

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 righthanded 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

PTT B

To EUD / USB

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

Clip

To MPU5

- (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

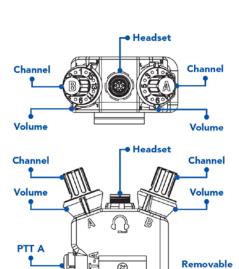
Compatibility

Headsets

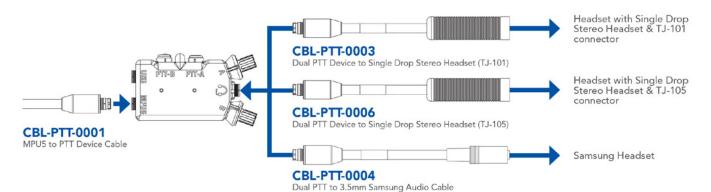
- 1/4 in. 4-contact
- 1/4 in. 5-contact
- 3.5mm headset

End User Devices

Juggernaut EUD Case









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