



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.

XTB446 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/IVOX	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	60.4x172.7x32.7mm
Handset Weight	124.8g (Without Battery & Clip)
Charger Base W x H x D	140x52.2x82mm
Charger Base Weight	118.4g (Without AC ADAPTER & SUPPORT BRACKET)
Giftbox W x H x D	130x245x109mm
Giftbox (Empty) Weight	80g
Giftbox (full) Weight	833g
Shipper Box Qty	6
Shipper Box W x H x D	346x276x277mm
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