Roger Talk

Empowering Mission-Critical Radio Communication



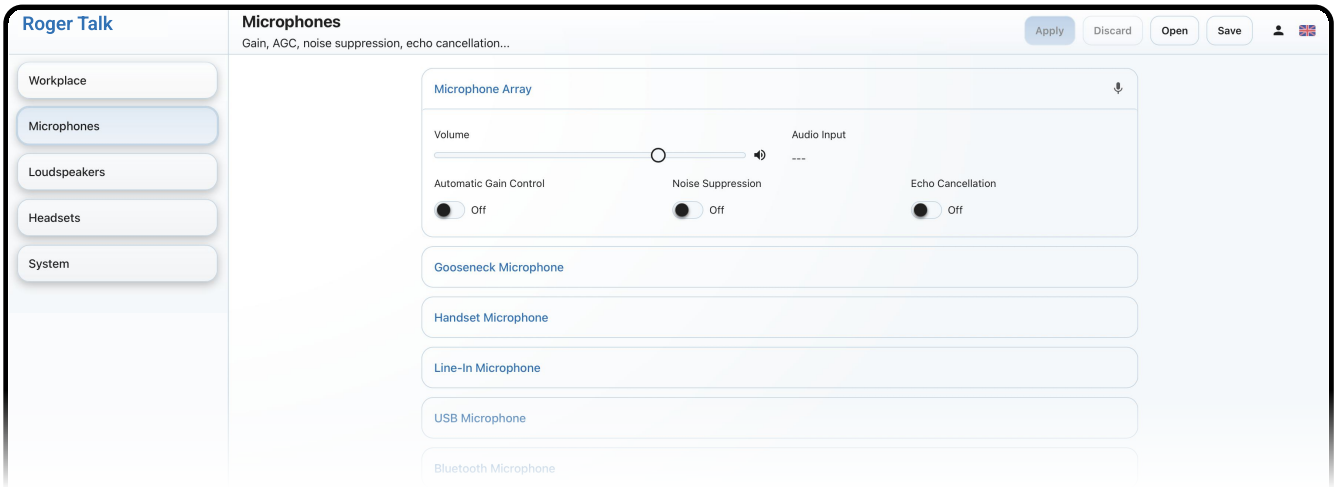
- Standard USB Audio and HID interfaces for seamless integration with PC-based dispatch applications
- Integrated four-microphone array, connectivity for gooseneck microphone, handset and line-level audio
- Integrated 10 W loudspeaker with volume control and LED bargraph indication
- Dedicated PTT, Call and Hang Up buttons plus external PTT input for fast and intuitive operation
- Integrated USB hub for flexible connection of USB peripherals

The **Roger Talk** is a compact USB audio and control terminal designed for use with PC-based dispatch applications in professional and mission-critical communication environments. Using standard **USB Audio and HID interfaces**, it provides seamless integration of audio and operator controls without requiring proprietary PC hardware.

An integrated **four-microphone array**, an XLR connector for a professional gooseneck microphone, line-level audio input and output, and a handset interface provide flexible options for different operator environments. The integrated **10 W loudspeaker** and dedicated volume control with LED bargraph indication provide clear audio reproduction and intuitive level adjustment.

Dedicated **PTT, Call and Hang Up buttons**, together with an **external PTT input**, provide direct access to essential communication functions. All operator controls are available to the connected PC through the USB HID interface, allowing their functions to be assigned and controlled by the dispatch application.

With its **integrated USB hub** and flexible audio connectivity, Roger Talk combines audio, operator controls and peripheral connectivity in a single compact device. Designed for easy integration and long-term maintainability, it provides a flexible solution for modern PC-based dispatch workstations.



Hagedorn Informationssysteme GmbH

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www.hagedorn-infosysteme.de
info@hagedorn-infosysteme.de



Technical specifications	
Processor	XMOS XU316-1024 (32-bit Microcontrollers) Provides 16 deterministic real-time logical cores High-performance parallel processing DSP capabilities and flexible programmable interfaces
USB ports	1x USB (Type-C) - Interface for connection to a host PC 1x USB (Type-C) - Connector for additional extra power (if required) 1x USB (Type-A) - optional USB device
Handsets	HOLMCO Funk 75 Tipro TM-HUM-5AW-C15C25
PTT and control buttons	3 x PTT/Call Function Buttons Audio Peripheral Selection Button Digital rotary volume encoder with LED bar indicator 3.5mm female jack External PTT
Audio outputs	Built-in speaker, 4 Ohm/10W 3.5mm female jack stereo output
Audio inputs	Built-in 4-Microphone array XLR-microphone connector with 48V DC Phantom power 3.5mm female jack mono input
Dimensions (HxWxD)	107 x 170 x 185mm (cradle) / 107 x 110 x 185mm (no cradle)
Weight	1100g (cradle) / 850g (no cradle)
Operating temperature	-5°C to +50°C
Storage temperature	-25°C to +70°C
EMC	EN 55022 Kl. B:2010 EN55024:2010

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