

# Midland M48

*PMR446 Transceiver*



Combining the latest technology in radio communication along with a sturdy mechanical frame, **M48 PLUS** makes the ideal and effective solution for the professionals who need to stay in touch with colleagues (construction sites, buildings, hotels, trade fairs, shows) or for leisure users that just want to keep up with friends and family. Its robust frame, ease of use and simple design make it ideal for use in any activity.

**M48 PLUS** operates on the **PMR446 band** and is **extremely practical and compact**; It incorporates all the functions that you would expect to see on the latest and most advanced two way radio transceivers and guarantees **reliability and maximum efficiency**.

**M48 PLUS** is equipped with an **LCD backlit display** and an **Auto Power Save** function which reduces battery consumption by up to 50%. All of the features on this outstanding radio are easily accessible thanks to the **centrally mounted controls**.

**COMPLYING TO CE/99/05**

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**COLOUR:** black and orange

**BOX CONTENT:** n.2 radios, 2 belt clips, 2 600mAh rechargeable battery packs, 2 headsets, 1 wall adaptor double plug and user manual.

### MAIN CHARACTERISTICS

- Frequency band: 446.00625 – 446.09375MHz
- **48 channels (8+ 40 pre- programmed channels)**
- 38 CTCSS tones
- Output power: 500mW ERP
- **VOX** sensibility adjustable in 2 levels
- alphanumeric LCD Display
- **Call** key
- **SCAN** function
- Autonomy: up to 12 hours
- Working temperature: from -2° to +55°
- Weight: 95 gr (without batteries)
- Dimensions: 58x160x28mm
- MC/CHGplug: 2 pin plug for audio accessories

### OPTIONAL ACCESSORIES COMPATIBLE WITH Midland M48

- |               |  |
|---------------|--|
| <b>MW904</b>  | - Wall charger   |
| <b>MA24</b>   | - Mike with VOX/PTT switch   |
| <b>MA24-L</b> | - Mike with VOX/PTT switch (L-type connector)                      |
| <b>MA30P</b>  | - Mike with adjustable arm   |
| <b>MA30-L</b> | - Mike with adjustable arm (L-type connector)                      |
| <b>MA31</b>   | - Microphone with pneumatic tube                                   |
| <b>MA31-L</b> | - Microphone with pneumatic tube (L-type connector)                |
| <b>MA35</b>   | - Headset with microphone  |
| <b>MA35-L</b> | - Headset with microphone (L-type connector)                       |
| <b>MA28</b>   | - Speaker mike   |
| <b>MA28-L</b> | - Speaker mike (L-type connector)                                  |
| <b>MA21-D</b> | - Microphone with adjustable earphone and PTT                      |
| <b>MA21-L</b> | - Microphone with adjustable earphone and PTT (L-type connector)   |
| <b>MA26</b>   | - Speaker mike with volume control and ear jack                    |
| <b>MA26-L</b> | - Speaker mike with volume control and ear jack (L-type connector) |

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## Technical specifications

### General

Channels	48 channels: 8 PMR446 + 40 pre-set channels
Frequency band	446.00625 ÷ 446.09375MHz (PMR);
Channel spacing	12.5 KHz
Battery	600mAh rechargeable battery pack
Power	500 mW ERP
Temperature	-20°C to +55°C
Weight (w/o battery pack)	95gr
Dimensions	58 (L)x 160 (H)x28 (D) mm

### Transmitter

Modulation	FM
Spurious rejection	Within European legal terms

### Receiver

Audio output power	300mW @ 10% THD
Sensitivity @ 12dB SINAD	0.35 µV
Adjacent channel rejection	70dB
Intermediate frequencies	1°: 21.4MHz – 2°: 450KHz
Jack for ext.mike and recharge	stereo 2.5mm
Jack for ext.speaker	mono 3.5 mm

Specifications are subject to changes without notice.