



TWO-WAY RADIO ACCESSORIES

Motorola XTS 2500

Waveband Communications was founded in April, 2002 to custom engineer and deliver products that better service two-way radio accessory needs. We're proud of our products, services, warranties, performance and reputation. Here are product and performance comments from customers who actually use and purchase Waveband Communications Two-Way Radio Accessories.

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"Our agency orders these from Waveband Communications in various different quantities. We issue one with every radio and shoulder MIC we give out. Our guys in the field enjoy using them especially with the wireless shoulder MICs. I get others wandering in and tell me they noticed their partners wearing them and always inquire about how they can get one. Great product, can't go wrong with the Waveband WV1-10282"
(Guest)



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REMOTE SPEAKER MICROPHONE

Motorola XTS 2500 Remote speaker microphone



SPEAKER

- Impedance: $8 \pm 15\%$ @1KHz
- Sensitivity: $120 \text{ dB} \pm 10\%$ @1KHz

MICROPHONE

- Sensitivity: $-34 \pm 2 \text{ dB}$ @1KHz 2.2K 3V 0dB=1v/pa
- Impedance: Max:2.2k @1KHz

Features:

- High-grade components with crystal clear audio
- 3.5mm accessory port
- Background noise-canceling
- Designated specifically for use with the Motorola XTS handheld radio



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MICROPHONE

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- Impedance: Max:2.2k @1KHz

Features:

- Public Safety Grade fully waterproof/Submersible
- Mil Spec 810F certified speaker microphone with volume control and 3.5mm accessory jack
- Designated specifically for use with the Motorola XTS handheld radio



SPEAKER

- Impedance: $8 \pm 15\%$ @1KHz
- Sensitivity: $120 \text{ dB} \pm 10\%$ @1KHz

MICROPHONE

- Sensitivity: $-34 \pm 2 \text{ dB}$ @1KHz 2.2K 3V 0dB=1v/pa
- Impedance: Max:2.2k @1KHz

Features:

- Hirose quick disconnecter version
- Shoulder Microphone is compatible with Motorola XTS 3000/5000, Motorola HT1000/MTS 2000 & Ef Johnson 5100 Series Radios
- Designated specifically for use with the Motorola XTS handheld radio



ACCESSORIES RADIO RECEIVE-ONLY EARPIECES

Motorola XTS 2500 Accessories Radio Receive-Only Earpieces



SPEAKER

- Impedance: 250 +-50 Ohms
- SPL: 97 +-3dB

MICROPHONE

- Impedance: 250 +- 50 Ohm
- Sensitivity: 97 +- 3dB

Features:

- Comparable to Motorola WADN4190 receive-only flexible earpiece
- For use with speaker microphone 3.5mm audio jacks



Right angle plug connector, 3.5mm plug

Features:

- Fits on outside of the ear providing exceptional comfort
- Increase security and reduce noise by adding a Waveband listen-only ear piece to your shoulder microphone

ACCESSORIES RADIO RECEIVE-ONLY EARPIECES

Motorola XTS 2500 Accessories Radio Receive-Only Earpieces

WV1-10282-L



Flexible, high-grade cable with 3.5mm connector.

Features:

- Earphone kits have lightweight earphone, rubber eartip and clothing clip
- Quick disconnect earphone adapter for easy replacement of any one component

WV-CT0019



Black

Features:

- WV-CT0019 Rubber Eartip / Acoustic Tube (Black)
- Comes with 1 year warranty against manufacture defects

X-01005-X



30" long straight cable

Features:

- Acoustic tube replacement kit
- Easily removable using our new twist connector
- Pack of 5

WV1-10282



3.5mm right-angle plug

Features:

- High grade 30" coiled cord
- Low profile quick disconnect medical-grade translucent coiled acoustical tube
- Includes two silicon earbuds

ACCESSORIES RADIO SURVEILLANCE KITS

Motorola XTS 2500 Accessories Radio Surveillance Kits

WW1-15023X-S-02



SPEAKER:

- Impedance: 250 +-50 Ohms
- SPL: 97 +-3dB

MICROPHONE:

- Type: Piezoelectric Accelerometer Microphone
- Impedance: 250 +- 50 Ohm
- Sensitivity: 97 +- 3dB

Features:

- Motorola ZMN6032A compatible two-wire surveillance kit for Motorola XTS 2500
- Includes a quick disconnect for discreet communications
- Quick release adapter required

WW-20004-35X-M5



SPEAKER:

- Sensitivity: 114dB ± 5dB
- Frequency Range: F0-9KHz

MICROPHONE:

- Sensitivity: -42dB ± 3dB
- Frequency Range: 20-20KHz

Features:

- 3 wire surveillance kit with direct connector for Motorola XTS Series Portable Radios
- Quick release adapter required

WW1-15024x-02



SPEAKER:

- Impedance: 250 +-50 Ohms
- SPL: 97 +/-3dB

MICROPHONE:

- Impedance: 250 +- 50 Ohm
- Sensitivity: 97 +- 3dB

Features:

- Electronically limits audio to the user's ear to a safe maximum of 90dB to prevent hearing damage
- Connects directly to Motorola XTS handheld radios

ACCESSORIES RADIO SURVEILLANCE KITS

Motorola XTS 2500 Accessories Radio Surveillance Kits



WW1-15023X-Beige-01

SPEAKER:

- Sensitivity: 114dB ± 5dB
- Frequency Range: F0-9KHz

MICROPHONE:

- Sensitivity: -42dB ± 3dB
- Frequency Range: 20-20KHz

Features:

- Can privately receive messages for situations that require discreet communication
- Two-wire beige kit with an earpiece and a combined microphone and push-to-talk button
- Quick release adapter required



WW1-20022X

SPEAKER:

- Impedance: 250 +-50 Ohms
- SPL: 97 +-3dB

MICROPHONE:

- Impedance: 250 +- 50 Ohm
- Sensitivity: 97 +- 3dB

Features:

- 3-Wire black Surveillance Kit discreet communications
- For Motorola XTS 3000/5000 Motorola XTS 1500/2500, Motorola HT 1000/MTS2000 & Ef Johnson Series radios
- Quick release adapter required



WW1-15023X-threaded-01

- Impedance: 270ohms +- 30% @ 1kHz
- Frequency range 300-3000Hz
- Maximum Audio Output 90

Features:

- Axial cable pull at transducer 10lbs Axial cable pull at mic/PTT 40lbs Axial cable pull at UDC 35lbs



WW1-2023x-02

- Impedance: 270ohms +- 30% @ 1kHz
- Frequency range 300-3000Hz
- Maximum Audio Output 90

Features:

- Rugged Kevlar re-enforced cable
- High-quality Knowles™ brand mic
- Field replaceable transducers



ACCESSORIES RADIO SURVEILLANCE KITS

Motorola XTS 2500 Accessories Radio Surveillance Kits



3.5mm pigtail, 3.5mm earphone

Features:

- 3-wire surveillance kit with 3.5mm pigtail for plug-in use of any 3.5mm earphone such as iPod earphones
- Quick release adapter required



SPEAKER:

- Sensitivity: 114DB \pm 5DB
- Impedance: 200 Ω \pm 15%
- Frequency Range: F0-9KHZ

MICROPHONE:

- Sensitivity: -42DB \pm 3DB
- Impedance: 300 Ω
- Frequency Range: 20-20KHZ

Features:

- Anchored Kevlar™ reinforced cable
- High quality Knowles™ brand MEMS surface mount mic
- Field replaceable transducers
- Heavy duty strain relief
- Available in beige by special order

RADIO CHARGERS, CONDITIONERS, ANALYZERS

Motorola XTS 2500 Radio Chargers, Conditioners, Analyzers



Desktop



In-Vehicle



In-Vehicle



In-Vehicle

Features:

- Guaranteed to work with Waveband, and OEM batteries maximizing your batteries and two-way radios overall performance
- Features microprocessor control to prevent overcharging
- Includes operating manual

Features:

- Tri-chemistry charger for Motorola XTS 2500 portable radio
- Includes vehicle power adapter, tie-down strap, and mounting bracket
- Replaceable pod allows future use with different radios/batteries

Features:

- Tri-chemistry charging for multiple radio battery chemistries
- High capacity batteries are fully charged in 3-4 hours
- Compact design requires less vehicle space than other two-way radio chargers

Features:

- 4-unit charger will automatically condition and rapidly charge Ni-Cd and or Ni-Mh batteries
- Switches into maintenance mode after charge reaches 100%
- Lightweight, yet robust design



ACCESSORIES TWO-WAY RADIO BATTERIES

Motorola XTS 2500 Accessories Two-Way Radio Batteries

WV-7335-Lip



7.2V | 4100 mAh | Lithium Polymer

Features:

- Compatible with Motorola XTS 2500 portable radio
- ISO certified
- Has an extended run time of 24-30 hours
- One third of the weight of Ni-Cd and Ni-Mh chemistry batteries

WV-M985XTIS



7.5V | 2500 mAh | Ni-MH

Features:

- Manufactured with the highest quality components including matched cells from top Japanese cell manufacturers
- IP60 rated
- Includes belt clip

WM9858X



2700 Mah | Ni-Mh

Features:

- High-capacity battery compatible with Motorola XTS 2500
- Tested and approved for use in critical applications by the U.S. Military, Police Forces, and Fire Departments



ACCESSORIES TWO-WAY RADIO ADAPTERS

Motorola XTS 2500 Accessories Two-Way Radio Adapters

WV1-10335X



Hirose Quick Disconnect Adapter

Features:

- Otto V1-10540 compatible original Hirose Adapter for Motorola XTS Series radios
- This premium adapter is the standard for quick disconnect audio accessories

WV1-BDN6676D



3.5mm Threaded adapter

Features:

- BDN6676D Motorola Compatible
- Quick Disconnect 3.5mm threaded adapter for Motorola XTS3000 XTS 5000 Radios



ACCESSORIES TWO-WAY RADIO ANTENNA

Motorola XTS 2500 Accessories Two-Way Radio Antenna

WV-21832



778-882 MHz

Features:

- Waveband WV-21832 is compatible with Motorola XTS handheld radios

NAF5085A



136-174 MHz, Dipole, White Core (Wideband)

Features:

- 6 1/2 inch VHF 160-174MHz injection molded antenna for use with all Motorola XTS Series radios

WXTSVHF



136-174 Wideband

Features:

- 6 1/2 inch VHF 136 Mhz-174 MHz injection molded antenna for use with all Motorola XTS Series radios

XTS167-S



3.5 inch 160MHz-174 MHz

Features:

- 3.5 inch 160MHz-174 MHz injection-molded antenna for use with all Motorola XTS Series radios



ACCESSORIES TWO-WAY RADIO HEADSETS

Motorola XTS 2500 Accessories Two-Way Radio Headsets

WV4-1002



MICROPHONE

- Frequency 600Hz~12000Hz
- Sensitivity Within -3dB at 1V

EARPHONE:

- Frequency Range 100Hz~3000Hz
- Resonance Fo 100Hz

Features:

- Dual Sided Heavy-duty behind-the-head headset with noise-canceling boom microphone
- Noise reduction rating of 24 dB

WV4-10052



MICROPHONE

- Sensitivity: -34dB_+2dB
- Frequency range: 100-12Khz

SPEAKER

- Sensitivity: 110dB_+10%
- Frequency Range: F0-9Khz

Features:

- Behind-the-head headset with large body PTT
- Remote finger PTT
- Quick disconnect Hirose connector for Motorola XTS Series Radios
- Requires quick release adapter

WV4-1003-TAC



MICROPHONE

- Sensitivity 34dB_+2dB
- Frequency range: 100-12Khz

SPEAKER

- Sensitivity: 110dB_+10%
- Frequency Range: F0-9Khz

Features:

- Bone Conduction speakers receive through facial bones
- Unobstructed hearing for complete situational awareness
- Noise Cancellation Boom Microphone

WV4-10050X



Note: headset requires quick-release adapter that is sold separately

Features:

- Tactical behind the head headset for use with Motorola XTS2500 handheld radio
- Includes ring style push to talk that can be mounted on handlebars
- Comes with 6 pin hirose quick release connector



ACCESSORIES TWO-WAY RADIO BELT CLIPS

Motorola XTS 2500 Accessories Two-Way Radio Belt Clips



Black

Features:

- Belt Clip for Motorola XTS5000 Series Radios
- 2.5 inch spring action belt clip snaps on to your XTS, APX battery



ACCESSORIES TWO-WAY RADIO HOLSTER

Motorola XTS 2500 Accessories Two-Way Radio Holster

WW-2097B-150



Genuine American-made leather case

Features:

- Designed to fit the Motorola XTS 2500 portable radio
- Field-tested in over 30 countries
- Swivel partial keypad holster

WW-2096B-Dring



Leather Carrying Case

Features:

- Designed for XTS 2500 handheld radio
- Custom made for firefighters
- 3 D-rings for shoulder strap attachment
- Constructed with top grain USA cowhide

