



# WAVE™ MOBILE COMMUNICATOR

SECURE PTT ON THE GO





## WAVE MOBILE COMMUNICATOR

Turn your Android or iOS smart device into a multi-channel push-to-talk (PTT) handset with the WAVE Mobile Communicator. Enable instant and secure communications with other individuals on a two-way radio, computer or smart device. Extend your workforce communication to anywhere you have mobile broadband access on your existing devices with your existing broadband service providers.

### SUPPORTED DEVICES

- Android phones & tablets
- Apple iOS phones & tablets
- Motorola Solutions LEX L10
- Other speciality phones with dedicated PTT buttons
- Bluetooth PTT radio Remote Speaker Microphone (RSM), buttons and headsets
- 3.5 mm PTT RSMs, accessories and headsets

### CALL FEATURES

- Group PTT calls
- Private PTT calls
- End-to-end Encryption across radio and broadband
- Group text
- Active user indication
- Location sharing and mapping
- Talkgroup patching\*



## LOCAL LANGUAGE SUPPORT

Chinese (Simplified)	French	Portuguese (Brazil)
Chinese (Traditional)	German	Russian
Danish	Italian	Spanish (Latin America)
Dutch	Korean	Spanish (Spain)
English	Norwegian	Swedish

## WAVE MOBILE COMM PTT (5.11) SPECIFICATIONS

	Android	iOS
<b>Device Support</b>	4.1 and greater	8.1 and greater
<b>WAVE 5000</b>	v5.7.3-5.11 or WAVE OnCloud	
<b>Security</b>	Algorithm w/ Key Size: AES, 256 bit key using Diffie-Hellman for key exchange between mobile and proxy Cryptography: FIPS 140-2 Level 1	
	Standard Android Cryptographic Modules	Standard Apple FIPS iOS Cryptographic Modules
<b>Audio</b>	13 kbps, GSM Full Rate Codec	
<b>Location Sharing</b>	Configurable intervals from 5 seconds to 1 hour	
<b>Location Accuracy</b>	Dictated by the accuracy of the device's location share and settings	
<b>Active Talkgroups</b>	WAVE 5000: Up to 16	
<b>Bluetooth</b>	Standard - Serial Port Protocol (SPP) Low Energy - Security Management Protocol (SMP)	Low Energy - Security Manager Protocol (SMP)
<b>Specialty Device Integration (hard PTT activates WAVE PTT)</b>	Motorola Solutions LEX L10 and L10g Motorola Solutions LEX L10i and L10ig Sonim XP7, XP6 Kyocera Torque Kyocera Brigadier	

## WAVE PTT (5.12) SPECIFICATIONS

	Android	iOS
<b>Device Support</b>	4.1 and greater	9.0 and greater
<b>WAVE 5000</b>	v5.12 or WAVE OnCloud	
<b>Security</b>	TLS with Server side certificates for key exchange and AES256 for encryption Cryptography: FIPS 140-2 Level 1	
	Standard Android Cryptographic Modules	Standard Apple FIPS iOS Cryptographic Modules
<b>Audio</b>	8 kbps, OPUS narrowband, variable Codec	
<b>Location Sharing</b>	Configurable intervals from 5 seconds to 1 hour	
<b>Location Accuracy</b>	Dictated by the accuracy of the device's location share and settings	
<b>Active Talkgroups</b>	Up to 16	
<b>Bluetooth</b>	Standard - Serial Port Protocol (SPP) Low Energy - (SMP)	Low Energy - Security Manager Protocol (SMP)
<b>Specialty Device Integration (hard PTT activates WAVE PTT)</b>	Motorola Solutions LEX L10 and L10g Motorola Solutions LEX L10i and L10ig Sonim XP7, XP6, XP5 Kyocera Torque Kyocera Brigadier Kyocera Duraforce Pro	



## RADIO SYSTEM INTEGRATION

	Wireline Interface	Wireless Interface via MOTOBRIDGE™ or 3rd-Party Gateway
Motorola Solutions MOTOTRBO Capacity Plus	✓	✓
Motorola Solutions MOTOTRBO Capacity Max	✓	✓
Motorola Solutions DIMETRA TETRA	✓*	✓
Motorola Solutions ASTRO 25 Conventional P25		✓
Motorola Solutions ASTRO 25 Trunked P25	✓*	✓
Other Project 25 (P25) systems		✓
Other non-P25 systems		✓

## WAVE COMMUNICATOR APPLICATION SUITE

### WAVE Mobile Communicator

Secure PTT on the go

### WAVE Desktop Communicator

Office-based PTT app

### WAVE Advanced Desktop Communicator

Feature-rich communication console

### WAVE Web Communicator

Browser-based secure PTT



To learn more about WAVE, visit [motorolasolutions.com/wave](http://motorolasolutions.com/wave).

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\* Not compatible with WAVE OnCloud

Availability is subject to individual country law and regulations. All specifications shown are typical unless otherwise stated and are subject to change without notice.

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