



**RAPID. RELIABLE. REAL-WORLD SECURE.**

# APX™ MISSION CRITICAL WIRELESS EARPIECE

On patrol or overseeing crowd control, you want crystal-clear communications that are ultra-secure and lightning fast. And APX 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 APX 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 APX portable by placing the push-to-talk pod within inches of 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.

## **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 12-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

**PRODUCT SPEC SHEET**  
MISSION CRITICAL WIRELESS

**PHYSICAL**

Dimensions w/o Clip	70 x 41 x 19 mm
Dimensions w/ Clip	70 x 41 x 25 mm
PTT Weight (Typical)	43 grams
PTT and Earpiece Weight	64 grams
Audio Connector	2.5mm jack
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
Intrinsic Safety Rating:	FM

**POWER**

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

**WIRELESS LINK**

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

For more information on how to be all-day secure on the go, visit  
[www.motorola.com/apx](http://www.motorola.com/apx)

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