



# Dual Push-to-Talk

## The Power of Smarter Push-to-Talk at your Fingertips

The Dual PTT enables you to communicate on two talk groups with a single radio. Two independent talk group/volume knobs allow you change talk groups and adjust headset volume of two channels independently. You can talk on both groups separately or simultaneously using the two PTT buttons. The Dual PTT also allows you to carry one radio while still having access to legacy audio networks via the MPU5's Radio over IP (RoIP) tethering capability.

### Reduced SWaP

- IP-based advanced audio architecture gives you flexibility to carry a single radio while still having access to legacy audio networks via the MPU5's Radio over IP (RoIP) functionality
- Legacy LMR radios tethered to MPU5s can be utilized as network services by simply switching to their assigned channels
- Half the weight of competing devices
- No batteries required

### Be Heard. Anywhere. Anytime.

- Crystal clear audio ensures every syllable comes through and is understood.
- Analog to digital audio conversion occurs as close to the source as possible to preserve signal integrity and ensure communication reliability.
- The Wave Relay® MANET keeps users connected across multiple hops and around corners, making sure the message goes through in any environment or network topology – even when faced with non-line-of-sight (NLOS) connections.

### Ergonomic. User-Friendly.

- Ratcheting clip secures the Dual PTT and can be moved to either side of the device, allowing for left- and right-handed operation.
- Provides power and data connection to an EUD
- Routes cables naturally in your kit, eliminating unwieldy lengths of cable or awkward connector angles.
- The two PTT buttons are unique to the touch, allowing you to distinguish between them by feel and key up the correct channel without looking down.

# Specifications

## Physical

- Size**
- 2.73 x 1.73 x 1.00 in.
  - 6.93 x 4.39 x 2.54 cm

## Weight

- 5.4 oz.
- 153 g

## Enclosure

- 100% durable aluminum
- Hard anodized to prevent salt de-posits and oxidation

## Connections

- (1) Headset
- (1) USB
- (1) MPU5

## Ergonomics

- Adjustable clip
- Left- and Right-handed operation

## Audio

### Audio Output

- Stereo
- Mono

### Talk Group Selection

- (2) Talk Group Selection Knobs
- (16) Total Talk Groups

### Volume

- (2) Volume Knobs
- (3) Volume levels per knob
- Independent channel and volume adjustment

## PTT Buttons

- (2), Distinguishable by touch
- Simultaneous or independent channel operation

## Environmental

### MIL-STD-810G

### IP68 Rated

- 20m immersion up to 30 minutes
- Dust-proof

### Operating Temperature

- -40°C to +85°C

### Emissions

- EMI certified

## Power

### Input

- Powered from MPU5 - no dedicated power source required

### Output

- Powers & Charges EUD

## Compatibility

### Headsets

- 1/4 in. 4-contact
- 1/4 in. 5-contact
- 3.5mm headset

### End User Devices

- Juggernaut EUD Case

