

**MIDLAND**<sup>®</sup>  
MOVING COMMUNICATION

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Midland World



**MIDLAND**<sup>®</sup>  
MOVING COMMUNICATION



2022 CATALOG



# Awards and honors

**Midland**, always attentive to details and design, has received several awards throughout its history.

One of these is the **Red Dot Award**, one of the most important in the Design field with over 10,000 subscribers from 60 countries around the world where a pool of experts analyses over 6,500 products focusing on the complementarity between design and quality.

**Midland** has won three awards in the last 2 years in the **Product Design category** of the **Red Dot Award**: the **777 Pro** and **G9 Pro** radios and the **BT Rush** intercom.



red dot winner 2020



red dot winner 2021



red dot winner 2021

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Photo: Enrico Coppola - Art Direction: Roberta Saccon  
We thank our Ambassadors Camilla Cassandro (CB and Radio), Elisa Perrone (Radio), Mat Corrado (Video Cameras), Claudia Farina (Intercoms).  
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# Our tale of innovation for over 60 years.

1959

Founding year

1977

1<sup>st</sup> certified CB Radio on the european market

1998

1<sup>st</sup> LPD Walkie Talkie in the world

2008

1<sup>st</sup> Bike to Bike Intercom in the world

2013

1<sup>st</sup> Action Cam with Wi-Fi remote control

2016

1<sup>st</sup> App that exceeds the limits of communication between riders

2018

1<sup>st</sup> Digital CB Mike

2019

Cb Talk App, the largest community of drivers

2021

1<sup>st</sup> Hands-free Kit for CB

**Midland never stops.**



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## Midland Group





CB radios

**MIDLAND**<sup>®</sup>  
MOVING COMMUNICATION



# The best suited CB radio for your needs.

Are you a truck driver? Do you have a caravan or an off-road vehicle? Do you want to use the so-called "citizen band" to communicate with others?

Below you will find a small guide for your needs.

In the following pages, you will find every detail and technical information regarding each model.

## Your first CB radio



Are you looking for a CB radio that's easy to install and use?

---

CB Go USB

---

M Zero Plus

---

Alan 100 Plus B

---

## The road is your craft



Are you a truck driver looking for perfect modulation?

---

CB Handsfree Kit

---

Alan Quarantotto

---

Alan 48 Pro/Alan 78 Pro

---

Midland 88

---



Are you a farmer or a tractor driver?

---

CB Handsfree Kit

---

Alan Sessantotto

---

M-5

---

Midland 88

---



Discover the video



### **CB: contribution of €12 and declaration of activity has been abolished**

The decree issued on 17/7/2020 which sanctions the liberalization of the CB band (40 channels) has finally become law.

Thanks to Law No. 120 of 11 September 2020, it is now no longer necessary to fill in and submit the self-certification to the Italian Ispettorato Territoriale and pay an annual contribution of €12.

What are you waiting for? Buy your CB 40-channel radio and use it without wasting more time, as in the rest of Europe.

### Travelling is your passion



Travelling by caravan?  
Choose among the most reliable CBs.

---

Dual Mike Wireless

---

Alan 42 DS

---

M-Mini USB

---

M20

---

Ptt Dual



Do you want to communicate on your  
Off-Road vehicle?

---

Dual Mike Wireless

---

Alan 42 DS

---

CB Go USB

---

M-5

---

Midland 88

### I want the best!



If you're looking for the most advanced  
technology, this is the right CB radio for you.

---

Alan Quarantotto

---

Midland 88

---

M-30




# CB models in comparison

## Key

Distance	Mechanical resistance	Functions
Autonomy	Water resistance	Price

**Alan42 DS**



Distance	Mechanical resistance	Functions	Price
Autonomy	Water resistance	Price	

**Midland 88**



Distance	Mechanical resistance	Functions	Price
Autonomy	Water resistance	Price	

**Alan 48 Pro**



Distance	Mechanical resistance	Functions	Price
Autonomy	Water resistance	Price	

**Alan 78 Pro**



Distance	Mechanical resistance	Functions	Price
Autonomy	Water resistance	Price	

**Alan Quarantotto**



Distance	Mechanical resistance	Functions	Price
Autonomy	Water resistance	Price	

**Alan Sessantotto**



Distance	Mechanical resistance	Functions	Price
Autonomy	Water resistance	Price	

**M-30**



Distance	Mechanical resistance	Functions	Price
Autonomy	Water resistance	Price	

**M-20**



Distance	Mechanical resistance	Functions	Price
Autonomy	Water resistance	Price	

**M-5**



Distance	Mechanical resistance	Functions	Price
Autonomy	Water resistance	Price	

**M-Mini USB**




Distance	Mechanical resistance	Functions	Price
Autonomy	Water resistance	Price	

**M Zero Plus**



Distance	Mechanical resistance	Functions	Price
Autonomy	Water resistance	Price	

**Alan 100 Plus B**



Distance	Mechanical resistance	Functions	Price
Autonomy	Water resistance	Price	

Discover the video



■ Customisable Light Ring with light indications



**Lose the wire... but remain connected!**

The **Dual Mike Wireless** presents itself as a classical CB microphone, but is much more.

**Dual Mike Wireless** has **dual PTT** in one microphone to use with the CB Talk App and the CB in wireless mode, the **hands-free function** to answer calls and a **superb speaker** to listen to music via Bluetooth.

The new **AGC** (Automatic Gain Control) function allows the **Dual Mike Wireless** to better capture the voice, keeping it at a distance from the mouth from zero to one meter. The connection to the **PTT-Dual** in BLE (Bluetooth low energy - low consumption) allows getting the best out of the **Dual Mike Wireless** in hands-free mode.

**Discover its functions with the dedicated CB Talk app.**

**Features**

- 3W speaker with Labyrinth™ technology that emphasizes bass tones
- Dual PTT
- **8-band voice equalizer**
- **ECHO function**
- Roger beep
- Smartphone/ Dual Mike distance up to 30m
- Bluetooth V4.2 Wireless Microphone
- Dual USB Micro Recharge socket
- Compatible with wireless charger (via Optional DK-Dual)
- 10h battery life with volume at 50%,
- Weight 290g with cable
- Pre-amplified Microphone with DSP (Digital Signal Processor) for a perfect voice
- Multifunction key
- Customisable Light Ring with light indications
- Hands-free function

**Packaging and codes**

Microphone, recharging USB cable, microphone holder with adhesive support.

**code C1363**

**Discover the accessories for Dual Mike Wireless on page 24.**

Bluetooth™ 4.2

# Dual Mike Wireless

The Bluetooth microphone of the CBTalk App community

 ANALOGUE PTT DIGITAL PTT	 PRE-AMPLIFIED	 SUPER BASS LOUDSPEAKER	 HANDS-FREE PHONE	 FOR A PERFECT VOICE IN TX	 LISTEN TO MUSIC
 ECHO	 EQUALIZER	 LIGHT RING FOR NOTIFICATIONS	 LONG LASTING BATTERY	 DOUBLE USB RECHARGE SOCKET	 WIRELESS RECHARGE



Discover the video



 Bluetooth<sup>™</sup> 4.2

## CB Handsfree Kit

The 1st hands-free communication system for CB

**The new MIDLAND kit allows talking via CB while driving, without moving your hands from the steering wheel.**















It is precisely the new 2020 Highway Code that allows us to focus on the great potential of the new communication system: the ability to communicate HANDS-FREE by placing the microphone comfortably on the dashboard and pressing a button on the steering wheel.

This system prevents incurring the now harsher penalties provided for those who are caught driving with a CB microphone in hand (even if so far "tolerated") or with a smartphone.

**No more distractions. No more fines.**





 ANALOGUE PTT DIGITAL PTT	 PRE-AMPLIFIED	 3W SUPER BASS LOUDSPEAKER	 HANDS-FREE PHONE	 DSP FOR A PERFECT VOICE INTX	 LISTEN TO MUSIC	 ECHO	 EQUALIZER	 LIGHT RING FOR NOTIFICATIONS	 LONG LASTING BATTERY
 DOUBLE USB RECHARGE SOCKET	 4 PIN "48/68"	 4 PIN	 6 PIN						

**The kit includes:** Dual Mike, PTT-Dual with 3 types of fixing supports, micro-USB recharge cable, microphone holder with adhesive support.

**Dual Mike** has **dual PTT** in one mike to use with the analogue CB via the CBTalk App, **hands-free** to answer calls, a **superb speaker** to listen to music via Bluetooth.

The new **AGC** (Automatic Gain Control) function allows the **Dual Mike** to better capture the voice, keeping it at a distance from the mouth from zero to one meter. The **Dual Mike** connection to the **PTT-Dual in BLE** (Bluetooth low energy - low consumption) allows getting the best out of the **Dual Mike** in hands-free mode. **Discover its functions with the dedicated CBTalk app.**

**Features**

- 3W speaker with Labyrinth™ technology that emphasizes bass tones
- Dual PTT
- **8-band voice equalizer**
- **ECHO function**
- Roger beep
- Smartphone/ Dual Mike distance up to 30m
- Bluetooth V4.2 Wireless Microphone
- Dual USB Micro Recharge socket

- 10h battery life with volume at 50%, 15h with CB only
- Weight 290g with cable
- Multifunction key
- Customisable Light Ring with light indications
- Preamplified Microphone with DSP (Digital Signal Processor) for a perfect voice
- Hands-free function
- Connecting cable to the traditional CB (with 4-Pin 48/68, 4-Pin and 6-Pin connectors)

**Packaging and codes**

**code C1283.03 - 4-Pin 48/68 Kit**

**code C1283.04 - 4-Pin Kit**

**code C1283.05 - 6-Pin Kit**

**Discover the accessories for Dual Mike on page 24.**





## PTT-Dual

Bluetooth button to communicate hands-free while driving ... with no penalties! For fans of the digital world.

Low Energy Bluetooth (B.L.E.) button to talk hands-free via CB radio, without taking your hands off the steering wheel.

### For Dual Mike and Dual Mike Wireless.

The built-in battery guarantees a duration of 1 year with an average use of 9h/day.

### How is the PTT-Dual used?

- 1) Pair with telephone via Bluetooth;
- 2) Place on the steering wheel or in a comfortable position while driving;
- 3) Press the button to answer the phone call or to transmit the voice via the CB Talk App, without ever taking your hands off the wheel.

### Packaging and codes

Main PTT, steering wheel mount for main PTT, optional PTT with wire, external PTT finger, 2 velcro stickers, CR2032 lithium battery included.

code **C1488**



## CB Talk

### The app that connects roads around the world

**CB Talk** is the revolutionary application that lets you talk to other users in analogue or digital mode.

**CB Talk** is the free downloadable app used by over 1 million users around the world to talk to friends and colleagues freely.

The interface that appears on the App's screen closely resembles the controls found on the widespread **Midland**

**Alan 48** CB radio and the functions, although digital and advanced, are very user friendly.

**By combining the Dual Mike/Dual Mike Wireless with the CB Talk app**, the following features are added: 100km of Squelch, 80 channels, possibility to create public and private groups and the creator is also the administrator of the group.



Download CB Talk App





The portable CB transceiver "par excellence", **Alan 42 DS**, with new electronic components to give a unique audio experience.

It is fitted with **digital squelch, ANL filters and Noise Blanker** that remove all annoying noises caused by sources outside the vehicle.

A multistandard transceiver that allows selecting **any European band and operate in all EU countries.**

**Features**

- Band: Multi (see page 34)
- Power: 1W/4W depending on the country
- DS: Digital Squelch
- ANL filters/Noise Blanker
- Emergency channel (EMG)
- Keypad lock (LOCK)
- Battery status indicator
- High-lower power (H-L)
- Display back-lighting button
- AM-FM button selection
- SCAN function, Dualwatch
- Antenna socket: BNC
- Powered by 8 AA batteries or 12V
- 2-pin accessory socket

**Packaging and codes**

1 radio, wall charger for 8 AA battery pack, empty battery pack for 6 AA Alkaline batteries, empty battery pack for 8 AA rechargeable batteries with charging socket, adapter for car use with external SO 239 antenna socket, antenna, belt clip, wrist strap.

**code C1267**

**Export version: 400CH**

**Optional accessories**



**PB E42 - C602**

Empty battery pack to charge 8 AA batteries (not included)



**R74593 (Alan 42 DS/Multi)**

Car adapter with socket for external antenna SO2399



**R17365**

Power supply

# Alan 42 DS

The best-selling portable CB

<b>MULTI</b> BAND	<b>+</b> EMERGENCY	<b>DIGITAL SQUELCH</b>	<b>ANL NOISE BLANKER</b>	<b>DUAL WATCH</b>	<b>SIGNAL</b>
<b>HI/LOW POWER</b>	<b>POWER 12V</b>	<b>AA BATTERY</b>	<b>2 PIN</b>		



# Midland 88

The thinnest CB din ever



Thickness: only 77 millimeters

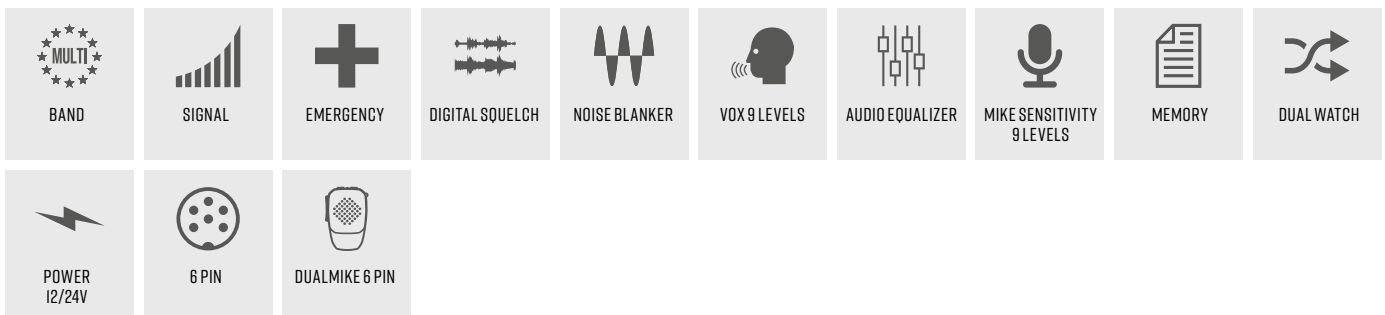
Discover the video



Front speaker

## Midland 88

The Din size CB radio



**Midland 88** is the most versatile CB radio: compatible with all DIN compartments.

It is your inseparable travel companion: on trucks, off-road, in cars and caravans.

What other options? You can put it on the dashboard and attach it to the windscreen with the suction cup attachment. Find the right solution for you!

With a large multicolour TFT display, filters to eliminate unwanted noise and a universal power socket (12/24 V), what more do you want from the highly compatible M88?

### Features

- Band: Multi (see page 34)
- CB DIN SIZE
- Ultra thin, only 77mm!
- 12/24V power supply
- **3 different supports supplied:** fixing bracket, DIN bracket, suction cup mount
- Aluminium chassis

- Wide colour TFT display
- Automatic digital squelch adjustable on several levels
- Emergency channels 9/19
- Noise Blanker and HIC Filters
- Automatic switch-on
- 4 channel memories
- PA function (Public Address)
- UP/DOWN/Priority channel microphone
- S-Meter
- Dual Watch, Roger Beep
- External loudspeaker socket
- 6-pin microphone connector

### Packaging and codes

1 transceiver with power cable, microphone, microphone holder, mounting bracket, Din Size bracket, suction cup mount, fixing screws, protection fuse.

**code C1435**

**Export version: 400CH 8W AM; 15W FM**  
**Amateur band: 28/29.695MHz**  
**VFO: 24.715/30.105Mhz**

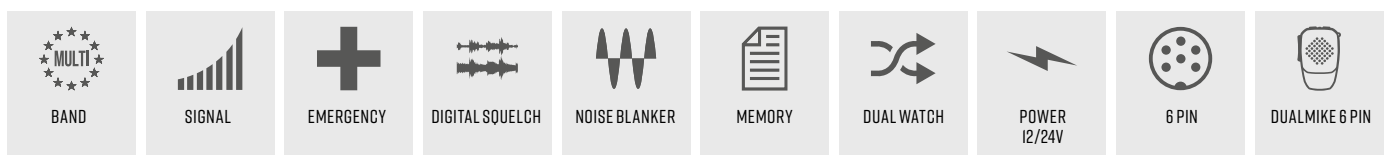






## Alan 48 Pro

The multiband CB for European travel



The new **Alan 48 Pro** is the top of the range multiband, the CB line expressly conceived for trips and routes in different European countries. What does this mean? It means that **Alan 48 Pro** has an adjustable power – 1W/4W – to be adjusted to the frequencies and regulations of the country in which it is used. With a power supply voltage of 12/24 V, **Alan 48 Pro** does not need reducers and it is of easy installation in the dashboard compartment, thanks to the DIN bracket (optional).

**Alan 48 Pro** is high tech and complete in facing all sorts of noises: it is equipped with the Digital Squelch, that eliminates the background swish and the Noise Blanker, to cancel the environmental noises.

### Features

- Band: Multi (see page 34)
- Output power: 1W/4W depending on the country
- **DS: Automatic Digital Squelch**
- **Noise Blanker/ANL filters**
- **Power supply voltage: 12/24V**
- Blue back-lit multifunction display
- "Precision series" microphone with Up/Down/LOCK buttons
- Squelch
- RF Gain: sensitivity control in RX
- MIC Gain: microphone amplification
- 4 memory positions
- Emergency channel

- SCAN function
- Dual watch function
- External S-Meter socket
- PA: by enabling this switch, the device becomes a low frequency amplifier (with the help of an additional speaker)
- External speaker socket
- 6-pin microphone connector

### Packaging and codes

1 radio, microphone, mounting bracket, fixing screws.

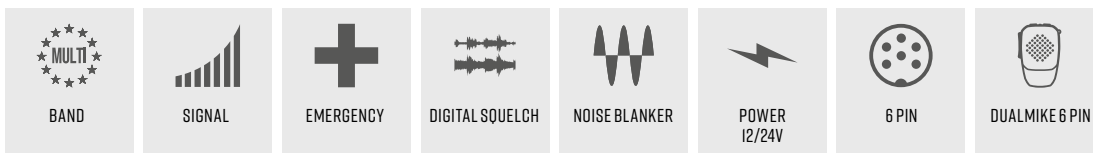
**code C422.16**

**Export version: 400CH**



## Alan 78 Pro

The compact multiband CB radio



The new **Alan 78 Pro** is the compact and essential CB radio dedicated to multiband: that is, to the CB frequencies related to travelling and routes in multiple European countries. What does it mean? It means that **Alan 78 Pro** has adjustable power - 1W/4W – that can be adapted to specific frequencies following the laws of the country in which you are travelling. With a 12/24 V power supply, **Alan 78 Pro** does not need reducers and can be easily installed in the dashboard compartment thanks to the DIN bracket (optional). **Alan 78 Pro** is high tech and perfect even when dealing with noise: its Digital Squelch eliminates background noises, while its Noise Blanker eliminates continuous environmental noise.

### Features

- Band: Multi (see page 34)
- Output power: 1W/4W depending on the country
- **DS: Automatic Digital Squelch**
- **Noise Blanker/ANL filters**
- **Power supply voltage: 12/24V**
- Blue back-lit multifunction display
- "Precision series" microphone with Up/Down/LOCK buttons
- Squelch, SCAN
- LCR function (to recall the last channel that was used)
- External speaker socket
- External S-Meter socket
- 6-pin microphone connector

### Packaging and codes

1 radio, microphone, mounting bracket, fixing screws.

**code C423.16**

**Export version: 400CH**





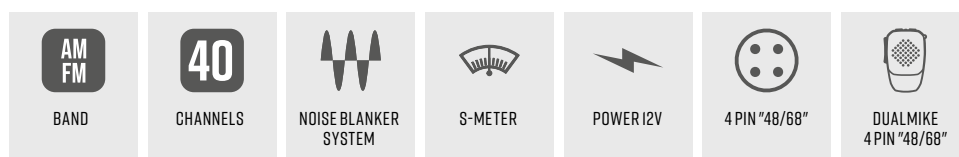
## Since 1986

The best seller 40Ch CB

Only for Italian market

## Alan Quarantotto

The king of CB



The CB that made the communication history, returns completely renewed, but still faithful to the DNA of the historical product.

Thanks to its fame, very easy use and its **complete range of functions**, it has been the Italian best-seller for over 30 years. A travelling companion and an **irreplaceable work tool for those who are driving every day**.

### Features

- Band: AM-FM
- Noise blanker System
- MIC Gain: Mic gain control for an always perfect modulation
- RF Gain: set the gain of the antenna preamplifier
- FIL: set the intonation of the incoming signal
- ANL: automatic noise cut down
- Squelch
- PA: activating this switch the CB becomes a low frequency amplifier (with additional speaker)
- White LED backlight, for every light condition
- 4-pin microphone connector

### Packaging and codes

1 radio, microphone, mounting bracket, fixing screws.

**code C217.09**

**Export version: 10W AM/FM - 120CH**



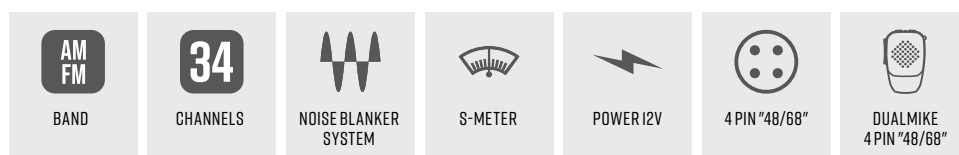
## Since 1983

The best seller 34Ch CB

Only for Italian market

## Alan Sessantotto

The mythical 34-channel CB



The brother of the mythical Alan Quarantotto, that made communication history, returns completely renewed, but still faithful to the DNA of the historical product. Since 1983 the **sales champion** in its category.

A travelling companion and an **irreplaceable work tool for those who are driving every day**. Particularly appreciated on agricultural vehicles and for earth moving thanks to its reliability and sturdiness.

### Features

- Band: AM-FM
- Noise blanker System
- MIC Gain: Mic gain control for an always perfect modulation
- RF Gain: set the gain of the antenna preamplifier
- FIL: set the intonation of the incoming signal
- ANL: automatic noise cut down
- Squelch
- PA: activating this switch the CB becomes a low frequency amplifier (with additional speaker)
- White LED backlight, for every light condition
- 4-pin microphone connector

### Packaging and codes

1 radio, microphone, mounting bracket, fixing screws.

**code C025.09**

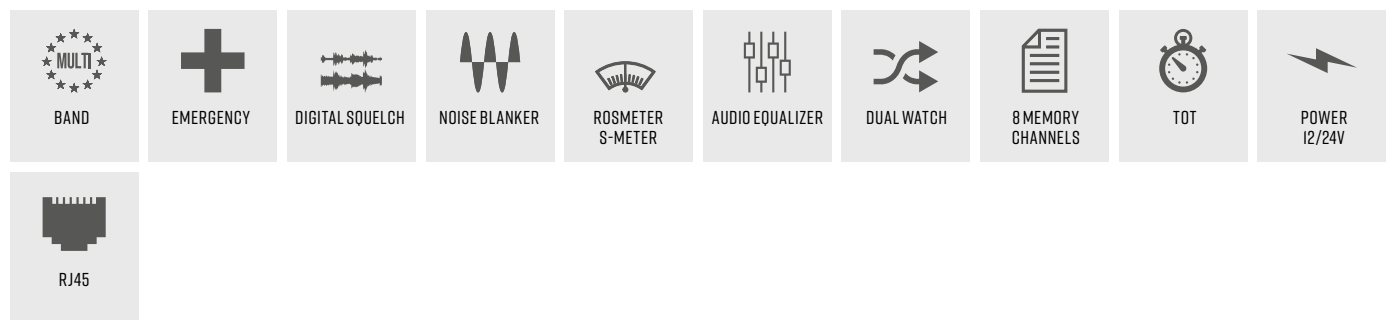
**Export version: 10W AM/FM - 120CH**





## M-30

The top-of-the-line multimedia M-series CB



If you are looking for a multi-function CB, this is the model for you. Ready to give you the best of the M series, thanks to **6 programmable keys**, wide **multi-colour TFT display**, with **Dual Watch** function to monitor two channels at the same time. Automatic switch-on, display of the channel number or channel number plus frequency, make it **the perfect tool for communication professionals**.

### Features

- Band: AM/FM Multi (see page 34)
- 6 programmable keys
- Wide colour TFT display
- Supply 12V-24V
- Metal alloy radio body for better heat dissipation
- Display of the channel number or channel number + frequency.
- Automatic adjustable Digital Squelch on 9 levels
- S-Meter/SWR Meter
- RF attenuator
- Scan function
- Dual Watch
- Customizable Roger Beep
- 9/19 emergency channels and priority channel
- Noise Blanker
- Audio equalizer
- Protection against polarity inversion
- 8 customizable memory channels
- TOT (Time Out Timer)
- Adjustable backlight
- Automatic switch-on
- Keypad lock
- Microphone with RJ45 connector with keys
- Up/Down/Priority channel

### Packaging and codes

1 radio, microphone, mounting bracket, fixing screws.

**code C1313**

**Export version: Amateur band 26-28MHz  
400CH 8W (AM)/15W (FM)**

### R74574

2 m long microphone extension cord for M-5/M-30/CT3000

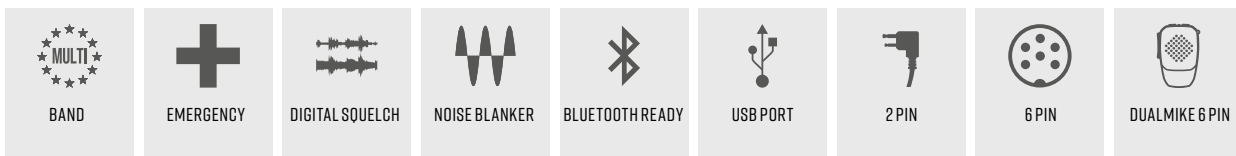
### Programming Software PRG-30 C1318

Complete with USB connection for PC



## M-20

The advanced multimedia CB



Even more functions than its predecessor M10. Large LCD screen, knob to **change channel** (also on the mike), **display indicator** of the operating band are the three features that make the **M-20** model a really efficient multimedia CB. Like all Midland multimedia CBs, with this product communication is possible in wireless mode, thanks to the **Bluetooth WA accessories**, connected to the 2-pin socket (see page 73).

### Features

- Band: Multi (see page 34)
- Large LCD display, White Bright Light™
- White Bright Light™ backlight
- AM/FM switch
- Automatic digital squelch, digital S-Meter
- Selectable audio: internal, from earphones, both
- ANL and Noise Blanker System that can be selected and disabled
- 9-19 emergency channel and selectable priority channel
- Microphone with Up/Down and priority channel

- USB socket for smartphone and tablet recharging
- 2-pin socket for accessories
- External loudspeaker socket
- External S-Meter socket
- 6-pin microphone connector

### Packaging and codes

1 radio, microphone, fixing screws, mounting bracket, power cable.

**code C1186**

**Export version: 10W AM/FM - 400CH**

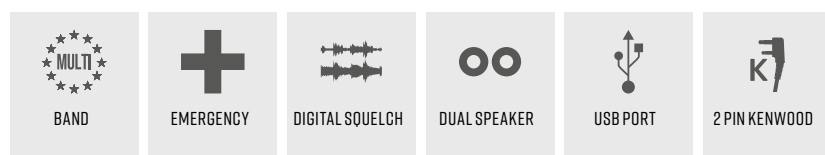




Extra small: 102x100x25mm

## M-5

the CB "in the mike"



The CB world finds a new style with the **Midland M-5**, the "CB in the mike" to have everything on hand all the time, thanks to the buttons placed directly on the microphone with an LCD display to see channels, bands and settings.

The compact size and its particular configuration allow the radio to be placed in the storage compartment or even in the boot (with accessory cable extension).

**A new way to enjoy the CB that allows you to drive with a minimal cabin.**

### Features

- Band: Multi (see page 34)
- 40 AM/FM channels
- Output power: 4W AM/FM
- Die-cast metal body
- "Handy" controls on the mike
- Selectable multicolour backlight (7 colours)
- Manual squelch 28 levels
- Digital squelch at 5 levels
- RF gain
- Scan
- Indication S-meter RX-TX
- Sliding mounting bracket
- Lighter power supply
- USB socket for charging electrical devices
- 2-pin Kenwood socket (microphone)

### Packaging and codes

1 radio, microphone with Up/Down keys, fixing screws, mounting bracket, power cord with cigarette lighter socket.

**code C1277**

**Export version: 10W AM/FM - 400CH**

### R74574

2 m long microphone extension cord for M-5/M-30/CT3000

Discover the video

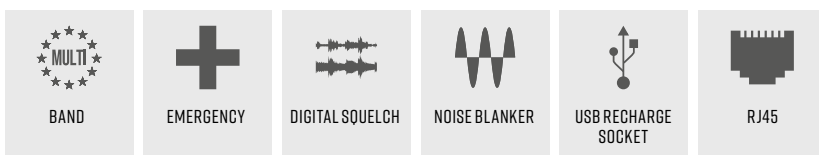


Removable microphone



## M-Mini USB

The small CB Radio with USB socket



### Are you looking for a CB radio that's easy to install?

**M-Mini USB** is your answer: essential, 40 channels, can be powered by connecting it to the cigarette lighter outlet using the power cable included in the package.

On the front, there is a practical USB socket so that you can recharge all your devices: smartphones, tablets... and a RJ45 socket, which makes the microphone removable.

The aluminium chassis is the finishing touch of **M-Mini USB**, making it robust and resistant to any movement.

### Features

- 40 AM/FM channels
- Selectable frequency bands: I, I2, DE, EU, EC, PL, UK, IN (see page 34)
- Output power: 4W AM/FM
- Up/Down keys on the microphone
- Channels scan
- LCD display with S/meter

- Double squelch mode (9 and 28 levels)
- Adjustable reception attenuator (RF gain)
- Emergency channel 9/19
- External loudspeaker socket
- Removable microphone with RG45 connector
- USB recharge socket
- Power cable with cigarette lighter plug

### Packaging and codes

#### Box M-Mini USB

1 radio, microphone with Up/Down keys, power cord with cigarette lighter socket, fixing screws, mounting bracket.

**code C1262.04**

#### Blister CB Go USB

CB M-Mini USB, power cord with cigarette lighter socket, LC29 antenna, magnetic base.

**code C1262.05**

**Export version: 9W AM/FM - 400CH**



### The blister version

**Ready to modulate in a few moments with "do it yourself" installation.**

A complete pack, containing: M-Mini USB, the Midland multimedia mini-transceiver, power cord with cigarette lighter plug and Midland LC29 high-performance antenna, fitted with a magnetic base.

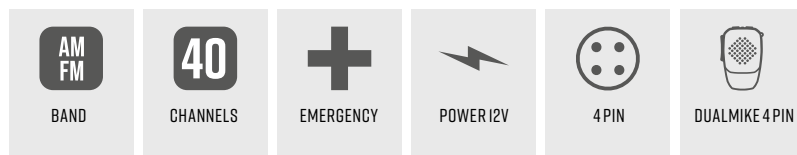
**Become a part of the CB community**





## M Zero Plus

The 40-AM-FM-channel CB



Evolution of the excellent **Midland M-Zero**, the new PLUS version adds the **FM band**.

**ABS body** for practical and light use and with **SMD technology** for the electronic structure.

With its **40 AM/FM channels**, this CB is extremely easy to use.

**M-Zero Plus** is definitely the best compromise between quality and price of the M line.

### Features

- Band: AM-FM (Poland-Italy)
- Channel display, black background with white texts
- Up/Down buttons
- Squelch control: eliminates annoying background noises in reception
- Emergency memory channel: to immediately select the emergency channel (set by the user)
- RF Gain: sensitivity control in RX
- Quick Scan
- On/Off keypad beep
- 4-pin microphone connector

### Packaging and codes

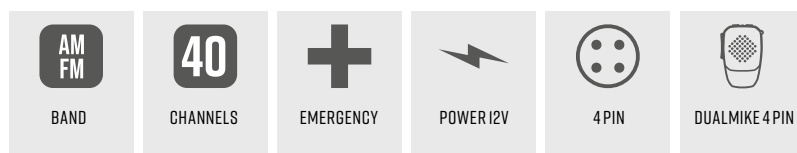
1 radio, microphone, mounting bracket, fixing screws  
code **C1169.01**

**Export version: 120CH**



## Alan 100 Plus B

The historical 40-channel CB



The CB that has accompanied car, caravan and truck drivers since 1998.

An excellent product to enter the CB world with everything that is required to communicate.

**An easy communication tool for everyone.**

### Features

- Band: AM-FM
- Emergency channel 9-19
- Display channels
- Up/Down buttons
- Squelch control: eliminates annoying background noises in reception
- Transmission and reception led
- External speaker socket
- 4-pin microphone connector





### Packaging and codes

1 radio, microphone, mounting bracket, fixing screws  
code **C442.12**

## CB Radio accessories



# Bluetooth microphones and their accessories

	4 Pin "48" 	4 Pin 	6 Pin 
 <p><b>Bluetooth™ 4.2</b></p>	<p><b>Dual Mike Hands Free Kit C1283.03</b></p> <p>Pre-amplified/Bluetooth CB microphone with 8-band equalizer and echo. For Alan 48/68 and Midland 8001-XT.</p>	<p><b>Dual Mike Hands Free Kit C1283.04</b></p> <p>Pre-amplified/Bluetooth CB microphone with 8-band equalizer and echo. For Midland M-10, M Zero Plus, Alan 100 Plus B, Midland 200, Midland 203.</p>	<p><b>Dual Mike Hands Free Kit C1283.05</b></p> <p>Pre-amplified/Bluetooth CB microphone with 8-band equalizer and echo CB Multi standard radios. For Midland 88, Alan 48/78 Pro, Alan 48/78 Plus Multi B, M-20.</p>
	<p><b>Hands-free kit package contents: see page 4</b></p>		

**Dualmike Wireless C1363**  
Bluetooth **preamplified** CB microphone.




**Bluetooth™ 4.2**




**PTT Dual C1488**  
Low Energy Bluetooth (B.L.E.) to talk hands-free via CB radio, without taking your hands off the steering wheel. For **Dual Mike and Dual Mike Wireless**.  
**The package includes:** Main PTT, steering wheel mount for main PTT, optional PTT with wire, external PTT finger, 2 velcro stickers, CR2032 battery included. Life: 1 year with an average use of 9h/day.

**DK-Dual C1364**  
Docking station: wireless recharge support. For **Dual Mike Wireless**.




**ST-Dual C1422**  
Support with 12V power unit and 2 USB sockets. For **Dual Mike Wireless, Dual Mike**.



**VM-Dual C1407**  
Air vent fixed support. For **Dual Mike Wireless, Dual Mike**.



**AM-Dual C1408**  
Dual Mike adhesive support kit. For **Dual Mike Wireless, Dual Mike**.



**AL-Dual 48 C1403**  
Voltage reducer 12V-5V and Micro USB for Alan Quarantotto, Alan Sessantotto. For **Dual Mike, DK-Dual**.



**AL-Dual C1403.01**  
Voltage reducer 12V-5V and Micro USB for all other Midland CB radios. For **Dual Mike, DK-Dual**.





# Microphones

4 Pin



## Midland F100 C1021

Preamplified microphone with echo.  
For Alan 100 Plus B, Midland 200, Midland 203.



4 Pin



## R51504

Microphone Alan 100 Plus B, Midland 203,  
Alan 199, Midland 210 DS, M-10 and M  
Zero Plus.



4 Pin "48"



## MDL4190 C074

Omni directional dynamic microphone.  
Impedance 500 Ohm.  
For Alan 48, Alan 68S, Midland 8001-XT.



4 Pin "48"



## Midland F48 C1022

Preamplified microphone with echo.  
For Alan 48/68 and Midland 8001-XT.



4 Pin "48"



## Mike Midland T059.01

Omni directional dynamic microphone.  
Impedance 500 Ohm.  
For Alan 48, Alan 68S, Midland 8001-XT.



5 Pin



## R17332

Original microphone for Alan 100 Plus, Alan  
100 Plus Euro and Alan 199-A.



6 Pin



## Mike Multi C714

"Precision series" microphone with Up/Down  
buttons, Lock button.  
For series Plus Multi, Excel, Midland 248,  
248 XL, 278, Alan 121 and Midland 220  
(no channel change).



6 Pin



## Midland F Multi C1023

**Preamplified** microphone with echo for CB  
Multi Standard radios.



6 Pin



## MR120 C404.01

Electret microphone with Up/Down buttons.  
For series Plus Multi, Excel, Midland 248,  
248 XL, 278, Alan 121 and Midland 220 (no  
channel change).



# Brackets, holders, cables, potentiometers and speakers

## Brackets

### SPM-48 Din C791

DIN bracket for Alan 48 Plus Multi B/Excel Multi, Midland248/248XL, Alan 48 Pro.



### SPM-78 Din C792

DIN bracket for Alan 78 Plus Multi B, Midland 278, Midland M20, Alan 78 Pro.

### SPM-100 Din C807

DIN bracket for Alan 100 Plus, 100 Plus Euro, Alan 100 Plus B, 199-A, Midland 203, Midland 210, Midland M10.

### SA 48 T769

Complete with 1 bracket, 2 slides, 2 handles, 2 screws. For Alan 48, 68S, Alan Quarantotto, Sessantotto.



## Holders

### PM3 T431

Microphone holder with screw fastening and bi-adhesive.



### PMF T570

Microphone holder with screw fastening and bi-adhesive, fluorescent.



## Cables

### R74574

2 m long mic extension cord for M-5/M-30/CT3000.



### T060

3-pole lead with fuse-holder. Length: 160 cm. For Alan 48, Alan 68S.



## Potentiometer

### Kit250

Potentiometer kit for Alan Quarantotto, Alan Sessantotto, consisting of 4 pieces.



## Speakers

### AU 20 T775

External speaker 5W max. Impedance: **8 Ohm**, Rated power **2 W** Maximum power **5 W**, Size **65x55x65mm**.



### AU 30 T682

External speaker 12W max. Impedance **8 Ohm**, Rated power **7 W** Maximum power **12 W**, Size **110x60x60mm**.



### AU25E T681.01

External speaker 5W max. Recommended for VHF professional mobile transceivers Alan HM35/70/06 Impedance **8 Ohm**, Rated power **3 W** Maximum power **5 W**, Size **100x60x60mm**.



## SWR meter wattmeter, power supplies

### SWR meter wattmeter



#### KW 520 C530

Suitable for checking transmitter power and antenna adaptation, with two separate measuring lines, one from 1.8 to 200 MHz and the other from 140 to 525 MHz. This enables the simultaneous connection of 2 systems: one in HF/VHF and the other in VHF/UHF and select which to use to take the measurements with the specific switch. The measurement line selected is displayed by the specific LED. With the possibility of measuring peak or medium value, fine calibration of the index, base scale duplicator button of power from 200 to 400 W.

<b>RF power</b>	5W - 20W - 200W - 400W
<b>R.O.S.</b>	1:1 / ∞
<b>Impedance</b>	52 Ohm
<b>Frequency range</b>	1.8 - 200 MHz/140 - 525 MHz
<b>Size in mm</b>	155x100x60
<b>Weight</b>	730 g
<b>Connector</b>	SO239

### Power supplies

#### SW35 47500

**Input voltage**  
220-230Vac-50Hz  
**Output voltage**  
13.8Vdc  
**Rated output current**  
Max 3-5A

#### SW57 47510

**Input voltage**  
220-230Vac-50Hz  
**Output voltage**  
13.8Vdc  
**Rated output current**  
Max 5-7

#### SW79 47520

**Input voltage**  
220-230Vac-50Hz  
**Output voltage**  
13.8Vdc  
**Rated output current**  
Max 7-9A

#### SW102 47530

**Input voltage**  
220-230Vac-50Hz  
**Output voltage**  
13.8Vdc  
**Rated output current**  
Max 10-12A





## Car and truck CB antennas

### Lux antennas: illuminate when transmitting

Midland Lux is the genesis of a new line of CB antennas, designed to make the installation of the best "CB radio" on vehicles. The antenna base is fitted with a wave guide that glows when it is crossed by radio frequency. It automatically illuminates when the radio is transmitting, thus signalling the correct operation of the device. It does not need any power and is totally waterproof. **LUX1500-S** and **LUX 1000-S**: Anti-theft and protection hinge. **LUX 1500-PL** and **LUX 700-PL** suitable for gutter, mirror, centre roof mount (accessories not included). With the **KIT** they become magnetic (see page 30).



**Lux 1000-S**  
C1258



**Lux 1500-S**  
C1259



**Lux 700-PL**  
C1330



**Lux 1500-PL**  
C1257



**X-Turbo 60**  
C871



**X-Turbo 80**  
C872



**ML143**  
C1164



**ML 145**  
T562.01

## Car and truck CB antennas



**Alan PC 4**  
T739



**Alan PC 6**  
T736



**Alan PC 8**  
T701



**Alan S9 Plus**  
T638



**Funk 90**  
T638.04



**Funk 130**  
T638.05



**Funk 150**  
T638.06



**Mini**  
C593

## Magnetic CB antennas



**Kit 226**  
Lux 700-PL+120/PL



**Kit 224**  
Lux 1500-PL+120/PL



**Kit 212**  
ML143+Base M

High power antenna with magnetic base  
Ø 120mm



**Kit 007**  
ML145 + 120/PL



**LC29**  
C1018



**LC65**  
C1020



# Magnetic bases, balcony/base and VHF/UHF antennas

## Magnetic bases

### BM-MP C1182

Developed for the MP120 antenna, it is designed to withstand high speeds. Equipped with scratch resistant magnet-covering cap. Supplied with universal DV 27 base (already installed).



### BM-MLC143 C1183

Developed for the ML 143 antenna, it is designed to withstand high speed. Equipped with scratch resistant magnet-covering cap. Supplied with PL mount (already installed).



### 120/PL T036

Designed to withstand high speeds. Equipped with scratch resistant magnet-covering cap. Supplied with attachment for PL (already installed).



## CB base antennas

Equipped with a system to protect against water leak

### Energy New 1/2 T241.02

Energy New 1/2 is telescopic base antenna, ground plane at 1/2 lambda, operating on 27MHz, built in anti-corrosion aluminium. All elements are telescopic and facilitate installation.

Equipped with a system to protect against water leak

### Energy New 5/8 T242.02

Energy New 5/8 is telescopic base antenna, ground plane at 5/8 lambda, operating on 27MHz, built in anti-corrosion aluminium. All elements are telescopic and facilitate installation.



## VHF/UHF antennas



M-150 GSA  
C632



VH 1  
F092

# Bracket/mounts, connectors and antennas cables

## Brackets/mounts

### GR-L C1047

Stainless steel mount.  
Size: 38x64x99mm



### GR-XL C1048

Stainless steel mount  
Size: 38x100x180mm



### Gronda 27 T054

Gutter mount. Enables the Gutter mount installation of any mobile antenna without piercing the bodywork. The special rubber suction pad guarantees perfect adherence to the vehicle roof.



### SP 21 T390

Mirror mount. Enables the installation of any mobile antenna on the rear view mirror, avoiding unsightly holes in the bodywork.



### DV 27 PL T599

Centre roof adapter DV/SO239.



### SC 27 T441

Special screw.



### LC 27/10-N T370.01

Connector.



### FC 27 T478

Antenna base with screw, connector for FC 27 and base for Midland antennas.



## Connectors

### PL259/R T292.02



### PL 259/RL T377



### PL 259 T205

Connector for RG8/RG213 cables.



### UG 255 F076

Connector for BNC/SO239.



### SA 95 T211

SO239 connector RCA plug.



## Cables

### RG58 T633 - R73895

3-piece lead for roof centre mount. Length: 4m  
**R73895 for PC antennas.**



### R 45/58-U T194

Connection lead for CB transceivers. Length: 45 cm  
**2 connectors PL259.**



### Centre roof mount T301

Centre-roof mount for US antennas Length: 3.5 m.



### R 90/58-U T193

Connection lead for CB transceivers. Length: 90 cm  
**2 connectors PL259.**



## Antennas specifications

Specifications	LUX 1000-S/LUX 1500-S	X-TURBO 60/80	ALAN PC 4/6/8	ALAN S9 PLUS
Operating frequency	26-30MHz	26-28 MHz	25-30 MHz	25-30 MHz
Number of channels	120	200	150/240/130	200
Maximum applicable power	600/800	800 W (max 1500) 1000 W (max 1700)	400/600/800 W	300 W
R.O.S. min. in centre band	<1.2	<1.2	<1.2	<1.2
Length (cm)	120/170	160/180	115/160/163	155
Impedance (Ohm)	50	50	50	50
Weight (g)	503/525	670/690	450	390
Whip material	Steel	Steel	Steel	Steel
Antenna connection type	3 parts	3 parts	3 parts	DV
Hole diameter (mm)	12.5	10	10	12.5
Lead (m)	4	4	4	4

Specifications	FUNK 90/130/150	MINI	Kit226 (Lux700-PL)	Kit224 (Lux1500-PL)
Operating frequency	26-28 MHz	26÷28 MHz	26-28 MHz	26-28 MHz
Number of channels	-	40	40	120
Maximum applicable power	200/250/300 W	80 W	600 W pep	1000 W pep
R.O.S. min. in centre band	<1.2	1.2:1	<1.2	<1.2
Length (cm)	90/130/150	68	90	164.5
Impedance (Ohm)	50	50	50	50
Weight (g)	160/190/200	210	330	358
Whip material	Steel	Stainless steel inox	Stainless steel inox	Stainless steel inox
Antenna connection type	DV	3 parts	Magn. base 120mm with PL (SO239 antenna only)	Magn. base 120mm with PL (SO239 antenna only)
Hole diameter (mm)	10	12.5	16 (without magn. base)	16 (without magn. base)
Lead (m)	4/4/4	4 with PL259	4	4

Specifications	Kit212 (ML143)	Kit007 (ML145)	LC29	LC65
Operating frequency	26-28 MHz	26-28 MHz	26-28 MHz	26.965-27.405 MHz
Number of channels	120	90	40	40
Maximum applicable power	300 W pep	400 W pep	10/30 W (peak)	60/300 W (peak)
R.O.S. min. in centre band	<1.2	<1.2	≤1.2:1	≤1.2:1
Length (cm)	170	146	29	115
Impedance (Ohm)	50	50	50	50
Weight (g)	1500	1600	400	1000
Whip material	Stainless steel inox	Stainless steel inox	Stainless steel inox	Stainless steel inox
Mount	Magn. base 120mm with PL (SO239 antenna only)	Magn. base 120mm with PL (SO239 antenna only)	Magn. base Ø 68 mm with PL	Magn. base Ø 120mm with PL
Hole diameter (mm)	16 (without magn. base)	16	-	-
Lead (m)	4		4	

Specifications	BM-MP	BM-MLC143	120/PL	BM-150PL	BM Mini
Frequency range	26-460 MHz	26-460 MHz	26-460 MHz	26-460 MHz	26-460 MHz
Max. speed	80/130 Km/h	80/130 Km/h	80/130 Km/h	80/130 Km/h	80/130 Km/h
Base diameter	Ø 120 mm	Ø 120 mm	Ø 120 mm	Ø 150 mm	Ø 35 mm
Weight	830 gr	940 gr	700 gr	800 gr	100 gr
Lead	4m	4m	3m	3.9m	2.4m



## Antennas specifications

Specifications	Energy New 1/2	Energy New 5/8
Operating frequency	25-29 MHz	25-29 MHz
Maximum applicable power	500 W PEP	500 W
Impedance	50 Ohm	50 Ohm
Band R.O.S.	1.2:1	1.2:1
Length	575	650
Weight	2.1/2.5 Kg	2.5 Kg
Ø support pole	30-40 mm	30-40 mm
Connector	SO 239	SO239
Whip	Aluminium	Aluminium

Specifications	M150-GSA
Frequency	138-174 MHz
Type	1/4λ
Power	200 W
Length (cm)	51
Connector type	PL

Specifications	VH 1
Operating frequency	108:550Mhz
Maximum applicable power	100W
R.O.S. min. in centre band	1:1.2
Length (cm)	51
Impedance	50 Ohm
Weight	300 g
Whip material	Steel
Connector type	PL259 (not supplied)
Hole diameter	12 mm
Lead	4m

## Table of channels/power/band for Multi CB

Code	Country	MHz
I	Italy 40 CH AM / FM 4 Watt	26.965-27.405
I2	Italy 34 CH AM / FM 4 Watt	26.875-27.265
D4	Germany 80 CH FM 4 Watt / 40 CH AM 4 Watt	26.565-27.405
EU	Europe 40 CH FM 4 Watt / 40 CH AM 1 Watt	26.965-27.405
EC	CEPT 40 CH FM 4 Watt	26.965-27.405
E	Spain 40 CH AM/FM 4 Watt	26.965-27.405
F	France 40 CH FM 4 Watt / 40 CH AM 4 Watt	26.965-27.405
PL	Poland 40 CH AM/FM 4 Watt	26.960-27.400
UK	England 40 CH FM 4 Watt + EC (40 CH FM 4Watt CEPT) or + I Italy 40CH AM/FM 4W (it depends on the radio model)	27.60125-27.99125 + 26.965-27.405
Code	Export Version	MHz
RU	Russia 400 CH AM/FM 4 Watt	25.615-30.105
PX	Poland 400 CH AM/FM 4 Watt Polish frequencies	25.610-30.100
SW	Sweden 24 CH FM 4 Watt 31 MHz	30.930-31.570
AU	Australia 40 CH AM 4 Watt	26.965-27.405
AM	Australia 10 CH AM 4 Watt	27.680-27.980
NZ	New Zealand 40 CH AM 4 Watt	26.330-26-770

40-channel  
CB: free use  
in Italy and  
Europe

**NB:** the multi CB radios can have different use bands, in any case included in the above table. For further information, please check the user manuals that can be downloaded on [midlandeurope.com](http://midlandeurope.com) in the **Product section**.

## CB overview tables

Model	Alan 42 DS	Midland 88	Alan 48 Pro
<b>Type</b>	Portable multiband CB	Vehicle multiband CB	Vehicle multiband CB
<b>General</b>			
<b>Channels/Bands</b>	see multi equipment table page 34	see multi equipment table page 34	see multi equipment table page 34
<b>Frequency range</b>	26.565 MHz - 27.99125 MHz	26.565 - 27.99125 MHz	26.565 - 27.99125 MHz
<b>Power supply</b>	12,6 Vdc ± 10%	12/24 Vdc	12/24 Vdc
<b>Size (WxHxD)/weight</b>	70 x 140 x 30 mm/220 g (- batt)	188x57x77/677g	180 x 50 x 150 mm/1 Kg
<b>Mic. connector</b>	2-pin Midland	6-pin	6-pin
<b>Receiver</b>			
<b>Sensitivity for 20dB Sinad</b>	< 1 µV	< 1 µV	0,5±1 µV
<b>Audio output power</b>	0.5W	> 3W	> 3W
<b>Audio distortion</b>	3%@1KHz	<3% @ 1KHz	< 8% @ 1KHz
<b>Transmitter</b>			
<b>Output power</b>	1W/4W AM-FM	4W AM/FM	1W/4W AM-FM
<b>Modulation</b>	AM 90% ±5%, FM 2KHz	AM: 90%; FM: 1.9KHz	AM: 90%, FM: 1.8 KHz +/- 0.2 KHz
<b>Max. current drain</b>	900mA	<2000mA	1100mA

Model	Alan 78 Pro	Alan Quarantotto	Alan Sessantotto
<b>Type</b>	Vehicle multiband CB	Vehicle AM-FM CB	Vehicle AM-FM CB
<b>General</b>			
<b>Channels/Bands</b>	see multi equipment table page 34	40 AM -40 FM	34 AM-FM
<b>Frequency range</b>	26.565 - 27.99125 MHz	26.965 - 27.405 MHz	26.875 MHz - 27.265 MHz
<b>Power supply</b>	12/24 Vdc	12,6 Vdc ± 10%	12,6 Vdc ± 10%
<b>Size (WxHxD)/weight</b>	180 x 35 x 140 mm/0.850 Kg	165 x 55 x 205 mm/1.500 Kg	165 x 55 x 205 mm/1.500 Kg
<b>Mic. connector</b>	6-pin	4-pin "48"	4-pin "48"
<b>Receiver</b>			
<b>Sensitivity for 20dB Sinad</b>	< 1 µV	<1µV	<1µV
<b>Audio output power</b>	> 2W	4W max	4W max
<b>Audio distortion</b>	< 8% @ 1 KHz	< 5%@1KHz	< 5%@1KHz
<b>Transmitter</b>			
<b>Output power</b>	1W/4W AM-FM	4W AM-FM	4W AM-FM
<b>Modulation</b>	AM: 90%, FM: 1.8 KHz +/- 0.2 KHz	AM 90% ±5%, FM 2KHz	AM 90% ±5%, FM 2KHz
<b>Max. current drain</b>	1100mA	1500mA	1500mA

## CB overview tables

Model	Midland M-30	Midland M-20	Midland M-5
<b>Type</b>	Vehicle multiband CB	Vehicle multiband CB	Vehicle multiband CB
<b>General</b>			
<b>Channels/Bands</b>	see multi equipment table page 34	see multi equipment table page 34	see multi equipment table page 34
<b>Frequency range</b>	26.565 - 27.99125 MHz	26.565 - 27.99125 MHz	26.565 - 27.99125 MHz
<b>Power supply</b>	12÷24V	12.6 Vdc ± 10%	12.6 Vdc ± 10%
<b>Size (WxHxD)/weight</b>	120x37x160 mm/820 g	137x35x210 mm/930 g	110x120x25 mm/380 g
<b>Mic. connector</b>	RJ45	6 pin	RJ45
<b>Receiver</b>			
<b>Sensitivity for 20dB Sinad</b>	<1µV	<1µV	<1µV
<b>Audio output power</b>	4W max	4W max	3W+2W
<b>Audio distortion</b>	< 5%@1KHz	< 5%@1KHz	< 5%@1KHz
<b>Transmitter</b>			
<b>Output power</b>	4W AM-FM	1W/4W AM-FM	1W/4W AM-FM
<b>Modulation</b>	AM 90% ±5%, FM 2KHz	AM 90% ±5%, FM 2KHz	AM 90% ±5%, FM 2KHz
<b>Max. current drain</b>	2000mA	<1600mA	<1600mA

Model	Midland M-Mini USB	M Zero Plus	Alan 100 Plus B
<b>Type</b>	Vehicle multiband CB	Vehicle AM-FM CB	Vehicle AM-FM CB
<b>General</b>			
<b>Channels/Bands</b>	see multi equipment table page 34	40 AM/40 AM -40 FM	40 AM-40 FM
<b>Frequency range</b>	26.565 - 27.99125 MHz	26.965 - 27.405 MHz	26.965 - 27.405 MHz
<b>Power supply</b>	12.6 Vdc ± 10%	12,6 Vdc ± 10%	12,6 Vdc ± 10%
<b>Size (WxHxD)/weight</b>	102x100x25 mm/450 g	110 x 45 x 140 mm/665 g	124x38x190 mm/1.200 Kg
<b>Mic. connector</b>	RJ45	4 pin	4 pin
<b>Receiver</b>			
<b>Sensitivity for 20dB Sinad</b>	<1µV	<1µV	<1µV
<b>Audio output power</b>	4W max	2W max	4.5 W max
<b>Audio distortion</b>	< 5%@1KHz	< 5% @ 1KHz	< 8% @ 1KHz
<b>Transmitter</b>			
<b>Output power</b>	1W/4W AM-FM	4W AM-FM	4W AM-FM
<b>Modulation</b>	AM 90% ±5%, FM 2KHz	AM: 90% - FM 2KHz	AM: 90%, FM: 2 KHz
<b>Max. current drain</b>	<1600mA	1500mA	1100mA

# Radio

Walkie Talkie  
Amateur VHF/UHF  
Marine VHF



# Why buy a radio and which to choose?

Usually, emergency and security situations are associated with radios: first aid, police, firefighters, civil protection. These are just some examples of professional figures that come to mind when we talk about radios.

What if we told you that they are not the only radio users? What if we told you there are others? Radios are widely used in places that have to manage the public and require rapid communication tools on wide surfaces, for example: department stores, shopping centres, restaurants, hotels and

seaside resorts.

## Advantages:

- Radios are not afraid of shocks, low or high temperatures. They are made to last over time.
- Signal coverage: radios always have signal, anywhere (there are no “grey areas” such as in basements, in the mountains, etc.).
- Speed in communications. It is not important to know the telephone numbers of all interlocutors.

**Just press a button: PTT.**

## Your first radio



Are you looking for an easy-to-use  
an affordable radio?

---

XT5

---

XT10

---

XT 30

---

## Radios for business



Do you have a store, a club or a hotel?

---

777 Pro

---

G10 Pro

---

G13

---



Indestructible models for the harshest  
environments:

---

G11 Pro

---

G15 Pro

---

G18 Pro

---

G7 | G9 Pro Work Edition

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**PMR446: contribution of €12 and declaration of activity start abolished.**

The decree issued on 17/7/2020 which sanctions the liberalization of the PMR446 band has finally become law. Thanks to Law No. 120 of 11 September 2020, it is now no longer necessary to fill in and submit the self-certification to the Italian Ispettorato Territoriale and pay an annual contribution of €12.

What are you waiting for? Buy your PMR446 radio and use it without wasting more time, as in the rest of Europe.

## Radios for your passions



Do you like travelling or outdoor activities?

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XT50

---

XT60

---

XT70

---

GB1-R

---

## I want the best



If you're looking for the most advanced technology, these are the right radios for you.

---

G18 Pro

---

G15 Pro

---



Are you a hunter or do you like tactical games such as softair or paintball?

---

G7 Pro

---

G9 Pro

---

G13

---



NEW



■ **Multi CA PB-G15 C1251**  
6 position multicharger (optional)

**G18 Pro**, the most advanced model of the PMR446 walkie talkie range becomes **professional**. It keeps the **rugged frame** built to military standards, a high visibility screen, **IP67 certification** as dust and water resistant, and is capable of withstanding the harshest environments. It adds the RRM channel function to the previous model, a fast recall to the Rete Radio Montana channel, programmable via software. **G18 Pro** meets all types of needs and uses.

**Version:** PMR446  
**Colour:** Black  
**Channels:** 16+83 pre-set  
**Tones:** 50 CTCSS + 105 DCS normal/inverted

**Features**

- **Extended frequency band:** from 446.00625 to 446.19375MHz
- Aluminium chassis
- IP67 certified
- Output power: ≤500mW ERP
- Channel spacing: 12.5KHz
- Military Standard MIL-STD 810G Compliance
- Rete Radio Montana (only for Italy)
- Channel scanning
- Voice announcement
- Roger Beep, Auto power save
- Monitor
- Squelch
- Vox
- FM Radio, Scrambler and Comander
- Power supply: Li-Ion 1600 mAh battery pack
- 2-pin Motorola accessory socket



# G18 Pro

The indestructible walkie talkie becomes professional and exceeds the military reliability standards.

<b>99</b> CHANNELS 16+83 PREPROG	<b>155</b> CTCSS+DCS TONES	 WATERPROOF IP67	 SCAN	 VOICE ANNOUNCEMENT	 FM RADIO
 SCRAMBLER	 COMANDER	 VOX	 ROGER BEEP	 CH RRM RETE RADIO MONTANA	 BATTERY PACK
 PROGRAMMABLE	 2-PIN MOTOROLA				

**Packaging and codes**

Radio, desktop charger, wall adapter, rechargeable Li-Ion battery pack (1600 mAh), belt clip.  
**code C1145.02**

**Export version 5W**

**Programming software PRG-G15 - C1131**

Customisation of channels and frequencies, activation/deactivation/of specific functions.





reddot winner 2020

# 777 Pro

The coolest walkie talkie for small business

- |   |  |                    |                                       |  |  |
|---|--|--------------------|---------------------------------------|--|--|
| <p><b>85</b></p> <p>CHANNELS<br/>16 PMR446+69 LPD</p> | <p><b>142</b></p> <p>CTCSS+DCS<br/>TONES</p> | <p></p> <p>VOX</p> | <p></p> <p>EXTRA LOUD<br/>SPEAKER</p> | <p></p> <p>VIBRACALL<br/>FOR NOTIFICATIONS</p> | <p></p> <p>BATTERY PACK<br/>BATTERY LIFE 14H</p> |
| <p></p> <p>USB RECHARGER</p>                          | <p></p> <p>1 PIN</p>                         |                    |                                       |  |  |





#### ■ 777 Pro Limited Edition

Elegant and handy case complete with a rich range of accessories.



When the night comes on, rhythm dictates the laws of the evening and the fun doesn't stop, but the unexpected can always happen. What for some is an opportunity for entertainment, for others is a serious and responsible profession.

For this purpose you need a reliable radio but at the same time elegant and aesthetically refined radio, like the **777 Pro**, to fulfil its duty in the best possible way and winner of the prestigious international **REDDOT DESIGN AWARDS**.

Wide black display, EDD™, with white lighting, **8 new PMR446 channels that ensure a low level of congestion (traffic-free radio spectrum).**

**Version:** Dual band PMR446/LPD  
**Colour:** Black  
**Channels:** 16 PMR446 + 69 LPD  
**Tones:** 38 CTCSS + 104 DCS

#### Features

- **8 new PMR446 channels**
- **Extended frequency band: from 446.00625 to 446.19375MHz**
- Black EDD™ display with white lighting, 50% wider than the previous model
- Super-powerful loudspeaker

- 1000mAh Li-Ion battery pack (up to 14 hours' autonomy)
- Recharge via micro USB side socket or use the desktop charger
- Vibracall function for notifications even in noisy environments
- VOX function with 9 selectable levels
- 38 CTCSS tones / 104 DCS codes
- Earpiece socket with 1.35mm pin in the upper part for greater wearability

#### Packaging and codes

##### Box twin pack:

2 radios with belt clip, 1 dual desktop charger, 2 Li-Ion 1000mAh rechargeable battery packs, micro USB cable.

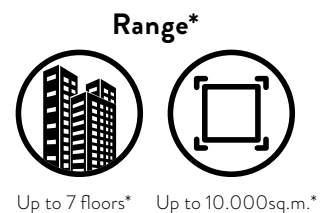
**code C1365**

##### Limited Edition case:

2 radios with belt clip, 1 dual desktop charger, 2 Li-Ion 1000mAh rechargeable battery packs, micro USB cable, 1 wall charger, 2 MA21-777 Pro microphones, 2 neck collars.

**code C1365.01**

##### Export version 2W



\* Depends on usage conditions

# G15 Pro

The right partner when reliability and sturdiness are vital.



Discover the video



**MIDLAND**<sup>®</sup>  
MOVING COMMUNICATION





■ **Multi CA PB-G15 - C1251**  
6 position multicharger (optional)

The **G15 Pro** is the leading walkie talkie in the professional category. With a durable aluminium chassis and truly high-performance water protection, take it wherever you want and mistreat it too.

You will always find it there, next to you, ready to help you in your endeavours.

**8 new PMR446 channels guaranteeing a low level of congestion (radio spectrum free from traffic).**

**Version:** PMR446  
**Colour:** Black  
**Channels:** 16 + 16 pre-set  
**Tones:** 50 CTCSS + 105 DCS

**Features**

- **8 new PMR446 channels**
- **Extended frequency band:** from 446.00625 to 446.19375MHz
- Aluminium chassis
- IP67 certified
- 16/32 channel quick selection
- Output power: ≤500mW ERP
- Channel spacing: 12.5KHz
- Channel scanning
- Voice announcement
- Side tone: end of transmission tone silencer
- Roger Beep
- Auto power save
- Monitor, Squelch, Vox
- Power supply: Li-Ion 1600 mAh battery pack
- 2-pin Motorola accessory socket

**Packaging and codes**

Radio, desktop charger, wall adapter, rechargeable Li-Ion battery pack (1600 mAh), belt clip.

**code C1127.03**

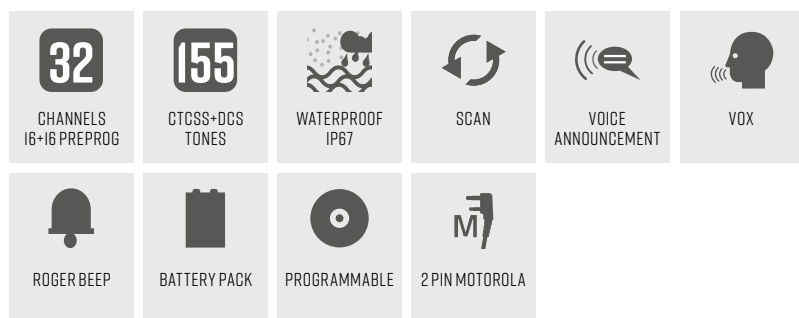
**Export version 5W**

**Programming software PRG-G15 - C1131**

Customisation of channels and frequencies, activation/deactivation/of specific functions.

## G15 Pro

The indestructible IP67







Discover the video



■ Discover the High Performance accessories page 69

**G13** is the new model in the MIDLAND line dedicated to the world of hunting. Those who practice hunting activities must be able to count on a reliable, versatile and long-lasting radio. If you think you're a hunter and you're looking for a walkie talkie that will always allow you to signal your presence in the shooting area... add the new G13 portable transceiver to your equipment. **8 new PMR446 channels ensure a low level of congestion (traffic-free radio spectrum).**

**Version:** PMR446  
**Colour:** Black  
**Channels:** 16 + 83 pre-set  
**Tones:** 50 CTCSS + 106 DCS normal/inverted

**Features**

- **8 new PMR446 channels**
- **Extended frequency band:** from 446.00625 to 446.19375MHz
- High efficiency, 2,600mAh Li-ion battery (**autonomy up to 40 hours**)
- High-performance loudspeaker
- LCD display with backlighting
- Aluminium chassis
- IPX4 watertightness
- LIGHT keyboard (3 keys only)
- VOX, Scan, Dual Watch, Monitor
- Scrambler (via optional programming software)
- 2-pin Kenwood accessory socket

**Packaging and codes**

Radio, desktop charger, wall adapter, 2600mAh Li-Ion rechargeable battery pack, belt clip.  
**code C1462**

**Export version: 5W**

# G13

Up to 40 hours autonomy

<b>99</b> CHANNELS 16+83 PREPROG	<b>156</b> CTCSS+DCS TONES	 WEATHERPROOF IPX4	 SCAN	 SCRAMBLER	 VOX
 DUAL WATCH	 ROGER BEEP	 BATTERY PACK 40H	 CH RRM RETE RADIO MONTANA	 PROGRAMMABLE	 2-PIN KENWOOD

**Programming software PRG 10 - C974.01**

Customisation of channels and subtones, activation/deactivation/of specific functions.



# G13

Reliable and versatile radio,  
up to 40 hours of autonomy.

**MIDLAND**<sup>®</sup>  
MOVING COMMUNICATION



■ Discover the High Performance accessories page 69

**G11** evolves and becomes **Pro**.

Radio with multiple functions, introduces 8 new channels of the PMR446 band to ensure more “private” and less congested communications.

**G11 Pro** is a device with attention to the smallest details to guarantee excellent performance, thanks also to its incomparable audio for high quality communications. Its sturdy mechanical structure and its metal chassis make it a very reliable transceiver and suitable in various situations.

**8 new PMR446 channels ensure a low level of congestion (traffic-free radio spectrum).**

- Version:** PMR446
- Colour:** Black
- Channels:** 16 + 16 pre-set
- Tones:** 50 CTCSS + 105 DCS normal/inverted

**Features**

- Aluminium chassis
- **8 new PMR446 channels**
- **Extended frequency band:** from 446.00625 to 446.19375MHz
- Output power: 500mW
- 16/32 channel quick selection
- Voice announcement
- Channel spacing: 12.5KHz
- VOX function (hands-free transmission)
- Channel scanning, function button beeps
- Roger beep
- Monitor
- TOT (Time Out Timer)
- Auto power save
- Power supply: 1600 mAh Li-Ion battery pack
- 2-pin Kenwood accessory socket

**Packaging and codes**

Radio, desktop charger, wall adapter, rechargeable Li-Ion battery pack (1600 mAh), belt clip.  
**code C966.06**

**Export version: 5W**

**Programming software PRG 10 - C974.01**

Customisation of channels and subtones, activation/deactivation/of specific functions.

# G11 Pro

For noisy environments

<b>32</b> CHANNELS 16+16 PREPROG	<b>155</b> CTCSS+DCS TONES	 VOX	 SCAN	 VOICE ANNOUNCEMENT	 ROGER BEEP
 BUSY CHANNEL	 BATTERY PACK	 PROGRAMMABLE	 2-PIN KENWOOD		



■ Discover the High Performance accessories page 69

Clean and compact design, technical performance, perfect also for professional communications in low-complexity environments, this is the **Midland G10 Pro** walkie talkie.

Thanks to an immediate signalling of the selected channel and the programming software, the **G10 Pro** will be the perfect partner for all your needs.

An entry level with great performance with **8 new PMR446 channels guaranteeing a low level of congestion (radio spectrum free from traffic).**

**Version:** PMR446  
**Colour:** Black  
**Channels:** 16 + 16 pre-set  
**Tones:** 50 CTCSS + 116 DCS normal/ inverted

#### Features

- **8 new PMR446 channels**
- **Extended frequency band:** from 446.00625 to 446.19375MHz
- Output power: 500mW
- Channel spacing: 12.5KHz
- 16/32 channel quick selection
- Channel scanning
- Voice announcement
- Function button beeps
- Monitor
- Auto power save
- Power supply: 1200 mAh Li-Ion battery pack
- 2-pin Kenwood accessory socket

#### Packaging and codes

Radio, desktop charger, wall adapter, Li-Ion rechargeable battery pack (1200 mAh), belt clip.  
**code C1107.04**

**Export version: 5W**

#### Programming software PRG 10 - C974.01

Customisation of channels and subtones, activation/ deactivation/of specific functions.

## G10 Pro

Simple and strong

32

CHANNELS  
16+16 PREPROG

166

CTCSS+DCS  
TONES



SCAN



VOICE  
ANNOUNCEMENT



BATTERY PACK



PROGRAMMABLE



2-PIN KENWOOD



A person with a braid, wearing a yellow safety vest over a grey long-sleeved shirt and dark pants, is walking away from the camera on a dirt path through a dense forest. A white dog is walking alongside them. Sunlight filters through the trees, creating dappled shadows on the path.

# G9 Pro and G7 Pro

The most used radios in the world for the outdoors.

**MIDLAND**<sup>®</sup>  
MOVING COMMUNICATION





reddot winner 2021



Discover the video



**Midland G9 Pro** is the radio used in any outdoor context. With a 30% larger display, audio improved by 30%, a more powerful antenna and a dual PTT that allows you to instantly select high and low power, your communication becomes easier and more fun. **G9 Pro** is the first to introduce the **8 new frequencies of the PMR 446 band**, which are freely used all over Europe, for communications free of overlaps and congestion by other users. Among the optional accessories you can choose the lithium battery pack to make it even lighter and more durable.

**Version:** Dual band PMR446/LPD  
**Colour:** Black /Mimetic Mossy Oak®  
**Channels:** 16 + 16 pre-set PMR446 - 69 LPD  
**Tones:** 38 CTCSS + 104 DCS

**Features**

- **8 new PMR446 channels**
- **Extended frequency band:** from 446.00625 to 446.19375MHz
- Weatherproof IPX4
- High-performance loudspeaker
- Wide LCD display (**30% wider** than the previous version)
- Weatherproof IPX4
- Double PTT button for high/low power
- Emergency function
- Out of range function
- VOX with TalkBack™
- Side tone: end of transmission tone silencer
- Vibracall, Dual Watch
- Keypad lock, Scan, Monitor
- TOT (Time Out Timer)
- Low battery indicator and power save
- 12cm antenna to make the most of the full radio transmission power
- High-low power selection
- Call button with 5 available tones
- Roger Beep: end of call tone (can be deactivated)
- Power supply: batteries or battery pack Ni-MH/Li-Ion (optional)
- 2-pin accessory socket
- Compatible wall charger: MW904

**Packaging and codes**

Radio, desktop charger, wall adapter, 4 rechargeable AA batteries (1800 mAh), belt clip.

**code C1385 Dual band black version**

**code C1385.01 Dual band mimetic version**

**Export version 5W**

# G9 Pro

The world's best-selling outdoor radio

 CHANNELS 36 PMR446+69 LPD	 CTCSS+DCS TONES	 WEATHERPROOF IPX4	 SIDE TONE	 EMERGENCY	 DUAL PTT
 CALL	 DUAL WATCH	 TOT	 OUT OF RANGE	 VOX TALK BACK	 VIBRACALL
 SCAN	 BATTERY LEVEL	 AA BATTERY	 BATTERY PACK NI-MH OR LI-ION (OPT)	 2-PIN	

Discover the video



**Midland G7 Pro** is the radio for those who love outdoor activities. Hiking, airsoft, climbing, hunting are just a few examples of the perfect use of this walkie talkie. A compact and elegant design that always accompanies you in your passions. Among the optional accessories you can choose the lithium battery pack to make it even lighter and more durable.

**8 new PMR446 channels ensure a low level of congestion (traffic-free radio spectrum).**

**Version:** Dual band PMR446/LPD  
PMR446

**Colour:** Grey/Black - Mimetic Mossy Oak

**Channels:** 16 PMR446 - 69 LPD

**Tones:** 38 CTCSS + 104 DCS

**Features**

- **8 new PMR446 channels**
- **Extended frequency band:** from 446.00625 to 446.19375MHz
- Dual watch: to monitor 2 different channels at the same time
- Double PTT hi/low power
- Vibracall, Keypad lock
- Auto power save: automatic battery saving
- Low battery indicator
- 3 types of VOX (Vox standard - Vox Baby-Sitting - Vox Bike) adjustable to 2 levels, for hands-free communication
- CALL with 5 different melodies, SCAN
- Power supply: battery pack Ni-Mh 800 mAh or Li-Ion 1200 mAh (optional), 4 AA batteries
- Roger beep end call switchable
- 2-pin accessory socket
- Compatible wall charger: MW 904

**Packaging and codes**

**Box single pack:**

Radio, wall charger, 4 rechargeable Ni-MH AA 1.2V/800 mAh batteries, belt clip.

**code C1090.14 Dual band black version**

**code C1090.15 Dual band mimetic version**

**Box twin pack:**

2 radios, double desktop charger, wall adapter, 2 800 mAh battery packs, belt clip.

**code C1090.13 Dual band black version**

**Export version 3W**

# G7 Pro

Perfect combination of simplicity and efficiency

<b>85</b> CHANNELS 16 PMR446+69 LPD	<b>142</b> CTCSS+DCS TONES	 WATERPROOF IPX2	 CALL	 VOX	 SIDETONE
 DUAL PTT	 HIGH/LOW POWER	 DUAL WATCH	 VIBRACALL	 TOT	 BATTERY LEVEL
 AA BATTERY	 BATTERY PACK NI-MH OR LI-ION (OPZ)	 2-PIN			

*An indestructible case designed for the harshest environments. Earphones, desktop chargers and rechargeable batteries are included in a kit that can be easily carried anywhere.*



## G9 Pro

Work Edition



## G7 Pro

Work Edition



### Packaging and codes

#### Work Edition:

2 G9 Pro transceivers with belt clips, 8 1800 AA Ni-MH rechargeable batteries, 2 desktop chargers, 2 wall power supplies, 2 MA24-L microphones.

#### code C1385.04 Black dual band

4 G9 Pro transceivers with belt clips, 16 1800 AA Ni-MH rechargeable batteries, 4 desktop chargers, 4 wall power supplies, 4 MA24-L microphones.

#### code C1385.05 Black dual band



### Packaging and codes

#### Work Edition:

2 G7 Pro transceivers with belt clips, 1 double desktop charger with wall adapter, 2 800mAh battery packs, 2 MA24-L microphones.

#### code C1090.18 Black dual band

4 G7 Pro transceivers with belt clips, 2 double desktop chargers with wall adapters, 4 800 mAh battery packs, 4 MA24-L microphones.

#### code C1090.19 Black dual band





■ **XT70 Adventure**  
The full optional case

69 LPD and 24 PMR446 channels, 38 tones, communications up to 12 km and 18 hours autonomy. That's what the dual band **Midland XT70** walkie talkie is, a perfect choice to communicate freely and safely. If you are also looking for an exceptional packaging, there's the Adventure version with premium case!

- Version:** PMR446/LPD
- Colour:** Blister Black /Dark grey  
Case Black /Yellow
- Channels:** 8 + 16 pre-set PMR446 - 69 LPD
- Tones:** 38 CTCSS + 83 DCS

**Features**

- Communications up to 12 km\*
- Premium Radio with Volume Knob
- Rechargeable via USB
- Side tone: end transmission tone muffler
- Wide display
- Out of range
- Baby-Sitting function
- Keypad lock
- Auto power save: automatic battery saving
- Low battery indicator
- VOX with 9 levels of sensitivity
- CALL with 5 selectable tones
- SCAN
- High/low power selection
- Fast charger (4 hours)
- Power supply: Rechargeable battery pack (up to 18 hours battery life)
- 2-pin accessory jack/USB for charging

**Packaging and codes**

**Blister:**  
2 radios, 2 professional belt clips, 1 double desktop charger, 2 rechargeable battery packs, USB cable, 2 earpiece microphones MA21-Li.  
**code C1180**

**Case:**  
2 radios, 2 professional belt clips, 2 single desktop fast chargers, 2 rechargeable battery packs, 2 wall adapters, 2 USB cables, earpiece microphones MA21-Li.  
**code C1180.01**

## XT70 | XT70 Adventure

12 Km range\*, with earphones, volume knob and quick desktop charger

<b>93</b> CHANNELS 24 PMR446+69 LPD	<b>121</b> CTCSS+DCS TONES	 DISPLAY NIGHT	 VOX 9 LEVELS	 SCAN	 SIDE TONE
 CALL 5 TONES	 BATTERY LEVEL	 OUT OF RANGE	 BABY SITTER	 HIGH/LOW POWER	 BATTERY PACK BATTERY LIFE 18H
 USB CHARGE	 2-PIN				

\* In optimal environmental and atmospheric conditions



When things get serious, when requirements increase, Midland responds and it does it with the **Midland XT60**, a dual band walkie talkie that guarantees communications up to 10 km over 69 LPD and 24 PMR446 channels. Freedom and technology in just one tool.

**Version:** PMR446/LPD  
**Colour:** Black /Light blue  
**Channels:** 8 + 16 pre-set PMR446 - 69 LPD  
**Tones:** 38 CTCSS + 83 DCS

#### Features

- Communications up to 10 Km\*
- Advanced radio with volume knob
- Rechargeable via USB
- Night vision display
- Side tone: end transmission tone muffler
- Auto power save: automatic battery saving
- Low battery indicator
- VOX with 9 levels of sensitivity
- CALL with 5 selectable tones
- SCAN, Keypad lock
- High/low power selection
- Fast charger (3 hours)
- Power supply: Rechargeable battery pack (**up to 12 hours battery life**)
- 2-pin accessory jack/USB for charging

#### Packaging and codes

Blister with 2 radios, 2 belt clips, 1 double desktop charger, 2 rechargeable battery packs, USB cable.  
**code C1179**

## XT60

10 Km range\*, with volume knob and quick desktop charger

<b>93</b> CHANNELS 24 PMR446-69 LPD	<b>121</b> CTCSS+DCS TONES	 DISPLAY NIGHT	 VOX 9 LEVELS	 SCAN	 SIDETONE
 CALL 5 TONES	 BATTERY LEVEL	 HIGH/LOW POWER	 BATTERY PACK BATTERY LIFE 12H	 USB CHARGE	 2-PIN

\* In optimal environmental and atmospheric conditions



■ **XT50 Adventure**  
The full optional case

24 channels, 38 tones, communications up to 8 Km and 12 hours autonomy are just some of the features that make this **Midland XT50** walkie talkie a real jewel of free radio-communications. Available also in the practical Adventure version with premium case!

- Version:** PMR446
- Colour:** Blister Black / Grey  
Case Black / White
- Channels:** 8 + 16 pre-set
- Tones:** 38 CTCSS

**Features**

- Communications up to 8 Km\*
- Rechargeable via USB
- Side tone: end transmission tone muffler
- Keypad lock
- Auto power save: automatic battery saving
- Low battery indicator
- VOX with 3 levels of sensitivity
- CALL
- SCAN
- Power supply: Rechargeable battery pack (up to 12 hours battery life)
- 2-pin accessory jack/USB for charging

**Packaging and codes**

**Blister:**  
2 radios, 2 belt clips, 1 double desktop charger, 2 rechargeable battery packs, USB cable.  
**code C1178**

**Case:**  
2 radios, 2 belt clips, 1 double desktop charger, 2 rechargeable battery packs, USB cable, 1 wall adapter, 2 earphones MA21Li.  
**code C1178.03**

# XT50 | XT50 Adventure

8 Km range\*, with desktop charger

<b>24</b> CHANNELS	<b>38</b> CTCSS TONES	VOX 3 LEVELS	SCAN	SIDETONE	CALL
BATTERY LEVEL	BATTERY PACK BATTERY LIFE 12H	USB CHARGE	2-PIN		

\* In optimal environmental and atmospheric conditions

# XT10 and XT30

Easy-to-use walkie talkies that are ideal for families.





## XT30

6 Km\* range

<b>16</b> CHANNELS	<b>38</b> CTCSS TONES	VOX	SIDE TONE	SCAN
CALL	BATTERY LEVEL	BATTERY AAA BATTERY LIFE 5H	USB CHARGE	2-PIN

The **XT30** walkie talkie concentrates in a light and easy to use tool everything you need to communicate up to 6 Km away. By means of a 5 hours battery life and a recharge via USB, this emerald-green jewel will make you run!

**Version:** PMR446  
**Colour:** Black /Metallic green  
**Channels:** 8 + 8 pre-set  
**Tones:** 38 CTCSS

### Features

- Communications up to 6 Km\*
- Rechargeable via USB
- Side tone: end transmission tone muffler
- Auto power save: automatic battery saving
- Low battery indicator
- Keypad lock, VOX, CALL, SCAN
- Power supply: 3 rechargeable AAA batteries (**up to 5 hours battery life**)
- 2-pin accessory jack/USB for charging

### Packaging and codes

Blister with 2 radios, 2 belt clips, 6 AAA rechargeable batteries, 2 way USB cable.

code **C1177**



## XT10

4 Km\* range

<b>16</b> CHANNELS	<b>38</b> CTCSS TONES	VOX	SIDE TONE	SCAN
CALL	BATTERY LEVEL	BATTERY AAA (NOT INCLUDED)		

Light, very simple to use, coloured in order to avoid the usual “Hey, where did I put the walkie talkie?”, that’s the **Midland XT10**. The entry level that combines technique, offering communications up to 4km, with simplicity and saving.

**Version:** PMR446  
**Colour:** Black /red  
**Channels:** 8 + 8 pre-set  
**Tones:** 38 CTCSS

### Features

- Communications up to 4 Km\*
- Side tone: end transmission tone muffler
- Auto power save: automatic battery saving
- Low battery indicator
- Keypad lock, VOX, CALL, SCAN
- Power supply: 3 AAA batteries

### Packaging and codes

Blister with 2 radios, 2 belt clips.

code **C1176**



**XT5** is the new and colourful pocket 'miniature' radio for the whole family. Use real channels, scan all frequencies in a 4km range, use half-duplex transmission and make the adventure even more thrilling!

Designed to have fun with the whole family and of course with friends, the new XT5 walkie talkie is compact, available in bright colours and almost stylized in shape.

Easy to use and intuitive, the walkie talkie in question is equipped with a screen, which displays the channel you are using or the battery level, and a group of 5 buttons with the PTT button in the centre, which is easily recognizable and opens communication with other radios.

XT5 also allows customizing some functions, such as the activation of the Roger Beep as an alert at the end of the call or to silence the tone at the end of the transmissions.

Fun to use, in the open air the XT5 walkie talkie becomes indispensable for every little explorer, attached to the belt via the practical clip.

- Version:** PMR446
- Colour:** Blue/Yellow/Red/Green
- Channels:** 8
- Tones:** 38 CTCSS

**Features**

- Roger Beep
- Range: up to 4 km\*
- Belt clip
- VOX on 3 levels
- SCAN function
- 38 CTCSS tones
- Monitor
- Channels scan
- Battery level indicator
- Transmission end tone silencer
- Call function

**Packaging and codes**

**2 radio**

Blister with 2 blue radios with belt clips.

**C1425**

**XT5 Quadpack**

Blister with 4 radios in different colours and belt clips.

**C1425.01**

# XT5

The walkie talkie for families

\* under optimal operating conditions

<b>8</b> CHANNELS	<b>38</b> CTCSS TONES	 VOX 3 LEVELS	 SCAN	 SIDETONE	 CALL
 BATTERY LEVEL					



Please check your country  
use restrictions



Very small: 100x85x22mm

## GB1-R

The PMR446 that looks like a CB



**GB1-R** guarantees wide-ranging communications and radio contact with other users equipped with PMR446 equipment. Superb solution for those who **travel by car or caravan**, above all due to the fact that, operating on PMR446 frequencies, it is not affected by disturbances generated by the engine of your vehicle. **GB1-R**, thanks to its very small size, integrated magnetic antenna and the supplied 12V cigarette lighter plug, can be installed and removed quickly without having to be fixed in the special compartment of the dashboard. The metal chassis makes it very robust to ensure excellent performance over the years.

**Version:** PMR446

**Colour:** Black

**Channels:** 8 + 91 pre-set

**Tones:** 50 CTCSS + 104 DCS

### Features

- Microprocessor-controlled frequency
- 'Flip' function: the transceiver can be fitted with the speaker aimed downwards or vice-versa, the display is inverted by pressing a button
- Adjustable squelch on 9 levels
- SCAN function and Monitor
- LCD display
- Integrated magnetic antenna
- TOT (Time out timer)\*
- Side tone: noise blanker at end of transmission
- Busy channel (BCLO-Busy Channel Lockout)\*
- Broad/narrow band selection 25KHz/12.5KHz (only export version)\*
- High/low power (only export version)\*

### Packaging and codes

Radio, microphone, microphone holder, integrated wired magnetic antenna, mounting bracket, fixing screws, supply cable with 12V car charger.

**code C1198.02**

### Export version 5W

\* Software programmable only Extra UE countries

### Programming software PRG-GB1

**C1227**

Complete with USB cable to connect to a PC



# The real radio amateurs.

They are people who, both out of passion and out of curiosity, entered the wonderful world of radio and were able to appreciate the joy that you feel when communicating thousands of kilometres away.  
 From a regulatory point of view, the radio amateur is a person authorized to transmit, that is, who has obtained the so-called license and general authorization.

## How to achieve this?

First of all, it is necessary to acquire a minimum of knowledge of radio technology and the use of all the frequencies assigned internationally to the Amateur Service.


The figure of the radio amateur still plays a very important role in the event of a disaster by making available its tools and ability to ensure links between the various bodies in order to disseminate news and coordinate relief efforts.

# VHF/UHF models in comparison

## Key


					
Distance	Mechanical resistance	Functions	Autonomy	Water resistance	Price

**CT990-EB**




Distance	Autonomy	Mechanical resistance	Water resistance	Functions	Price
----------	----------	-----------------------	------------------	-----------	-------

**CT3000**



Mechanical resistance	Functions	Price
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**CT590 S**



Distance	Autonomy	Mechanical resistance	Water resistance	Functions	Price
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**Arctic**



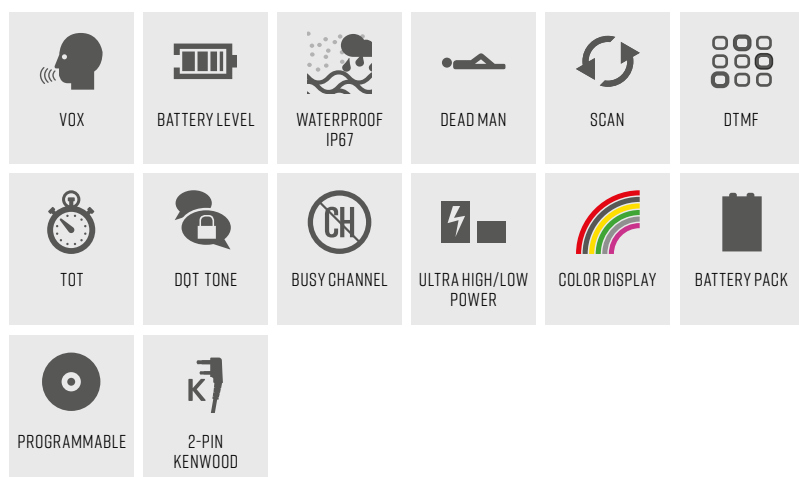
Distance	Autonomy	Mechanical resistance	Water resistance	Functions	Price
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NEW



## CT990-EB (Extra Battery)

The most powerful VHF/UHF,  
autonomy up to 21 hours



### ■ Supplied with 2 antennas

**Long antenna:** enhances the radio performance in TX/RX

**Short antenna:** allows better handling

**CT990-EB, IP67 certified** for use even in extreme conditions, has two supplied antennas that allow you to choose based on the type of use and requirements. Thanks to its **10W**, this radio has a good potential to hook up a repeater bridge, and for example reach distances of a few tens of kilometres, even 50 Km. The **CT990-EB** is equipped with the **Dead Man** or Man Down function, very useful when you are alone or isolated. This function constantly monitors the status of the person wearing the radio and detects a fall to the ground due to illness or injury. **CT990-EB** is the reliable radio you can always take with you.

<b>Version:</b>	Dual Band VHF/UHF
<b>Colour:</b>	Black
<b>Frequency:</b>	144-146MHz (Export 136-174MHz) 430-440MHz (Export 400-470MHz)
<b>Output power:</b>	10W VHF/UHF

### Features

- 257 memory channels
- 83 + 83 DCS codes and 38 CTCSS tones
- Selectable channel spacing 25/12.5 KHz
- Dual band VHF/UHF displayed
- Frequency band (settable according to country/area of use): 144-146MHz & 430-440MHz (Rx/Tx).
- Operating mode: UHF/VHF, VHF/VHF or UHF/ UHF
- Selectable channel step 25/12.5KHz
- IP67 certificate
- Dead Man function
- **DQT function (private conversation)**
- Wide colour LCD display
- Activation tones for repeater bridges
- Individual/group selective calls
- VOX, Side Tone, Roger Beep functions
- Voice indication of the selected function "VOICE"
- Optional display of the channel number, channel number and frequency, channel name
- Inverted frequency function
- Scan function/FM radio receiver
- Selectable transmission power: 10/5W
- Frequency offset, Shift repeater
- "Busy channel lock" function
- Output power level indicator on the display
- TOT (Time Out Timer), Keypad lock
- Reset of functions/channels
- Low battery voice announcement
- Li-Ion 3600mAh battery pack
- Accessory socket: 2-pin Kenwood

### Packaging and codes

Radio, **long and short antennas**, Li-Ion 3600mAh battery pack, belt clip, desktop charger, wrist strap, wall adapter.

**code C1339.01**

### Programming software PRG10 - C974.01

Complete with USB connection cable for PC



**Version:** VHF/UHF  
**Colour:** Black  
 Mimetic Mossy Oak orange  
**Frequency:** 144-146MHz  
 (Exp. 136-174MHz)  
 430-440MHz  
 (Exp. 400-480MHz)  
**Output power:** 5W VHF/UHF

#### Features

- 50 CTCSS tones and 208 DCS codes
- 128 channels can be stored
- 1750Hz tone for repeater bridges
- Emergency SOS function
- Channel and dual band VHF/UHF displayed
- Operation mode:  
UHF/VHF, UHF/UHF, VHF/VHF
- Output power: 5W UHF/VHF
- 3-colour LCD display with selectable  
backlight
- FM radio receiver (87.5-108MHz)
- Scan, Dual Watch
- Channel Spacing: 25KHz/12.5KHz
- VOX adjustable on 10 levels
- Channel or frequency mode selection
- TOT (Time Out Timer)
- DTMF Function
- Reverse function
- Emergency alarm function
- Setting up and storing channel names
- CTCSS and DCS code search function
- PTT-ID
- BCLO (Busy Channel Lockout function): busy  
channel lock function
- High/low power selection
- Frequency step: 2.5/5/6.25/10/12.5/25KHz
- Adjustable Frequency Offsets: 0-69.990MHz
- Adjustable Offset Direction
- Squelch adjustable on 9 levels
- Voice announcement of the selected function
- Keypad lock
- Power Save (battery economy)
- Programmable from PC
- Li-Ion 1500mAh battery pack
- 2-pin Kenwood Accessory socket

#### Packaging and codes

Radio, 1500 mAh 7.4V Li-Ion battery pack,  
desktop fast charger, wall adapter, antenna,  
belt clip.















**code C1354 Black**  
**code C1354.02 Blaze**

#### Programming software PRG10 - C974.01

Complete with USB connection cable for PC

## CT590 S | CT590 Blaze

The entry level dual bander

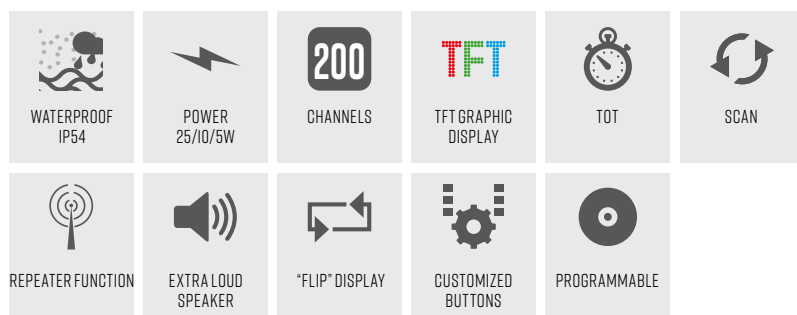
 VOX	 BATTERY LEVEL	 EMERGENCY	 SCAN	 CTCSS/DCS SCAN	 TOT
 BUSY CHANNEL	 HIGH/LOW POWER	 DTMF	 FM RADIO	 VOICE ANNOUNCEMENT	 DISPLAY 3 COLOURS
 BATTERY PACK	 PROGRAMMABLE	 2-PIN KENWOOD			





## CT3000

The professional amateur radio



**CT3000** can be defined “**professional**” as it has 6 customizable buttons on the front (P1-P6) through which you can set various functions, and not only: 2 functions can be associated to these 6 keys at the same time, divided into 2 groups of menus. To guarantee excellent communications even long range, CT3000 boasts high selectable **transmission power: 25W** (high), **10W** (medium) and **5W** (low).

Its metal chassis makes it an extremely robust radio, suitable for extreme situations, which also ensures better heat dissipation, very useful to prevent the radio from overheating.

The IP54 certification ensures high protection against dust and splashes and also allows using the radio outdoors.

**CT3000** boasts the “**flip**” function: the radio can be rotated by 180° and the display will still be correct.

**Version:** Dual Band VHF/UHF

**Colour:** Black

**Frequency:** 144-146MHz  
(Export 136-174MHz)  
430-440MHz  
(Export 400-470MHz)

**Output power:** 25/10/5W

### Features

- Operating mode: UHF/VHF, VHF/VHF or UHF/UHF
- Dual band display (VHF/UHF), channel number or channel number and frequency.
- Wide colour TFT display, rotating by 180°
- Scan of the stored channels
- Automatic adjustable Digital Squelch, Scan function, Dual Watch, Roger Beep, Keypad lock, TOT (Time out Timer)
- 200 customizable memory channels
- 104 + 104 DCS inverted codes and 51 CTCSS tones
- Adjustable backlight
- Automatic switch ON/OFF
- Activation tones for repeaters (1000/1450/1750/2100Hz)
- Bandwidth selectable on three levels 12.5/20/25KHz
- Frequency inversion function
- Frequency step: 2.5/5/6.25/10/12.5/20/25/30/50KHz.
- Frequency offset and selectable offset direction
- Output power level indicator on the display
- 12.6V+/- 10% power supply
- Microphone with RJ45 multifunction keypad

### Packaging and codes

Radio, microphone with keypad, fixing bracket, power cable, microphone holder, screws and protection fuse.

**code C1325**

### ■ R74574

2 m long microphone extension cord for M-5/M-30/CT3000

### Programming software PRG-3000 - C1352

Complete with USB connection cable for PC



# Arctic

Safety at sea

**MIDLAND**<sup>®</sup>  
MOVING COMMUNICATION



# Arctic

The ultimate marine portable VHF radio



■ **Multi CA PB-G15 - C1251**  
6 position multicharger (optional)

**Midland Arctic** is a IP67 certified VHF marine portable transceiver combining professional technical features with sturdiness and reliability. Its functions are all at hand, including the **button to access emergency channel 16 straight away**. The antenna can be removed and thanks to the standard **SMA connector**, it is possible to use other types of antenna. The management of the Charlie and Alpha channels and functions takes place via optional programming software.

### Features

- IP67 waterproof certification
- Aluminium chassis
- Transmission power: 5W
- High/low power selection (5W/1W)
- 57 international channels
- Programmable channels (through software) - also Charlie and Alpha!
- Backlit wide LCD display
- Instant access to the emergency channel 16
- VOX, SCAN function
- Dual Watch/Triple Watch
- 10 different Squelch levels
- Priority channel
- Keypad lock
- Roger Beep (end of call tone) and keypad beep
- Flat battery indicator and automatic battery saver
- Power supply: Li-Ion battery pack
- 2-pin Motorola accessory socket

### Packaging and codes

Radio, desktop charger, wall adapter, Li-Ion 1600 mAh rechargeable battery pack, belt clip.

**code C1240**

**Export version: USA/Canada channels**

### Programming software PRG-G15 - C1131

Complete with USB connection cable for PC

57 CHANNELS	5W 1W POWER	WATERPROOF IP67	SCAN	VOX	DUAL WATCH
TRIPLE WATCH	HIGH/LOW POWER	BATTERY LEVEL	BATTERY PACK	PROGRAMMABLE	2-PIN MOTOROLA



Radio accessories



## Earpieces microphones

### 2-Pin "L" shaped socket

Only PTT

#### MA21 Secure TX C1543

Microphone with adjustable earpiece and PTT, with curly cord.

NEW



#### MA 21-Li C709.07

Earpiece microphone.



#### MA 24 Secure TX C1544

Earpiece microphone with ergonomic and comfortable headset and PTT.

NEW



#### MA 26 - XL C515.05

Speaker microphone with volume control and earpiece socket.



#### MA 31 Secure TX C1545

Microphone with pneumatic earpiece and PTT.

NEW



### 2-Pin "L" shaped socket

VOX+PTT

#### MA 21-L Pro C1496

Microphone with adjustable earpiece and selectable PTT/VOX, with curly cord.

NEW



#### MA 24-L Pro C1525

Speak/listen microphone with selectable PTT/VOX.

NEW



#### MA 28 - L C559.03

Speak/listen microphone with selectable PTT/VOX  
NB: MA28-G5 except Alan421-G5XT.



#### MA 30 - L Pro C1526

Microphone with adjustable arm and selectable PTT/VOX.

NEW



#### MA31 L Pro C1497

Microphone with pneumatic earpiece and selectable PTT.

NEW



#### MA 35 - L C652.02

Headphone with microphone.



### 2-Pin "L" Motorola socket

#### MA 25-M C1129

Waterproof speaker microphone, compatible with Midland G15/G18 line.



#### MA 27-M C1130

Microphone with PTT, compatible with Midland G15/G18 line.



#### MA 31-M C732.06

Microphone with pneumatic earpiece, compatible with Midland G15/G18 line.



### 1-Pin socket

#### MA21-777 Pro C1437

Microphone earphone with PTT, 1 pin 3.5 mm (777 Pro).



#### MA31-777 Pro C1438

Microphone with pneumatic earpiece and PTT, 1 pin 3.5 mm (777 Pro).



#### MA 21-SX C709.02

Microphone with adjustable earpiece and selectable PTT/VOX, with curly cord (Midland 777).



# Microphones earphones

## 2-Pin "L" shaped Kenwood socket



### BA21 C1298 HIGH PERFORMANCE

Adjustable earpiece microphone and PTT. Ergonomic and comfortable, extremely robust cable for professional use.



### BA24 C1296 HIGH PERFORMANCE

Headset microphone. Ergonomic and comfortable, extremely robust cable for professional use.



### BA31 C1299 HIGH PERFORMANCE

Microphone with pneumatic headset and PTT. Discreet and flexible, high quality transparent hose. Extremely rugged cable for professional use.



### MA 21-LKi C1306

Microphone with adjustable earpiece curly cord, competitive price.



### MA 21-LK C709.04

Microphone with adjustable earpiece and PTT, with curly cord. L-shaped 2-pin accessory socket.



### MA 21-XK C709.06

Microphone with adjustable earpiece and PTT.



### MA21-LK Pro C1496.01

Microphone earphone.



### MA21-KE C1495

Microphone with pneumatic headset. **Listening only**



NEW

### MA22-LK Pro C1542

Speaker microphone. Only PTT.



### MA25 LK C1540

Speaker microphone waterproof.



NEW

NEW

### MA31-LK C732.04

Microphone with pneumatic headset.



## 1-Pin socket listening only turistic use (1 use)



### C1209.01

Earphone double ear pavilion, 2.5 mm - cable length 115 cm.



### C1243

Iphone style earphone, mono, 3.5 mm Listening only (for Alan 507).



### C1282

Iphone style earphone, jack silver 3.5 mm - cable length 115 cm.

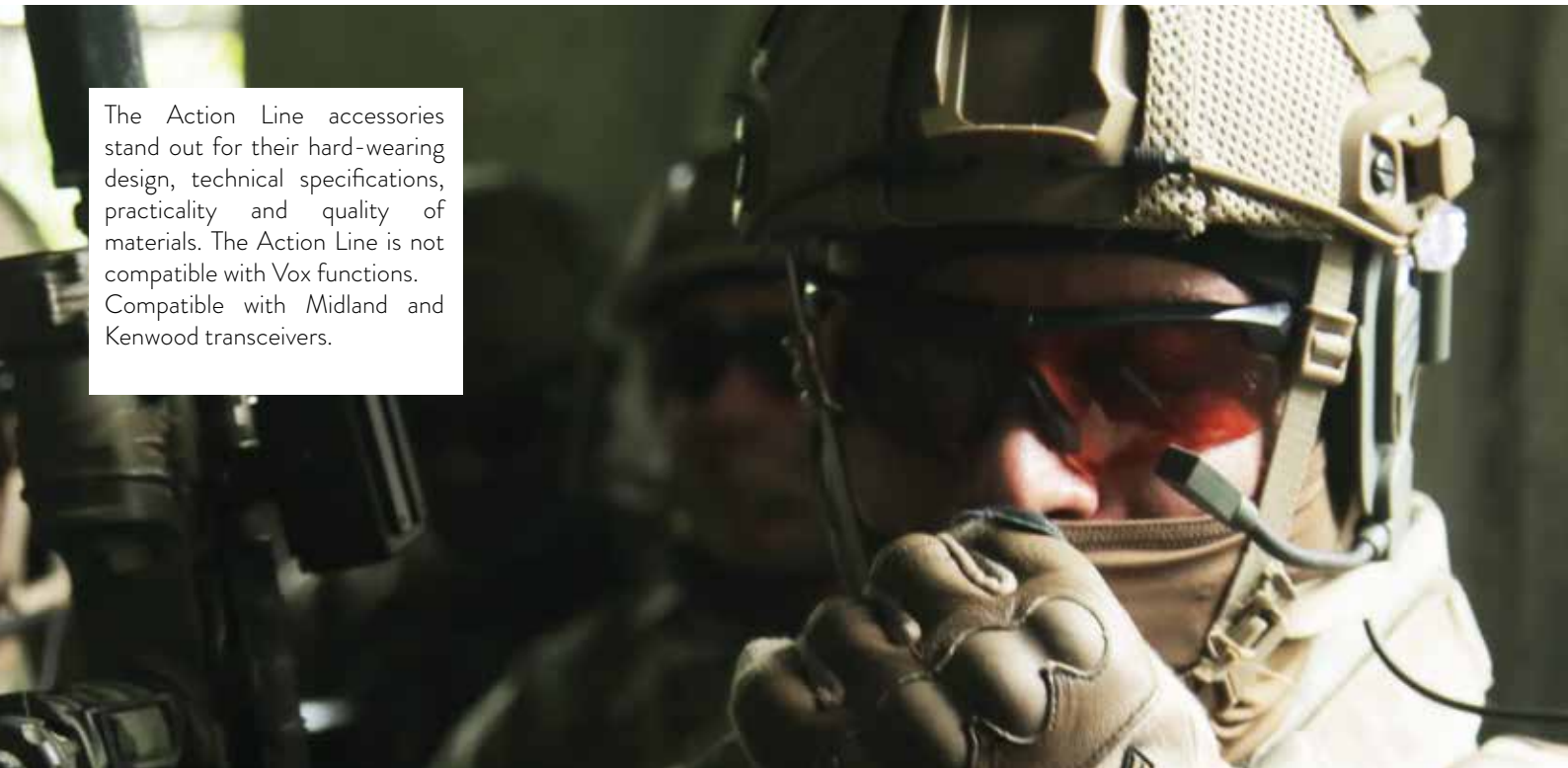


### C987.01

Earphone mono, 2.5mm. Package of 100 pcs.



The Action Line accessories stand out for their hard-wearing design, technical specifications, practicality and quality of materials. The Action Line is not compatible with Vox functions. Compatible with Midland and Kenwood transceivers.



## Earpiece accessories for Softgunners

### Military headset



#### To listen without being heard

Military headset with detachable boom microphone (**it can be worn on the right or on the left**), tactical PTT and dual sound system (traditional speaker or air tube earpiece).



#### Bow-M Evo C1046.02

2-Pin Midland socket

#### Bow-M Evo K C1046.03

2-Pin Kenwood socket

### PTT+Clip



#### PTT+Clip Midland for Bow-M C1088

2-Pin Midland socket

#### PTT+Clip Kenwood for Bow-M C1088.01

2-Pin Kenwood socket



### Microphone with PTT

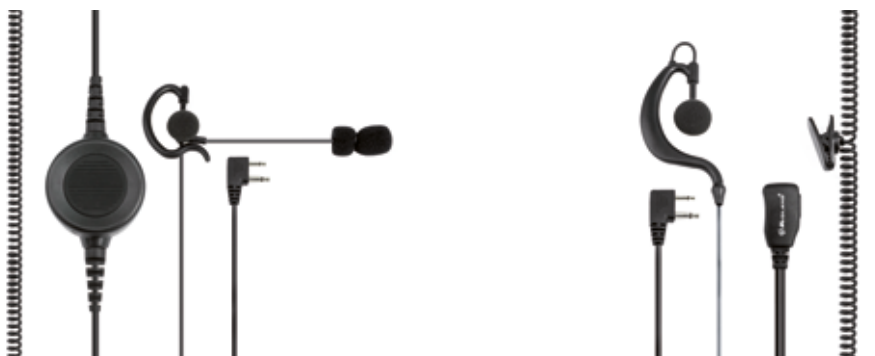


#### ABM Tactical C855.01

Earpiece microphone with adjustable arm and tactical PTT. 2-Pin Midland socket.

#### A21M C858

Earpiece microphone with standard PTT. 2-Pin Midland socket.



### Earpiece



#### EP21 C859

Earpiece 3.5mm jack socket (not compatible with Midland 777).

**Listening only**



## Walkie talkie accessories

### Chargers



#### **R73713** **G7 Pro**

Double desktop charger  
**Attention: to be used only with R73168 wall charger.**

#### **R73579** **Midland 777 Onda**

Double desktop charger.

### Cigarette lighter



#### **AL777 C803** **777, G5 R1, G12, Pacific**

Cigarette lighter power lead.

### Wall chargers



#### **MW904 C689** **G9 Pro, G9 G9 Plus, G7 Pro G7XT, G6XT G5XT, G8, M24 MA48, MA99**

Wall charger.

#### **MW905 C887** **Midland 777 Onda, G12 G5 R1, Pacific**

Wall charger.

#### **R71968** **Midland 777 Onda**

Wall charger with double jack.

### Batteries



#### **C1433** **G9 Pro**

AA rechargeable battery  
1800mAh (4 AA).

#### **PB-777Pro R01956** **777 Pro**

1000mAh Lithium rechargeable battery pack.

#### **Battery Kit 4 Pcs R02246** **Midland 777 Onda**

650mAh Lithium rechargeable battery.

#### **PB-G10 Pro C1454** **G10 Pro G13**

2600mAh Lithium rechargeable battery.

#### **PB-G10 C1126** **G10**

1200mAh Lithium rechargeable battery.

#### **R74421** **G10 Mimetic**

1200mAh Lithium rechargeable battery.

#### **PB-G11 C967** **G11 Pro G11 V, G11**

1600mAh Lithium rechargeable battery.



#### **PB-G15/18 C1128** **G15, G18 line**

1600mAh Lithium rechargeable battery.

#### **PB-Pro C1148** **G7 Pro G9 Pro**

1200mAh Lithium rechargeable battery.

#### **PB-ATL/G7 C784** **G7 line, G9, Pacific**

800mAh Ni-MH rechargeable battery.

#### **PB-X7 C1301** **XT 70**

1000mAh rechargeable battery pack.

#### **PB-X6 C1300** **XT60 XT 50**

700mAh rechargeable battery pack.

#### **PB-BR01 R74611** **BR01**

2800mAh Lithium rechargeable battery pack.

#### **PB-BR02 C1305** **BR02**

1800mAh Lithium rechargeable battery pack.

#### **PB-BR03 R01916** **BR03**

2300mAh Lithium rechargeable battery pack.

#### **PB G6/G8 C881** **G8, G6 M24-S, 48-S M99-S**

800mAh Ni-MH rechargeable battery.

#### **PB200/400 C846** **G14**

1200mA Lithium rechargeable battery pack.

#### **PB-70 Pro C1523** **XT70 Pro G7/G9 line**

700mAh Ni-MH rechargeable battery pack.

### Multichargers



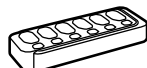
#### **Multi CA PB-G15 C1251** **G15, G18 line**

6 position multicharger.



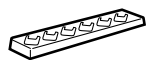
#### **Multi CA PB-G10 C1218** **G10**

6 position multicharger.



#### **Multi CA PB-BR03 C1353** **BR03**

6+6 position multicharger.



#### **Multi CA PB-BR02 C1295** **BR02**

6 position multicharger.



## VHF/UHF accessories

### Earpiece



**R73725**

Earpiece microphone.

CT 510

See other earpieces/microphones with 2-pin Kenwood accessory socket, page 69.

### Chargers



**C1456**

CT990 charger.

CT990

**R73642**

Desktop battery charger  
(to be used with the  
USB cable R73644).

CT 510

**R74116**

Quick desktop charger with wall adapter.

CT890

### Batteries



**R02915**

3600Mhz Li-Ion rechargeable battery.

CT 990

**R01937**

2200Mhz Li-Ion rechargeable battery.

CT 990

**PB-AA890 C1212**

Empty battery pack to charge  
5 AA batteries (not included).

CT 890

**PB200/400 C846**

1200mAh Li-Ion rechargeable battery.

CT 200/400

CT 210  
CT410/710

### USB cable



**R73644**

USB cable.

CT 510

## VHF/UHF antennas



**ANT710 R01940**  
for **CT510 CT710 CT890**



**R74455**  
for **CT690 CT590 CT790**  
**CT200 CT400**



**RH-771 C637**  
Flex



**SRH-536 C646**  
Super Flex-SMA

Features	ANT710	R74455	RH-771	SRH-536
Frequency	TX: 144/430 MHz	TX: 144/430 MHz	TX: 144/430 MHz	TX: 144/430 MHz
Type	1/4λ(144MHz) 1/2λ(430MHz)	1/4λ- (144 MHz) 1/2λ- (430 MHz)	1/4λ(144MHz) 1/2λ(430MHz)	1/4λ- (144 MHz) 1/2λ- (430 MHz)
Band	136/174 MHz 400/470 MHz	136/174 MHz 400/470 MHz	120-150/300-450 MHz 800-900 Mhz only in RX	300/800 MHz 900 MHz only in RX
Length (cm)	13	13	40	37
Connector type	SMA male	SMA female	BNC	SMA

## Various accessories

### Midland wireless "WA" accessories

The Midland Wireless "WA" range of accessories allows to use any Midland transceiver (fitted with a 2-Pin socket) wirelessly. All devices have a rechargeable lithium battery, with USB cable for charging.

#### The WA series includes:

- **Mini-WA-CB Bluetooth Adapter for M-10, M-20, M-Mini:** when connected to the portable or vehicular transceiver socket, you can choose the most suitable WA Series earphone according to your needs.
- **Bluetooth earphone WA29:** this earphone comes with a small PTT. With WA29 you can also pair any Bluetooth-equipped phone.



#### WA-CB C1276

Bluetooth mini-adapter for M-10, M-20, M-Mini.



#### WA29 C1203

Bluetooth headset microphone with neckband and PTT for WA-CB.

### Walkie talkie antennas



#### G7 Flex C646.01

Flex antenna with adapter.  
Length: 35cm.  
For Midland **G7** line,  
**G8, G9, G14, G11,**  
**G15, G18.**



#### R72770

Short antenna.  
Length: 9 cm  
For Midland **G11,**  
**G14, G15, G18.**



#### R73197

Long antenna.  
Length: 16 cm  
For Midland **G11,**  
**G14, G15, G18.**

### Adapters and USB chargers

#### MP-W Adapter C1197

12V cigarette lighter/Din adapter (BMW).



#### KIT243

12V power supply with cigarette lighter socket and hook to fix it to the handlebar. Splashproof (lid closed).  
With fuse, 1.2m cable.



#### MP-H 2 USB Pro C1494

Dual USB socket motorcycle charger.



#### MP-DIN USB-C C1514

12/24V charger with USB+USB-C DIN socket.



### Battery eliminator

#### C1406

Battery eliminator with power supply cable (cigarette lighter plug) for **G15/G18** line and **Artic.**



## Walkie talkie - Business overview tables

Model	777 Pro	G18 Pro	G15 Pro	G13
<b>Band</b>	PMR446-LPD (Dual band)	PMR446	PMR446	PMR446
<b>Channels</b>	PMR446: 16 LPD: 69	16+83 pre-set	16+16 pre-set	16+83 pre-set
<b>CTCSS and DCS</b>	38 CTCSS/104 DCS	50 CTCSS, 105 DCS	50 CTCSS, 105 DCS	50 CTCSS 106 "N+106 "I" DCS
<b>Vox</b>	9 sensitivity levels	9 sensitivity levels	9 sensitivity levels	9 sensitivity levels
<b>Power supply</b>	1000mAh Li-Ion rechargeable battery pack	1600mAh Li-Ion rechargeable battery pack	1600mAh Li-Ion rechargeable battery pack	2600mAh Li-Ion rechargeable battery pack
<b>Autonomy 5/5/90</b>	Up to 14 h	22h	22h	40h
<b>Display</b>	Liquid crystal EED™	Multifunction back-lit LCD	-	Multifunction back-lit LCD
<b>Transmission power</b>	500 mW ERP	500mW ERP (high/low level)	500mW ERP	500mW ERP
<b>Operating temperature</b>	-20° +55°C	-20° +55°C	-20° +55°C	-20° +55°C
<b>Weight (without batteries)</b>	65 g	146 g	138 g	129 g
<b>Size (WxHxD)</b>	44x85x27 mm	113x56x38 mm	100x58x33 mm	117x60x42 mm
<b>Connections</b>	Socket for audio accessories	Socket for audio accessories	Socket for audio accessories	Socket for audio accessories
<b>Accessory socket type</b>	3.5mm (4 contacts)	2-pin Motorola	2-pin Motorola	2-pin Kenwood
<b>Compatible wall charger</b>	desktop charger only	desktop charger only	desktop charger only	desktop charger only

Model	G11 Pro	G10 Pro	G9 Pro
<b>Band</b>	PMR446	PMR446	PMR446-LPD (Dual band)
<b>Channels</b>	16+16 pre-set	16+16 pre-set	PMR446: 16+16 pre-set LPD: 69
<b>CTCSS and DCS</b>	50 CTCSS, 105 DCS	50 CTCSS 116 "N+116 "I" DCS	38 CTCSS, 104 DCS
<b>Vox</b>	9 sensitivity levels	-	3 sensitivity levels + talk back
<b>Power supply</b>	1600mAh Li-Ion rechargeable battery pack	1200mAh Li-Ion rechargeable battery pack	4 AA 1800mAh rechargeable batteries or 4 AA alkaline batteries (opt)
<b>Autonomy 5/5/90</b>	22h	16h	23h with 4 1800mAh batteries
<b>Display</b>	-	-	Multifunction back-lit LCD
<b>Transmission power</b>	500mW ERP	500mW ERP	PMR446 500/10mW ERP (high/low) LPD 10mW
<b>Operating temperature</b>	-20° +55°C	-20° +55°C	-20° +55°C
<b>Weight (without batteries)</b>	123 g	118 g	114 g
<b>Size (WxHxD)</b>	112x58x34 mm	118x60x35 mm	68x120x35mm
<b>Connections</b>	Socket for audio accessories	Socket for audio accessories	Socket for audio accessories, charger
<b>Accessory socket type</b>	2-pin Kenwood	2-pin Kenwood	2-pin
<b>Compatible wall charger</b>	desktop charger only	desktop charger only	MW904

## Walkie talkie - Leisure time overview tables

Model	G7 Pro	XT70	XT60
<b>Band</b>	PMR446-LPD (Dual band)	PMR446-LPD (Dual band)	PMR446-LPD (Dual band)
<b>Channels</b>	PMR446: 16 LPD: 69	PMR446: 8 + 16 pre-set LPD: 69 LPD	PMR446: 8 + 16 pre-set LPD: 69
<b>CTCSS and DCS</b>	38 CTCSS/104 DCS	38 CTCSS	38 CTCSS
<b>Vox</b>	6 sensitivity levels	9 sensitivity levels	9 sensitivity levels
<b>Power supply</b>	800mAh/1200mAh Li-Ion (opt) battery pack or 4 AA rechargeable batteries	3 AA batteries or 1000mAh battery pack	3 AAA batteries or 700mAh battery pack
<b>Autonomy 5/5/90</b>	Up to 18h with battery pack 800mAh	Up to 17h	Up to 12h
<b>Display</b>	Multifunction back-lit LCD	Multifunction back-lit LCD	Multifunction back-lit LCD
<b>Transmission power</b>	PMR446 500/10mW ERP (high/low) LPD 10mW	500 mW ERP	500 mW ERP
<b>Operating temperature</b>	-20° +55°C	-20° +55°C	-20° +55°C
<b>Weight (without batteries)</b>	123 g	113 g	112 g
<b>Size (WxHxD)</b>	58x122x34 mm	58x120x33 mm	54x120x33 mm
<b>Connections</b>	Socket for audio accessories, charger	Audio accessories and USB socket	Audio accessories and USB socket
<b>Accessory socket type</b>	2-pin	2-pin	2-pin
<b>Compatible wall charger</b>	MW904	C1254	R73487

Model	XT50	XT30/10	XT5	GB1-R
<b>Band</b>	PMR446	PMR446	PMR446	PMR446
<b>Channels</b>	8 + 16 pre-set	8 + 8 pre-set	8	8+91 pre-set
<b>CTCSS and DCS</b>	38 CTCSS	38 CTCSS	38 CTCSS	50 CTCSS, 104 DCS
<b>Vox</b>	3 sensitivity levels	1 sensitivity level	3 sensitivity levels	-
<b>Power supply</b>	3 AAA rechargeable batt. or 700mAh battery pack	3 AAA rechargeable batteries	4 AAA batteries	12Vdc +/-10%
<b>Autonomy 5/5/90</b>	Up to 12h	Up to 5h (XT30)	Up to 20h (alkaline batteries)	-
<b>Display</b>	Multifunction back-lit LCD	Multifunction back-lit LCD	-	Multifunction back-lit LCD
<b>Transmission power</b>	500 mW ERP	500 mW ERP	500 mW ERP	≤ 500mW ERP
<b>Operating temperature</b>	-20° +55°C	-20° +55°C	-20° +55°C	-20° +55°C
<b>Weight (without batteries)</b>	93 g	XT10: 73 g; XT30: 75 g	69 g	220 g
<b>Size (WxHxD)</b>	54x103x33 mm	XT10: 48x85x30 mm XT30: 48x90x32 mm	128x30x49 mm	100x85x22 mm
<b>Connections</b>	Audio accessories and USB socket	Audio accessories and USB socket (only XT30)	-	Socket for external speaker
<b>Accessory socket type</b>	2-pin	2-pin (only XT30)	-	3.5 mm mono
<b>Compatible wall charger</b>	R73487	R73487	-	-



## VHF/UHF radio overview tables

Model	CT990 EB	CT590S	CT3000
<b>Frequency</b>	144-146MHz 430-440MHz	144-146MHz 430-440MHz	144-146MHz 430-440MHz
<b>Operating temperature</b>	-20°-+55°	-20°-+55°	-20°-+55°
<b>Voltage supply</b>	7.4V	7.4V	12.6V
<b>Operating mode</b>	Simplex or Semi-duplex	Simplex or Semi-duplex	Simplex or Semi-duplex
<b>Size (whitout antenna)</b>	140x60x35mm	115x58x35,5mm	115x43x125mm
<b>Weight (battery included)</b>	310 g	230 g	809 g
<b>Antenna impedance</b>	50Ω	50Ω	50Ω
<b>Use cycle</b>	5/5/90	5/5/90	5/5/90
<b>Transmitter</b>			
<b>Frequency stability</b>	±2.5PPM	±2.5PPM	±2.5PPM
<b>Output power</b>	10W (UHF/VHF)	5W (UHF/VHF)	25W (UHF/VHF)
<b>Max. frequency deviation</b>	5KHz	5KHz	5KHz
<b>Audio distortion</b>	≤ 3%	≤ 3%	≤ 3%
<b>Receiver</b>			
<b>RF sensitivity</b>	< 0.2µV	< 0.2µV	< 0.2µV
<b>Audio distortion</b>	≤ 3%	≤ 3%	≤ 3%
<b>Audio response</b>	300Hz ÷ 3KHz	300Hz ÷ 3KHz	300Hz ÷ 3KHz

## VHF marine radio overview table

Model	Arctic
<b>Channels</b>	57 international
<b>TX frequency coverage</b>	from 156.025 to 157.425 MHz
<b>RX frequency coverage</b>	from 156.300 to 162.000 MHz
<b>Operating temperature</b>	-15°C - +55°C
<b>Size (WxHxD)</b>	115 x 55 x 37mm
<b>Weight (transceiver only)</b>	230 g
<b>Accessory socket type</b>	Motorola 2.5mm/3.5mm
<b>Programmable</b>	Via software (PRG-G15)
<b>Water protection grade</b>	IP67
<b>Transmitter</b>	
<b>Output power</b>	Selectable 1W or 5W
<b>Frequency stability</b>	±2.5PPM
<b>Audio distortion</b>	≤ 3%
<b>Receiver</b>	
<b>Sensitivity 20dB Sinad</b>	0.3 µV
<b>Audio output power</b>	300mW @ 10% THD
<b>Audio distortion</b>	< 10%



# Video cameras

Dash Cam | Action Cam | Webcam

**MIDLAND**<sup>®</sup>  
MOVING COMMUNICATION

# Camera models in comparison

## Key

Autonomy	Mechanical resistance	Water resistance
Functions	Supplied accessories	Price

### Bike Guardian Wifi



### Bike Guardian



### Street Guardian Flat



### Street Guardian Dual



### Truck Guardian Wireless



### H9 Pro



### H5 Pro



### H3+



### W199



### Follow U



Discover the video


**1080P**  
**FULL HD**

## Bike Guardian Wi-Fi

Continuous recording motorcycle/car dash cam



■ **Waterproof USB cable included**  
**(Optional - R01988)**

**Bike Guardian Wi-Fi** is the **FullHD** video camera for motorcycle or car, featuring constant recording, very useful in the event of an accident to determine causes and responsibilities.

Connected to the motorbike USB port (if not present as standard, use the waterproof power cable supplied), it automatically begins recording when the motorcycle starts and switches itself off when the motorcycle is turned off. With the Visionbank application, you can control the video camera remotely using a smartphone or tablet.

**Bike Guardian Wifi** has a completely new look thanks to its metal case, with new finishes. It is **IP68 certified**, so it could even record up to 10 meters underwater!

### Motorcycle/car mode

Continuous recording when connected to an external power supply (car/motorcycle).

### Integrated Wi-Fi

Managed via app.

### G-Sensor

As it is equipped with an accelerometer, if there is an accident, recorded videos can be protected automatically.

### Motion Detection

Automatic recording, sensitive to the movements of those who walk in front of the camera to prevent theft and vandalism.



### Packaging and codes

Video camera, USB cable, waterproof USB cable, fixing bracket, handlebar mounting, suction cup mounting, double-adhesive mounting consisting of: GO-PRO adaptor, screw, quick fixing, double-adhesive flat base.  
**code C1424**


**WI-FI**

**CYCLE  
 RECORDING**

**DOUBLE USE:  
 MOTORCYCLE/CAR**

**WIDE ANGLE  
 170°**

**WATERPROOF  
 IP68**

**1920X1080P  
 (30FPS)**





■ Waterproof USB cable included (Optional - C1457)

**Bike Guardian**, the motorcycle camera with **FullHD** resolution, designed and made to be another “eye” that records everything that happens while you are riding. Highly useful in the event of an accident to prove who was involved and who was to blame.

**Bike Guardian** is the first motorcycle camera with continuous recording.

Connected to the motorcycle USB socket with the cable supplied, it starts recording automatically when the bike is switched on and turns itself off when it is switched off.

Bike guardian can be used also as a traditional action cam and, thanks to its integrated battery, allows up to 2 hours recording.

Integrated microphone and speaker.

**Rainproof**

Bike Guardian is able to withstand bad weather, mud and dust, ensuring a video without interruptions. Even the cable, which connects the camera to the bike socket, is rainproof.

**Packaging and codes**

Video camera, lock mount, handlebar mount, bi-adhesive flat mount, bi-adhesive curved mount, quick fixing, screw, GO-PRO adaptor, strap mount, USB cable, USB rainproof cable, wrist belt.

**code C1415**

**1080P**  
FULL HD

# Bike Guardian

The first motorcycle dash cam

<p>CYCLE RECORDING</p>	<p>WIDE ANGLE 120°</p>	<p>RAINPROOF IP65</p>	<p>1920X1080P (27FPS)</p>
------------------------	------------------------	-----------------------	---------------------------



Discover the video



■ **Very thin:** 92x69x33mm



■ **Includes 2 adhesive supports**



Real size

**1080P**  
FULL HD

# Street Guardian Flat

Compact car dash cam

 WI-FI	 BLACK BOX	 CYCLE RECORDING	 WIDE ANGLE 130°	 MOTION DETECTION	 PARKING FUNCTION
 1920X1080P (30FPS)	 12 MP				

**Street Guardian Flat** is the thin **FullHD** camera with a discreet design for those who want to feel safe while driving, thanks to **video recordings complete with sounds**, without giving up a clean windscreen with complete vision.

**Integrated microphone and speaker.**

It connects to the cigarette lighter socket via the 12 V cable and can be easily installed on two cars, thanks to the adhesives included in the package.

**Wi-Fi**

It is possible to use the Wi-Fi to place the camera and set it up during the assembly/installation on the car.

The Wi-Fi also allows the review and download of the clips directly onto the smartphone without having to connect the camera to a PC (thus avoiding removal from the vehicle).

Recommended apps: FinalCam and LuckyCam.

**Black box and motion detection**

The Black Box function makes the camera save and automatically protect the clips in case of an accident. The Motion Detection function allows the camera to start recording every time it detects a motion in the viewing range (requires the camera to be powered).

**Parking function**

The parking function enables the camera to automatically start recording whenever it detects a collision. No more unpleasant surprises for your parked car!

**Packaging and codes**

Dash cam, 2 adhesive supports, cable with 12V cigarette lighter socket, USB cable to connect to a PC.

**code C1409**



Discover the video



- Two cameras recording what is happening in and out the car.
- Ideal for taxis and public transport
- Optional adhesive mount C1434



The **Street Guardian Dual** is double; in fact it has two cameras, to film what is happening inside and outside the car. Designed to record automatically even without light, it is equipped with Night Vision technology and 4 infrared LEDs (the latter for internal shooting).

**Integrated microphone and speaker.**

**Black box and motion detection**

In case of an accident, the Black Box function automatically saves the videos. The Motion Detection function uses the vision range to start recording any movements outside the car.

**GPS**

The built-in GPS indicates the location where you are and follows you step by step along the way.

**Packaging and codes**

Dash cam, suction cup mount with GPS, 12V cigarette lighter socket, USB cable for PC connection.  
code **C1285**

Real size

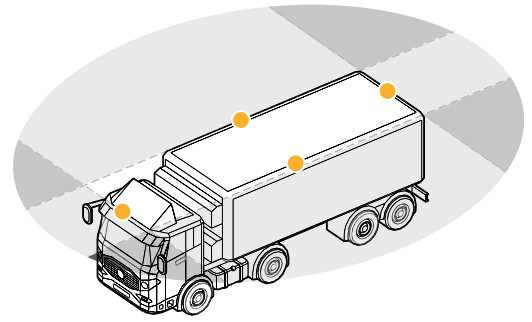


# Street Guardian Dual

Car dash cam with dual cameras

BLACK BOX	NIGHT VISION 4 IR LED	CYCLE RECORDING	WIDE ANGLE 160° OUT+120° IN	MOTION DETECTION (OUT)	WITH GPS
1920X1080P (OUT) 1920X1080P (IN)	12 MP				





- Connect up to 4 cameras
- Supports SD Card

**Truck Guardian Wireless** is the camera for **trucks** and **caravans**, designed and made to help during manoeuvres and to record what is happening around you. Highly useful when reversing and in the event of an accident to prove causes and responsibilities.

**Wireless**

Wireless technology makes installation extremely easy, as camera and monitor do not need to be connected. Just find a 12 or 24V power source. If you want to add an additional camera (up to 4), simply power it and it will automatically be coupled to the monitor.

**7" Monitor and remote control**

The large wireless monitor with recorder located inside the truck cabin, is equipped with a remote control, to control the monitor functions remotely.

**Night vision that is not afraid of bad weather**

The water resistant (IP67) video camera has a 120° viewing angle and it is equipped with 12 infrared LEDs for night viewing, which light up automatically.

**Cyclic recording**

Cyclic recording allows to record continuously from one to four cameras even simultaneously.

**Packaging and codes**

**Truck Guardian Wireless**

Monitor, camera, power cable with cigarette lighter socket (for monitor), power cable (for video camera), 3 Wi-Fi antennas (2 for monitor, 1 for video camera), remote control, sunshade frame, mounting support.

**code C1331**

**Additional wireless truck camera**

Camera, power cable, Wi-Fi antenna.

**code C1332**

**1080P**  
FULL HD

# Truck Guardian Wireless

Truck and caravan video surveillance system with recording

 WIRELESS UP TO 150M	 IP67 (CAMERA)	 MONITOR 7"	 NIGHT VISION 12 IR LED	 CYCLE RECORDING	 WIDE ANGLE 120°
 12/24V DUAL SUPPLY	 REMOTE CONTROL	 800X480P (60FPS)	 SD CARD SUPPORTED		





NEW

Discover the video



**H9** changes its look and triples its functions in the **Pro** version. Perfect for your moments of madness with 4K HD resolution, 30fps and 20MP. It is waterproof up to 30m underwater, has an autonomy of 2 hours and 128GB of memory to record up to 18 hours of video. The touch screen also provides more efficient, intuitive and faster operation than other cameras without a touch screen. You can control the camera with the remote control and manage it via the dedicated app: iSmart DV.

### Triple function

Action Cam/Dash Cam/WebCam

### Display touch screen

The 2-inch IPS display shows a clearer and brighter image than LCDs, and the touch screen ensures faster, more efficient, intuitive operation than other cameras that do not have it.

### 7 video modes

Loop, time-lapse, slow motion, fast motion, dash cam, web cam, diving. And it has 5 photo modes: normal, burst, timed, self-timer, long exposure.

### High performance microphone

Automatic suppression of noise and wind thanks to the WNR (wind noise reduction) function.

### For motorcycle use

An external microphone is available to comment on your travels or record the roar of your engine (optional accessory, code C1531)

### Waterproof

Waterproof case up to 30m.

### Wi-Fi

It is easy to use even from a distance: thanks to the built-in Wi-Fi, through smartphone or tablet (iOS and Android) up to 15 m.

### Packaging and codes

30m waterproof case, handlebar mount, 1050mAh Li-Ion battery pack, quick coupling (x2), screw coupling, 90° support (x2), coupling with photographic screw, 180° support, flat base support (x2), USB cable, clamps, fastening clamps, metal clamp, cleaning cloth.

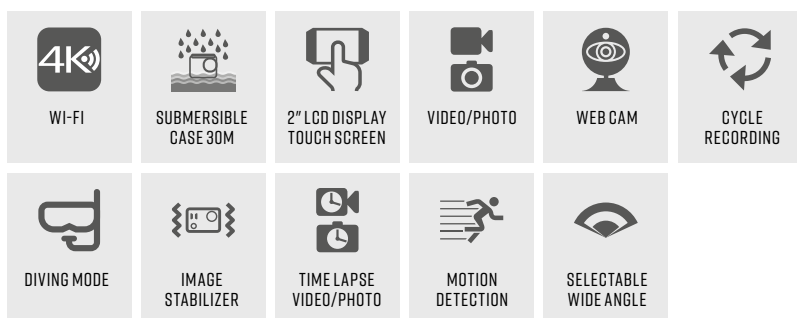
**code C1518**



**4K**  
ULTRA HD

## H9 Pro

The top of the range of Midland action cams dresses in black with triple functions.



NEW



**H5** changes look and becomes **Pro**, bringing video quality to 4K 30fps!

The equipment includes integrated Wi-Fi, 4K recording, 2" rear LCD display, image stabilizer and waterproof case. The H5 Pro action cam can be controlled remotely from a smartphone or tablet thanks to the DV King 4K application.

**Integrated Wi-Fi**

Managed via the app.

**Image stabilizer**

Automatic elimination of micro vibrations, to achieve jitter-free video recording.

**Use flexibility**

It adapts to work and leisure requirements. Complete with numerous accessories.

**Wide angle**

Equipped with 120° wide angle lens for excellent shooting.

**Time Lapse**

Take great videos with advanced Time Lapse feature.

**2" LCD display**

Midland H5 Pro features the integrated display for framing, easily adjusting settings and playing back videos and photos.

**30m waterproof case**

The submersible case supplied protects the action cam from water up to a depth of 30 metres, but also from mud and dust.

**1080P**  
FULL HD

# H5 Pro

The action cam to relive all the colours and details of your adventures.

4K WI-FI	SUBMERSIBLE CASE 30M	2" LCD DISPLAY	VIDEO/PHOTO	WEB CAM	IMAGE STABILIZER
TIME LAPSE VIDEO/PHOTO	CYCLE RECORDING	WIDE ANGLE 120°			



**Packaging and codes**

30 m waterproof case, handlebar mount, 1050mAh Li-Ion battery pack, quick coupling (x2), screw coupling, 90° support (x2), coupling with photographic screw, 180° support, flat base support (x2), USB cable, clamps, fastening clamps, metal clamp, cleaning cloth.

**code C1515**



**H3+** is complete with integrated Wi-Fi, Full HD, image stabilizer and waterproof case. The action cam for all your craziest moments.

With the GoPlus Cam application, you can control the video camera remotely using a smartphone or tablet.

**Integrated 2" LCD screen**

Midland H3 + features the integrated display for framing, easily adjusting settings and playing videos and photos.

**Wi-Fi**

Thanks to the integrated Wi-Fi, Midland H3 + connects to smartphones and tablets to view, review and share videos and photos through the dedicated GoPlus Cam App (iOS and Android).

**Motion detection**

Automatic recording, sensitive to the movements of the wearer.

**Dash cam**

Continuous recording when connected to an external power supply (car/motorcycle).

**Image stabilizer**

Automatic elimination of micro vibrations

**Waterproof case 30m**

The submersible case supplied protects the action cam from water up to a depth of 30 metres, but also from mud and dust.

**Packaging and codes**

Video camera, case waterproof to 30m, frame, quick fixing, flat based mounting, photographic fixing with screw, USB cable, Li-Ion battery pack









**code C1235.01**



**1080P**  
FULL HD

# H3+

The action cam everyone can use

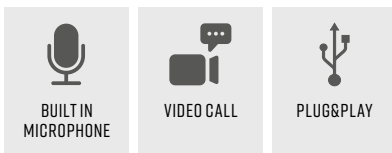
 WI-FI	 SUBMERSIBLE CASE 30M	 2" LCD DISPLAY	 VIDEO/PHOTO	 CAR DVR	 IMAGE STABILIZER
 WIDE ANGLE 140°	 ALL ACCESSORIES IN THE PACKAGE				

NEW


**1080P**  
 FULL HD

## W199

The perfect webcam for smartworking



A simple product, but in-between times: you connect it and immediately start shooting in HD, with built-in microphone, with a "Smart" price.

The perfect solution for those who need to interact through live audio and video. Stay at home, but always connected with the **W199** web cam.

### Features

- Sensor: CMOS
- Autofocus, exposure and white balancing
- Built-in digital microphone
- Cable length: 1.5 m
- Photo supported files: jpeg, yuy2
- Screenshot files: jpeg, png, bmp
- Clip to hang it on the computer
- Weight: 140 g - Dimensions: 7x2.5x2 cm

### Packaging and codes

Webcam, USB 2.0 cable  
**code C1476**

NEW


**1080P**  
 FULL HD

## Follow U

The 360° webcam that follows you up to a distance of 3m



**Follow U** is the perfect webcam for those who need to move during the live broadcast. The Follow U webcam can in fact recognize the human physiognomy and follow the interlocutor thanks to the innovative LTS® (Live Tracking System) function.

A simple product to install: you connect it and immediately start shooting in Full HD (1920\*1080px), with double integrated microphone and compatible with the most used systems such as Skype, Zoom, FaceTime, Facebook, YouTube, PotPlayer etc.

### Features
























- LTS® function (Live Tracking System) precise and intelligent recognition of human physiognomy
- Automatic 360° rotation
- Built-in stereo microphone
- Plug&Play, no installation drivers required
- 1 Touch Button Tracking, lightly touch the webcam to enable/disable the LTS® function
- WDR® (Wide Dynamic Range), processes the image to improve its quality
- High Definition without buffering, so as not to burden the processor of the PC/Mac
- Noise Reduction Processing, removes annoying background noise for a crystal clear audio
- Higher Sound Pickup Quality, for a faithful rendering of the voice pitch
- Auto Light Dimming, also ideal for poorly lit environments
- Livestream Webcam, perfect for your live social media

### Packaging and codes

Webcam - **code C1522**



# Video camera accessories

H9/H5 Pro accessories			Tactical/weapon accessories		
	<b>C1531</b> Micro USB microphone.	H9 Pro		<b>Universal Rifle Mount C1064.01</b> Universal mount for rifles.	All
	<b>R02936</b> Waterproof case.	H9 Pro H5 Pro		<b>Bow Mount C1068</b> Bow mount. <b>Tree Mount C1062</b> Tree mount.	All
	<b>R02938</b> Dual desktop charger for batteries.	H9 Pro H5 Pro	<b>Professional/Ram accessories</b>		
	<b>R02937</b> Battery.	H9 Pro H5 Pro		<b>Ram Roll Bar Mount C1042</b> Professional mount for tubular handlebar with a diameter of 1-3 cm.	All* 
<b>Battery</b>				<b>Ram Moto Quad Mount C1052</b> Professional mount suitable for all vehicles with tubes with a diameter of 3-6 cm.	All 
	<b>PB-H5 C1246</b> 900mAh 3.7V Li-Ion battery pack.	H5/H5+ H3+/H3 H9	<b>Vehicle accessories</b>		
<b>Surface accessories</b>				<b>Handlebar Mount C1117</b> Mount for handlebars.	All also Bike Guardian series 
	<b>Turnable Hook 360°C1268</b> Rotating hook mount 360° for base with double-sided tape.	H series 		<b>Suction Cap Mount C980.01</b> Suction mount for cars and motorcycles for stable recording on a vehicle, ideal for smooth (bodywork) and rough surfaces (dashboard).	All* 
	<b>Spider C1110</b> 360° swivelling large base with 3M adhesive and 45° slide for surf/snowboard.	All also Bike Guardian series 		<b>Handlebar Mount C992</b> Mount for handlebars and tubes.	All* 
	<b>Minispider C1109</b> 360° swivelling, small base with 3M adhesive with 45°/10° slides.	All also Bike Guardian series 			

\* Compatible with H series action cameras using Tripod Mount C1270 adapter

## Wearable accessories



**Cap Mount C1012**  
Mount for cap with visor.

All\*

GO PRO



**Vented Helmet Mount C991**  
Universal Velcro band for bicycle helmet, rucksack, etc.

XTC280  
XTC270

## Adapters



**Gopro Adapter 101854**  
This adapter allows the use of GOPRO mounts with XTC Midland action cameras.

All

GO PRO

## Anti-condensation



**Anti-condensation inserts C1171**  
18 inserts and one humidity indicator.

All

GO PRO

## Pod



All\*

### XT-Pod C1116

Aluminium camera holder MINI POD (18cm).

GO PRO



All\*

### XT-Pod 2S C1116.01

Telescopic camera holder POD, 2 carbon fibre segments (80cm).

GO PRO



All\*

### XT-Pod 3S C1116.02

Telescopic camera holder POD, 3 carbon fibre segments (112 cm).

GO PRO



## Video camera overview tables



Model	Bike Guardian Wi-Fi	Bike Guardian	Street Guardian FLat
<b>Resolution</b>	1920x1080 (30 fps)	1920x1080p (27fps)	1920x1080p (30fps)
<b>Sensor</b>	AR0330 3 MP	Sony 2 MP	2 MP
<b>Aspect Ratio</b>	16:9	16:9	16:9
<b>Format</b>	MOV	MOV	MOV
<b>Lens</b>	F/2.0 (f=3.15 mm)	-	6 elements
<b>Lens angle</b>	170°	120°	130°
<b>Sd Card</b>	64 GB	64 GB (Class 10)	32 GB
<b>Battery</b>	1050 mAh up to 120'	680mAh up to 120'	Only for finalizing video files
<b>Wi-Fi</b>	Yes	No	Yes
<b>Photo</b>	12MP	2 MP	12 MP
<b>Tripod mount</b>	Yes	Yes	No
<b>Weight</b>	98 g	78 g	72 g
<b>Dimensions WxHxD</b>	100 mm Ø40 mm	86 mm Ø27 mm	92x69x33 mm
<b>Operating systems</b>	Windows 10, Vista 7&8, Mac OSX 10.4+		



Model	Street Guardian Dual	Truck Guardian Wireless Monitor	Truck Guardian Wireless Video camera
<b>Resolution</b>	Front: 1920x1080p Rear: 1920x1080p	800x480	756x504
<b>Sensor</b>	4 MP/2 MP	-	CMOS
<b>Aspect Ratio</b>	16:9	16:9	16:9
<b>Format</b>	MP4	-	-
<b>Lens</b>	7 elements - 5 elements	-	-
<b>Lens angle</b>	160° - 120°	-	120°
<b>Sd Card</b>	64 GB	128 GB	-
<b>Battery</b>	Only for finalizing video files	-	-
<b>Wi-Fi</b>	No	2.4 GHz encrypted transmission	2.4 GHz encrypted transmission
<b>Photo</b>	12 MP	-	-
<b>Tripod mount</b>	No	Support bracket	Support bracket
<b>Weight</b>	87 g	430 g	500 g
<b>Dimensions WxHxD</b>	102x42x42 mm	180x125x25 mm	85x50x40 mm
<b>Operating systems</b>	Windows 10, Vista 7&8, Mac OSX 10.4+		



Model	H9 Pro	H5 Pro	H3+
<b>Resolution</b>	4K@30-2.7K@30-1080p@60 - 720p @ 120/60	4K@30 - 2.7K@30- 1080p @60 - 720p@120/60	1080p@30- 1080i @30 - 720p @60- 480p@60 480i@60
<b>Sensor</b>	20 Mp	16 Mp	16Mp
<b>Aspect Ratio</b>	16:9	16:9	16:9
<b>Format</b>	MOV	MOV	AVI
<b>Lens</b>	6 elements	5 elements	1 element
<b>Lens angle</b>	100°-110°-130°	120°	120°
<b>Sd Card</b>	128 GB	128 GB	128 GB
<b>Battery</b>	1050 mAh, up to 120'	1050 mAh, up to 120'	Li-Ion 900mAh, up to 110' in HD
<b>Wi-Fi</b>	Yes	Yes	Yes
<b>Photo</b>	20 Mp	16 Mp	
<b>Tripod mount</b>	Yes	Yes	No
<b>Weight</b>	65 g	65 g	52 g
<b>Dimensions WxHxD</b>	59x41x24 mm	59x41x24 mm	59.3x29.3x41.1 mm
<b>Operating systems</b>	Windows 10, Vista 7&8, Mac OSX 10.4+		



Model	W199	Follow U
<b>Resolution</b>	1080p	1080p
<b>Sensor</b>	2 Mp	SONIX 2872
<b>Aspect Ratio</b>	16:9	16:9
<b>Format</b>	-	-
<b>Lens</b>	4	-
<b>Lens angle</b>	76°	120° - 360°
<b>Sd Card</b>	No	No
<b>Battery</b>	No	No
<b>Wi-Fi</b>	No	No
<b>Photo</b>	Yes	Yes
<b>Tripod mount</b>	No	Yes
<b>Weight</b>	140 g	206 g
<b>Dimensions WxHxD</b>	7x2.5x2 mm	65x65.5x86.5mm
<b>Operating systems</b>	Windows 10, Vista 7&8, Mac OSX 10.4+	



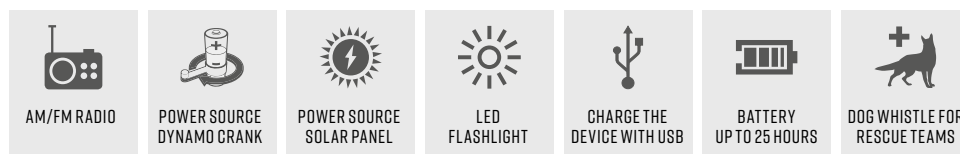


Discover the video



## ER300

The powerful multifunctional emergency powerbank



■ AM/FM radio



■ Dynamo recharge



■ Charge the device with USB port

**ER300** is a **powerful powerbank** capable of recharging portable devices and an **emergency device** equipped with an AM/FM receiver, designed for emergency situations, disasters and safety in which keeping in touch is essential. **ER300** is a versatile solution also for everyday use, for outdoor activities, camping or in leisure time. **Rechargeable via dynamo, solar panel, batteries and USB socket. With ultrasonic call for dogs, torch.**

**Frequency:** 531-1629KHz (AM)  
87.5-108MHz (FM)

**Colour:** Red/Black

### Features

- Recharge: dynamo, solar panel, Li-Ion integrated battery pack or AA batteries, via mini-USB socket
- It charges external electronic devices with USB port
- Power bank with long life battery Li-Ion 2000 mAh, lasting up to 25 hours of normal use
- It also works with 6 AA batteries (not included)

- Flashlight with Cree® led 130L\*
- SOS Morse code flashlight beacon
- Ultrasonic dog whistle useful for rescue teams
- AM/FM radio
- Digital clock
- Headphone jack
- Telescopic antenna
- Wide, bright LCD with backlight

### Packaging and codes

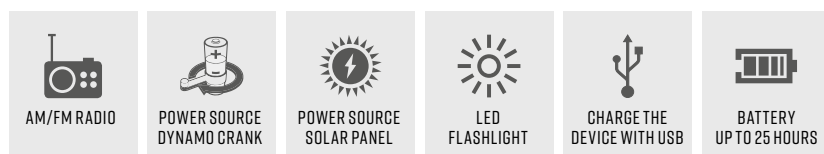
Radio, 2000 mAh Li-Ion battery pack, USB/micro USB cable  
**code C1173**

\* Cree® is a registered trademark of Cree Inc.



## ER200

Compact outdoor powerbank



■ Radio AM/FM



■ Charge the device with USB port/Dynamo

**ER200** is a compact power bank, perfect for outdoor use (camping, beach, park, mountain, etc.) and in an emergency.

Small in size, **ER200** is an excellent companion for every hiker, able to recharge portable devices. It is also equipped with an AM/FM receiver and LED torch.

**Multiple sustainable recharging sources: dynamo, solar panel and rechargeable batteries**

**Frequency:** 531-1629KHz (AM)  
87.5-108MHz (FM)

**Colour:** Red/Black

### Features

- Power sources: dynamo crank, solar panel or USB cable
- Long life battery Li-Ion 2200 mAh, lasting up to 25 hours of normal use
- SOS Morse code flashlight beacon

- Flashlight with Cree® led 130L
- It charges external electronic devices with USB port
- AM/FM radio
- Digital clock
- Headphone jack
- Telescopic antenna
- LCD display

### Packaging and codes

Radio, 2200 mAh Li-Ion battery pack, USB cable  
**code C1469**

\* Cree® is a registered trademark of Cree Inc.



Airoh  
HELMET

Intercoms

**MIDLAND**<sup>®</sup>

MOVING COMMUNICATION



# Midland intercoms

Since 2005, Midland has specialized in motorcycle communication products. Over the course of these 15 years Midland has created an R&D laboratory, within which professional engineers dedicate themselves daily to the development of technologically advanced products. After years of constant studies and tests, the audio of Midland intercoms is the most advanced ever, thanks to strict controls on “Quality”, the signature that has distinguished the company for over 60 years.



## Your adventures on the road

Midland intercoms offer you maximum communication performance, to reach the fourth dimension of travel and give you a unique experience. Share emotions and excitement on the road and get 360-degrees adventures.

## Top audio experience

Thanks to the partnership with RCF, Midland intercoms are able to provide high-performance audio even in the most extreme conditions, reducing external noises and allowing you to make the most of the phone call and music playback functions.



## Always connected with your friends

Midland intercoms are easy to use and extremely versatile. The Bluetooth and Mesh technologies allow group connections of up to 10 motorcyclists without connection limits with intercoms of other brands or pairing with third-party devices.





**MIDLAND**, a brand born in 1959 in a small factory in Kansas City, is today the world leader in the radiocommunication and consumer electronics sector.

A group that today has over **15 European and non-European subsidiaries**, between branches and strategic partners, and a distribution in **over 90 countries**, under the guidance of the **Italian Headquarters**.

Reggio Emilia is the headquarters of Research and Development that carries out the company mission daily and with great commitment.

*“Create a world where communicating is simple, fun and available to everybody.”*

Design and manufacture with passion products of quality, technologically innovative and that respond to the real need of all of us: to communicate.

**A success that has lasted for over 62 years.**

## Certifications

**ISO 9001 2015:** for the design, production and installation of telecommunication systems and equipment for industrial, military, civil, marine and consumer use.



**ANITEC-ASSINFORM:** Midland Europe is part of the ANIE Federation research and innovation commission, a member of Confindustria and represents the electro-technical and electronic businesses operating in Italy.



**Anitec-Assinform**  
Member of Confindustria and Confindustria Digitale  
Italian Association of Information and Communication Technology

## Warranty

All our products are covered by a 24-month warranty, as long as they are sent to our Technical Service Centres together with the tax receipt. Contact our Authorised Retailer who will tell you where the nearest Service Centre is located. NB: we accept the return of goods upon two conditions: the agreed authorization from Sales Dept. (0522 509411) or Customer Technical Support Dept. (0522 509535) or Intercoms (0522 509446), and if costs of shipments are covered by sender. The authorization is mandatory and if lacking, products will be immediately returned to the sender.