



**EVERY WORD SECURE, EVERY SHIFT SAFER WITH BLUETOOTH® ACCESSORIES**

# APX™ MISSION CRITICAL WIRELESS

Pursuing a suspect on foot, directing traffic after a storm or heading out on undercover operations, first responders depend on wireless accessories that are remarkably fast, secure, robust and easy to use. Yet off-the-shelf Bluetooth technology lacks the performance, comfort and security they require.

That's why Motorola developed enhanced Bluetooth solutions for APX portable radios. Our APX Mission Critical Wireless portfolio stands out in meeting the critical criteria for secure and reliable wireless communications. With industry-leading earpieces, earbuds and push-to-talk (PTT) pods, our accessories are designed specifically for first responders in mission critical situations.

## **CRITICAL VOICE AND DATA ON DEMAND**

The APX Mission Critical Wireless portfolio is skillfully engineered to give first responders enhanced security, quick pairing and fast PTT. Integrated Bluetooth in our radios helps ensure every data transmission and every word gets through – whether you're talking to an officer handling crowd control or to a paramedic treating an accident victim.

## **JUST "TOUCH" AND GO**

APX Mission Critical Wireless Accessories pair with just a "touch", even around other Bluetooth devices. Accessories pair in less than two seconds and connect in fewer than five seconds. Grab an earpiece or earbuds and securely pair it to any APX portable by placing the PTT pod within an inch of the radio. There's no need to enter codes or navigate through menus on the radio.

## **EVERY TRANSMISSION IS SECURE**

While the APX radio is pairing, a Bluetooth ID and a strong 128-bit key are exchanged, ensuring transmission security is virtually unbreakable and hacker attacks on encryption are nearly impossible.\*

## **FAST, FLEXIBLE PUSH-TO-TALK**

When a radio is out of easy reach, conveniently access the APX Mission Critical Wireless PTT pod in your pocket or on a jacket. With a large PTT button and volume control that are easy to locate by "feel", it can be operated easily with gloves on.

## **CLEAR AND COMFORTABLE**

Our earpieces provide exceptional audio clarity and volume so messages come through loud and clear in noisy settings. The discreet earbud (available as a single-wire or 2-wire option), which looks like a consumer device, offers private listening in noisier environments. Durable yet lightweight, our wireless accessories fit snugly and comfortably. With 12-hour battery life and USB rechargeability, they'll handle the longest shifts.

## **EASE UNDERCOVER OPERATIONS**

For surveillance operations, our unique Mission Critical Wireless Covert audio kit provides the options an undercover officer needs when heading out for duty. This covert audio kit includes 2 sets of two-wire earbud headphones (1 black and 1 white version), a single-wire earbud headphone and an industry unique 3.5mm adapter that allows the officer to plug in any consumer off-the-shelf headphones to the wireless push-to-talk pod. The wireless push-to-talk pod powers the earbuds and must be ordered separately. Having these options available, gives the officer the opportunity to match the right discreet accessory to their surveillance needs for that day.

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

**PRODUCT SPEC SHEET**  
**APX MISSION CRITICAL WIRELESS**

**APX MISSION CRITICAL WIRELESS  
 PUSH-TO-TALK POD**

Part Number	NTN2571 Mission Critical Wireless Push-to-Talk Pod
Compatible Radios	APX 4000, APX 6000, APX 6000XE, APX 7000, APX 7000XE
Pod Dimensions with Clip	70 x 41 x 28.2 mm
Pod Weight	43 grams
Charging Connector	Micro-USB connector on pod
EPP Compliant	Reportable

**ENVIRONMENTAL**

Operating Temperature	-30° C to +60° C
IP Rating	IP54
Intrinsic Safety Rating	FM (as a standalone pod or with NTN2572 or NTN2575 earpieces only attached)

**POWER**

Battery	Lithium Polymer
Talk Time	12 hours typical (5/5/90) with earpiece or earbud attached 16 hours typical (5/5/90) as standalone PTT
Charge Time	3 hours

**WIRELESS LINK**

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

**APX MISSION CRITICAL WIRELESS  
 SINGLE-WIRE EARBUD**

Part Numbers	NNTN8294 Earbud with 11.5" cable NNTN8295 Earbud with 45" cable (NTN2571 Mission Critical Wireless Push-to-Talk pod must be ordered separately to power the earbuds)
Compatible Radios	APX 4000, APX 6000, APX 6000XE, APX 7000, APX 7000XE
EPP Compliant	Reportable

**ENVIRONMENTAL**

Operating Temperature	-30° C to +60° C
IP Rating	IP54
Intrinsic Safety Rating	None

**POWER**

Earbuds are plugged into Mission Critical Wireless push-to-talk pod for power (order NTN2571 Wireless PTT pod separately)

**REPLACEMENT PARTS**

NNTN8361 – Replacement Eartips kit (20 small, 20 medium, 20 large eartips and 10 clips)

**APX MISSION CRITICAL WIRELESS EARPIECE**

Part Numbers	NTN2573 Earpiece with 9.5" cable and push-to-talk pod NTN2570 Earpiece with 12" cable and push-to-talk pod
Compatible Radios	APX 4000, APX 6000, APX 6000XE, APX 7000, APX 7000XE
Charging Connector	Micro-USB connector on pod
EPP Compliant	Reportable

**ENVIRONMENTAL**

Operating Temperature	-30° C to +60° C
IP Rating	IP54
Intrinsic Safety Rating	FM

**POWER**

Battery	Lithium Polymer
Talk Time	12 hours typical (5/5/90)
Charge Time	3 hours

**WIRELESS LINK**

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

**REPLACEMENT PARTS**

- NTN2572 – Earpiece with 12" cable
- NTN2575 – Earpiece with 9.5" cable
- NTN2571 – Replacement push-to-talk pod
- PMPN4009 – Replacement or spare micro-USB plug-in charger
- NNT8821 – Maintenance Kit - includes 10 silicone ear tubes, 10 microphone seal strips and 2 foam windscreens
- NNT8988 – 10 Ear Straps to secure earpiece to ear
- RLN5037 – 10 Ear TUBES

**APX MISSION CRITICAL COVERT KIT**

Part Number	NNTN8296
Kit Includes	White 2-wire earbuds (45" cable) Black 2-wire earbuds (45" cable) Black single wire earbud (45" cable) 3.5 mm earbud adapter Mission Critical Wireless push-to-talk pod (NTN2571 Mission Critical Wireless Push-to-Talk pod must be ordered separately to power the earbuds)
Compatible Radios	APX 4000, APX 6000, APX 6000XE, APX 7000, APX 7000XE
EPP Compliant	Reportable

**ENVIRONMENTAL**

Operating Temperature	-30° C to +60° C
IP Rating	IP54
Intrinsic Safety Rating	None

**POWER**

Earbuds are plugged into Mission Critical Wireless push-to-talk pod for power (order NTN2571 Wireless PTT pod separately)

**REPLACEMENT PARTS**

- NNTN8299 – Replacement Eartips kit (2 small, 2 medium, 2 large eartips and 1 clip)
- NNTN8361 – Replacement Eartips bulk pack kit (20 small, 20 medium, 20 large eartips and 10 clips)

For more information on how to be all day secure, visit [motorolasolutions.com/apx](http://motorolasolutions.com/apx).

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