Radio Interface

Datasheet

Product Description

Expand your iriSound waterproof intercom with seamless connectivity to external radios and audio sources. Compatible with most radios featuring external audio and PTT, this configurable unit is pre-set to your radio's make and model for plug-and-play integration. Works with leading brands like Motorola, Sepura, Garmin, ICOM, Entel, and Sailor – and beyond.

Key Features:

- Seamless Connectivity to external radios and audio sources.

- Waterproof Design suitable for harsh environments.

- Wide Compatibility with most radios that have connection for external audio and PTT signals.

- Pre-configured for Specific Radio Makes and Models for easy plug-and-play setup.

- Supports Leading Radio Brands such as Motorola, Sepura, Garmin, ICOM, Entel, and Sailor.

- Support for full-duplex radios.

Technical Specifications

Radio Interface	
Weight	230 g (excl. cable)
Dimensions	L110xW75xH50 mm
Waterproof	IP67
Temperature range	-30 to +60 °C
Connectivity	IWCS Bus
Frequency range	20 - 16.000 Hz
Power Supply	IWCS Bus
PTT & Hook	Open Collector <100 Ω when active
Part number	IR-20-1071.03-_____

Mechanical Features

1. Radio Interface Cable

2. Status LED

3. RX & TX Volume Trimmers

4. External PTT input

5. Audio/Data Cable input

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