



REDUCE COSTS THROUGH ENHANCED BUSINESS EFFICIENCY

# COST EFFECTIVE TWO-WAY RADIO COMMUNICATION

Across the warehouse, shop floor or school playground, the Motorola XT180 enables instant and clear communications at the touch of a button. Developed specifically for business and commercial users, the XT180 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 XT180 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 XT180 radios to accommodate a growing workforce. The XT180 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 XT180 can operate on long shifts without the need for recharging.

**Designed for everyday use:** The XT180 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 XT180 will provide trouble-free communications.

**Easy and simple to use:** Whilst offering a range of useful features, the XT180 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 121 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.

## XT180 GENERAL FEATURES:

- Range up to 8km\* (5 miles)
- 8 Channels with channel monitor/scan
- 121 Eliminator Codes
- 10 Call Tones
- Keypad Lock
- Single Pin Headset jack
- Auto Squelch
- Up to 14 Hours battery life
- 500mW power transmission
- Scan/Monitor
- Hands-free
- Integrated LED Torch
- Vibrate Alert
- Splash Proof IPx2 rating
- Compatible with single pin headsets and earpieces
- Supplied as a pair of radios with 2 earbuds, 2 rechargeable NiMH battery packs, charger pod with inserts for charging batteries on their own, EU and UK power adapters and documentation

**PRODUCT SPEC SHEET**  
**XT180 RADIOS AND ACCESSORIES**



**FEATURES AND SPECIFICATIONS**

Model	XT180
Channel	8 channels
Talk Range	Up to 8km*
Transmit power	500mW
Battery Life (@ 5/5/90 cycle)	14 hrs (NiMH)
Private Code	121
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	10 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
LED Torch	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	56 x 171 x 39 mm
Handset Weight	139g (Without Battery & Clip)
Charger Base W x H x D	140 x 52 x 82mm
Charger Base Weight	118g (Without AC ADAPTER & SUPPORT BRACKET)
Giftbox W x H x D	130 x 245 x 109 mm
Giftbox (Empty) Weight	122g
Giftbox (full) Weight	970g
Shipper Box Qty	6
Shipper Box W x H x D	390 x 331 x 249 mm
Shipper Box (Empty) Weight	660g
Shipper Box (Full) Weight	6.48kg
Qty Shipper Box Per Pallet	24
Qty Units Per Pallet	144
Full Pallet W x H x D	120 x 80 x 115 cm
Pallet Weight	268.72kg (including pallet)

**PART NUMBERS**

Sales Part No.	Description	EAN Number
XAP0086BDGAA	XT180 WEurope Twin Pack	5031753006662
XAP0085BDGAA	XT180 UK Twin Pack	5031753006679

**ACCESSORIES**

00634	TLKR-T80-T80EX UNIT CHARGER KIT
00275	TLKR-T5/T7 Car Charger Cable
00242	XTR – TLKR NiMH Batt
00240	XTR446 T60 UK REPLACEMENT TRANSFORMER
00239	XTR446 T60 EU REPLACEMENT TRANSFORMER
00635	TLKR- T80-T80EX Belt Clip
00641	TLKR Surveillance Earpiece
00174	Consumer Earbud
00179	Consumer Headset
00265	XTR Earpiece

For more information on how XT180 can enhance your business efficiency, please visit us on the web at: [www.motorolasolutions.com/emea/XT180](http://www.motorolasolutions.com/emea/XT180) or find your closest Motorola representative or authorised Partner at [www.motorolasolutions.com/contactus](http://www.motorolasolutions.com/contactus)

\* Actual range will vary depending on terrain and conditions, and is often less than the maximum possible.

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