

SPEAKER MICROPHONE - IP67 (Waterproof)

Kevlar Reinforced Professional Grade - MILSPEC 810F



AVAILABLE WITH BODY PTT -
CONVERT TO TACTICAL PTT WITH
REMOVABLE PTT SHROUD

CERTIFIED MIL-STD-810F

- Low Pressure Altitude (MIL-STD-810F, Proc. 500.4)
- High Temperature Storage, Cyclic (MIL-STD-810F, Method 501.4)
- High Temperature Operation, Cyclic (MIL-STD-810F, Method 501.4)
- Low Temperature - Storage (MIL-STD-810F, Method 502.4)
- Low Temperature - Operation (MIL-STD-810F, Method 502.4)
- Temperature Shock (MIL-STD-810F, Method 503.4)
- Solar Radiation (MIL-STD-810F, Method 505.4)
- Wind Driven Rain (MIL-STD-810F, Method 506.4)
- Humidity (MIL-STD-810F, Method 507.4)
- Salt Fog (MIL-STD-810F, Method 509.4)
- Dust Robustness (MIL-STD-810F, Method 510.4)
- Humidity (MIL-STD-810F, Method 507.4)
- Salt Fog (MIL-STD-810F, Method 509.4)
- Random Vibration (MIL-STD-810F, Method 514.5)
- Mechanical Shock Exposure (MIL-STD-810F, Method 516.5)
- Shock-Transit Drop (MIL-STD-810F, Method 516.5)
- Temporary Water Immersion IP67: 1m 31min
- Cable Stretch Cycle Exposure: 50,000 stretches, 25,000 rock and twist cycles - 270 degrees rock and 90 degrees twist. 3:1 extension ratio 25C
- Cable Pull Strength at Head: 50lbs
- Electro Static Discharge (ESD) Immunity Test: (IEC/EN 61000-4-2)

AVAILABLE FEATURES

- Emergency Button
- High/Low Volume
- Antenna Jack
- 2.5mm, 3.5mm or 3.5mm threaded audio jack

CABLING

Jacket: 5.5 Polyurethane, Kevlar Reinforced

SPEAKER

Transducer	Moving coil dynamic speaker
Impedance	8 ±15% @1KHz
Sensitivity	120 dB±10% @1KHz
Resonance freq (F0)	400HZ±20%
Frequency response	F0-9KHz
Rated input power	0.5W
Maximum input power	1W

MICROPHONE

Type: Noise Cancelling (available without)	
Transducer	Electret condenser microphone
Sensitivity	-34±2dB @1KHz 2.2K 3V 0dB=1v/pa
Impedance	Max:2.2k @1KHz
Directivity	Omni-directional
Frequency	100Hz-16000Hz
Max operation voltage	10V
Standard operation voltage ..	3V
Current consumption	Max: 0.5mA
S/N ratio	Min: -34dB @1KHz

MECHANICAL

Axial Pull at Speaker Mic Head: 50lbs

ENVIRONMENTAL

RoHS Compliant

