



Multi-Function Control Unit MFC1000

Much more than a Push-To-Talk (PTT) our MFC1000 Multi-Function Control Unit is engineered to deliver our FalCom Full Mission commitment: Comfort, Awareness and Protection while achieving industry leading ultra-low power consumption (10 x lower than competition). In addition to working with FalCom headsets the MFC1000 is designed to interface, with a broad range of existing user headsets to ensure that the Warfighter stays connected while protected.

Features

- Smart situational protection by only isolating audio bands experiencing high noise levels
- Dedicated hear through processing for industry leading situational awareness and threat localization
- Dual source voice pickup
- Two PTT buttons
- Fully software upgradeable system
- One communication port supporting up to two channels
- Ultra low power consumption
- Designed to MIL-STD- 810 F/G and MIL-STD-461 F
- Interface cabling allows interoperability with a wide range of radios and smartphone devices



Dimensions	
Color	Coyote Tan
Size*	H: 70 mm W: 46 mm L: 29 mm
Weight	115 g

*Not including connectors

Power Consumption	
Power consumption	< 15 mW
Use time on AA battery (via battery dongle)	> 200 hours

Environmental Data	
IP rating	IP68 (2 M for 2 hours)
Operating temperature	-40°F to 140°F, -40°C to 60°C
Storage temperature	-40°F to 160°F, -40°C to 71°C

System Performance (with ITE2000)	
System bandwidth for hear through	> 10 kHz
Average localization error compared to naked ear	< 5 Degrees

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