



SAVE TIME AND ENHANCE BUSINESS PERFORMANCE

# COST EFFECTIVE TWO-WAY RADIO COMMUNICATION

Across the warehouse, shop floor or school playground, the Motorola XTB446 enables instant and clear communications at the touch of a button. Developed specifically for business and commercial users, the XTB446 is a general-purpose two-way radio, ideal for users needing to stay in touch with staff, colleagues or team members quickly, easily and economically.

**Convenient, Flexible and Expandable:** The Motorola XTB446 provides you with all the convenience and benefits of two-way communications without the cost or hassle of obtaining an operating licence. Multiple new handsets can be added to your radio fleet at any time and existing Motorola PMR446 users can also expand their existing radio fleets with XTB446 radios to accommodate a growing workforce. The XTB446 has been designed to be lightweight, comfortable and simple to use, offering superb audio clarity and clear communications in a wide range of environments. High performance rechargeable batteries ensure that XTB446 can operate on long shifts without the need for recharging.

**Designed for everyday use:** The XTB446 has been built to the high standards of manufacturing, durability and reliability that users have come to expect from Motorola, including Accelerated Life testing to simulate 5 years use. The rugged construction helps ensure that XTB446 will provide trouble-free communications.

**Easy and simple to use:** Whilst offering a range of useful features, the XTB446 remains simple and easy to use – simply “press to talk” to stay in touch around the business.

**Cost-free operation:** No licence fee. No contract. No airtime charges.

**Hands-free (VOX) operation:** The radios can be used in voice activated mode with any compatible headset, leaving your hands free to work.

**Room Monitor:** Radio can be positioned and set to detect voices or sounds and transmit these back to the listening radio without having to press the PTT.

**Interference eliminator codes:** A choice of 38 interference eliminator codes can be set for each of the 8 channels, providing a wide range of channel settings and helping to avoid channel interference.

**Auto Channel scan:** All channels can be scanned to automatically detect channel activity enabling users to respond quickly to multichannel communications.

## XTB466 GENERAL FEATURES:

- Range up to 8km (5 miles)
- 8 Channels with channel monitor/scan
- 38 Eliminator Codes
- 5 Call Tones
- Keypad Lock
- Single Pin Headset jack
- Auto Squelch
- Up to 14 Hours battery life
- 500mW power transmission
- Compatible with single pin headsets and earpieces
- Supplied as a pair of radios with rechargeable NiMH battery packs, charger pod with inserts for charging batteries on their own, EU and UK power adapters and documentation

**PRODUCT SPEC SHEET**  
**XTB446**



**FEATURES AND SPECIFICATIONS**

|                               |                      |
|-------------------------------|----------------------|
| Model                         | XTB446               |
| Channel                       | 8 channels           |
| Talk Range                    | Up to 8km            |
| Transmit power                | 500mW                |
| Battery Life (@ 5/5/90 cycle) | 14 hrs (NiMH)        |
| Private Code                  | 38                   |
| Key Lock                      | On/Off               |
| Roger Beep                    | On/Off               |
| Battery Strength Indicator    | 2 Levels 3 Stages    |
| Battery Type                  | NiMH Pack            |
| Alkaline battery compatible   | NO                   |
| Call Tone                     | 5 Types              |
| Channel Scan Direction        | Only Upper Direction |
| Memory Backup                 | YES                  |
| Auto Squelch Control          | YES                  |
| Channel Monitor               | YES                  |
| Battery Save                  | YES                  |
| Battery Low Alert             | YES                  |
| Battery Low Sleep             | YES                  |
| Tone (On/Off)                 | YES                  |
| LCD Backlight                 | YES                  |
| VOX/VOX                       | YES                  |
| Room Monitor                  | YES                  |
| Auto Power Save               | YES                  |
| DC Jack (for charge)          | NO                   |
| Channel Memory                | YES                  |
| Accessory Jack                | Single-pin           |

|                            |  |
|----------------------------|--|
| Removable belt clip        | YES  |
| Sealing                    | IPx2   |
| TX power at PCB level      | 0.4W   |
| Frequency Range            | PMR446 (Licence-free frequencies) 446.0 to 446.1 MHz |
| Audio Power Output         | 140mW  |
| Operating temperature      | -10 to +55 Celsius (radio)                           |
| Handset W x H x D          | 60.4×172.7×32.7mm                                    |
| Handset Weight             | 124.8g (Without Battery & Clip)                      |
| Charger Base W x H x D     | 140×52.2×82mm  |
| Charger Base Weight        | 118.4g (Without AC ADAPTER & SUPPORT BRACKET)        |
| Giftbox W x H x D          | 130×245×109mm  |
| Giftbox (Empty) Weight     | 80g  |
| Giftbox (full) Weight      | 833g   |
| Shipper Box Qty            | 6  |
| Shipper Box W x H x D      | 346×276×277mm  |
| Shipper Box (Empty) Weight | 560g   |
| Shipper Box (Full) Weight  | 4.78kg   |
| Qty Shipper Box Per Pallet | 24   |
| Qty Units Per Pallet       | 144  |
| Full Pallet W x H x D      | 120 x 96.8 x 80 cm                                   |
| Pallet Weight              | 135.67kg (including pallet)                          |

**PART NUMBERS**

| Sales Part No. | Description           | EAN Number    |
|----------------|-----------------------|---------------|
| P14MAA03A1BA   | XTB446 Twin Pack EMEA | 5031753006150 |

**ACCESSORIES**

|       |   |
|-------|---|
| 00625 | XTB446 Replacement Transformer with UK and EU Plugs |
| 00626 | XTB Charger Tray                                    |
| 00174 | Consumer Earbud                                     |
| 00179 | Consumer Headset                                    |
| 00265 | XTR Earpiece  |
| 00272 | TLKR T5/T7 Belt Clip                                |
| 00242 | XTR – TLKR NiMH Batt                                |