RAPID. RELIABLE. REAL-WORLD SECURE.

XTS® MISSION CRITICAL WIRELESS

On patrol or overseeing crowd control, you want crystal-clear communications that are ultra-secure and lightning fast.   And XTS Mission Critical Wireless delivers. Our best-in-class Bluetooth® wireless solution, designed specifically for first responders, provides a truly secure link, easy pairing on the go, instant push-to-talk, in an all-day comfortable and durable earpiece.

GRAB AND GO WITH A "TOUCH"

The XTS Mission Critical Wireless Earpiece is so simple and secure; it pairs with just a "touch", even in the presence of other Bluetooth devices.   And it's so fast, it pairs in less than two seconds and wirelessly connects in less than five. Just grab the earpiece and securely pair to any XTS portable by placing the blue dot on the push-to-talk pod within inches of the blue dot on the adapter on the radio.

VERY FAST AND VIRTUALLY HACKERPROOF

While the radio is pairing, the Bluetooth ID and a strong 128 bit key are exchanged, ensuring transmission security is virtually unbreakable and brute force attacks on its encryption are nearly impossible.*   And with push-to-talk this fast, you can be sure every word is heard and every word is secure.

FLEXIBLE COMMUNICATION OPTIONS

Also available is the Mission Critical Wireless Push-to-Talk, a fast, flexible way to seamlessly and wirelessly connect with the earpiece. Whether a radio is under your coat or out of easy reach, you can access it using your wireless PTT--just tuck it in a pocket or clip it on a jacket.

WIRELESS THAT IS SEAMLESS AND EFFORTLESS

Enabling these best-in-class Bluetooth solutions is the wireless adapter. This slim, lightweight piece attaches to any XTS radio accessory connector and is innovatively designed for easy access. A blue light around the PTT button flashes to show it's paired with your earpiece and a toggle switch allows you re-route the audio to your radio if the earpiece gets pulled out of your ear. Also, this unique adapter enables connectivity with up to two wireless Bluetooth devices, allowing you to connect both the mission critical wireless earpiece and wireless push-to-talk at the same time.

CLEAR AUDIO AND ALL-DAY COMFORT

Our earpiece provides exceptional audio clarity and volume to ensure that messages come through loud and clear, even in noisy environments. Durable yet lightweight, it's comfortable to wear even on the longest patrols. With 10-hour battery life and USB rechargeability, you've got a best-in-class Bluetooth earpiece that's ready for your toughest tasks.

*In the many years 128 bit key (E0)encryption has been used, successful brute force attacks in the field have never been reported

MISSION CRITICAL WIRELESS EARPIECE AND WIRELESS PUSH-TO-TALK

Part Numbers	NTN2573 Mission Critical Earpiece (9.5" cable)
	NTN2570 Mission Critical Earpiece (12" cable)
	NTN2571 Mission Critical Wireless Push-to-Talk

PHYSICAL

Pod Dimensions w/o Clip	70 x 41 x 19 mm
Pod Dimensions w/ Clip	70 x 41 x 25 mm
PTT Weight (Typical)	43 grams
PTT and Earpiece Weight	64 grams
Audio Connector	2.5mm audio jack on pod
Charging Connector	Micro-USB

ENVIRONMENTAL

Operating Temperature	-30°C to +60°C
Storage Temperature	-40°C to +85°C
Thermal Shock	-40°C to +85°C
Charging Temperature	0°C to +45°C
Humidity	MIL-STD 810G Method 507.5 Procedure II
Radom/Sine Vibration	MIL-STD 810G Method 514.6, Procedure I, Category 24
Shock	MIL-STD 810G Method 516.6, Procedure I, V, VI
Drop	MIL-STD 810G Method 516.6, Procedure IV
Rain	IEC 60529
ESD	IEC 61000-4-2
Dust	IEC 60529
Salt/Fog	MIL-STD 810G Method 509.5, Procedure I
Solar Radiation	MIL-STD 810G Method 505.5, Procedure I
IP Rating	IP54

POWER

Battery	Lithium Polymer
Talk Time (5/35/60)	10 hours
Charge Time	3 hours

WIRELESS LINK

Pairing Distance	Proximity < 1 inch
Range	30 feet line-of-sight, 6 feet around body

XTS MISSION CRITICAL WIRELESS ADAPTER

Part Number	PMLN5792
Compatible Radios	XTS®5000, XTS 2500, XTS 1500, MT1500, PR1500

PHYSICAL

Dimensions	40 x 35 x 65 mm
Weight	30 grams
Connector	Standard XTS connector with 13-pin radio accessory interface
EPP Compliant	Reportable

CONTROLS

Push-to-Talk (PTT)	Large button on the adapter
Audio Routing	Toggle switch on the adapter

ENVIRONMENTAL SPECIFICATIONS

Operating Temperature	-30°C to +60°C
Storage Temperature	-57°C to +80°C
Thermal Shock	-40°C to +85°C
Humidity	90% - 95% Relative Humidity at +50°C for 8 hours
Radom/Sine Vibration	MIL810F Method 514.5, Procedure I, Category 24
Shock	MIL810F Method 516.5, Procedure I, Functional Shock
Drop	48 inch drop on to smooth concrete floor
Rain	MIL810F Method 506.4, Procedure I, Blowing Rain
ESD	IEC61000-4-2
Dust	MIL810F Method 510.4 Procedure I, Blowing Dust
Salt/Fog	MIL810F Method 509.4 Procedure I, Aggravated Screening
Solar Radiation	Method 505.4, Procedure I
IP Rating	IP55 (mated to radio)

POWER

Source	Radio Battery
Tested and Certified Wireless Devices	NTN2573 Mission Critical Earpiece (9.5" cable)
	NTN2570 Mission Critical Earpiece (12" cable)
	NTN2571 Mission Critical Wireless Push-to-Talk

All specifications are subject to change without notice. All specifications shown are typical.

For more information on how to be all-day secure on the go, visit www.motorolasolutions.com

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