Roger Standard 4.3“

Professional communication and operator workstation for mission-critical operational environments



- Operation of TETRA (DF-Stecker and Fix Radio Terminal), Tetrapol, analog radio systems, and telephony (PBX)
- Supports up to four half-duplex and one full-duplex communication channel simultaneously
- Audio codec support for narrowband (ACELP), G.711, and modern wideband communications (5G)
- Integrated DSP with echo cancellation, noise suppression, limiter, automatic gain control, beamforming and equalizer
- Web-based configuration, firmware updates, and SNMP monitoring

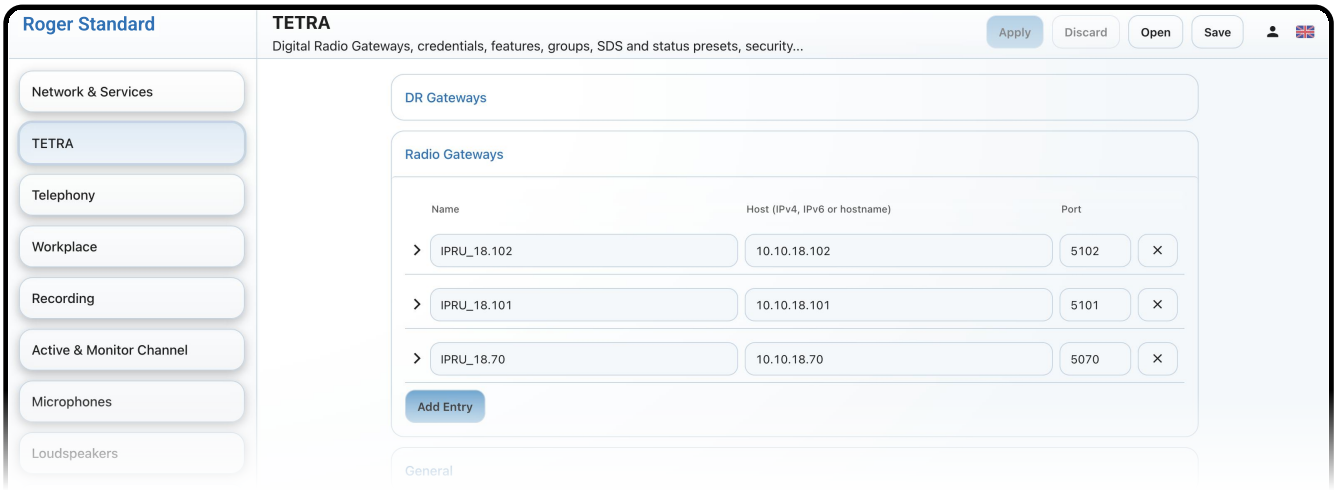
Roger Standard is a network-capable communication and operator terminal for mission-critical operational environments. A high-resolution 4**.3-inch touchscreen, five dedicated PTT buttons, separate call and hang-up buttons,** and **two volume controls** with an **integrated mute function** enable fast and intuitive operation.

The two-channel audio architecture — with one **active communication** channel and **one mixed monitoring channel** — provides a clear overview of the current communication situation, even when operating multiple channels simultaneously.

The **integrated voice recording** enables conversations to be recorded locally and subsequently played back for documentation purposes.

Thanks to its use of a **Linux operating system** and **standardized USB and Bluetooth interfaces**, Roger Standard supports a wide range of commercially available **audio peripherals**. Headsets, loudspeaker systems and other audio accessories can be flexibly connected without reliance on proprietary hardware.

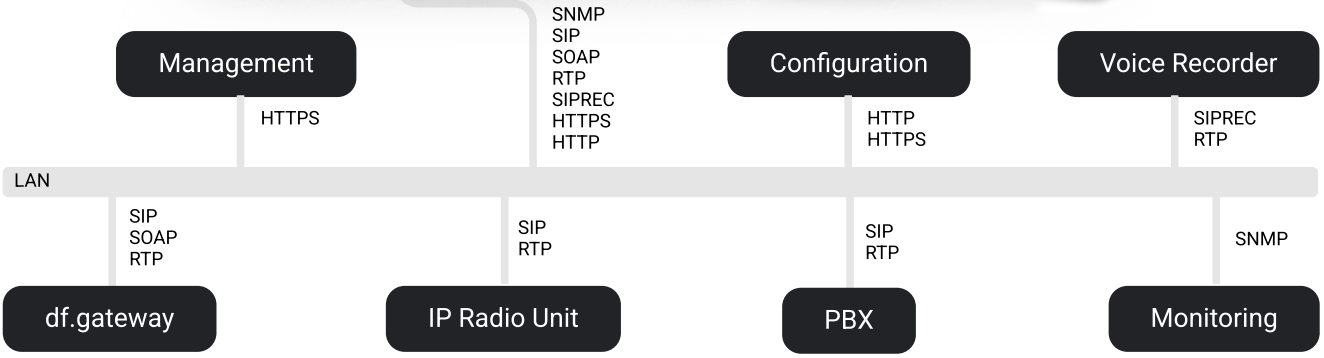
The platform is designed for **easy commissioning** and **long-term maintainability**, providing a scalable and future-proof foundation for professional mission-critical communication and integrated control center applications.



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Technical specifications	
Processor	Cortex-A72 (Armv8) quad-core 1.5GHz
Memory	8GB LPDDR4 SDRAM
Storage	Built-in eMMC Flash 32GB
Operating system	Linux
Display	4.3inch Capacitive Touch Screen HDMI IPS LCD (800×480)
Power supply	Connector: MULTICOMP 2MJ-0402A120 Voltage: 10-15V DC Consumption: ≤60W
Network	Ethernet: 2xRJ45 10Mbps and 100Mbps with auto negotiation WiFi: Dual-Band (2.4GHz, 5.0GHz) IEEE 802.11 b/g/n/ac wireless Bluetooth: 5.0, Bluetooth Low Energy
USB ports	3x USB 2.0 (Type-A) 1x USB 2.0 (Type-C) service use only
Handsets	HOLMCO Funk 75 Tipro TM-HUM-5AW-C15C25
PTT and control buttons	7x programable PTT Buttons 2x digital rotary volume encoder with LED bar indicator 3.5mm female jack External PTT
Audio outputs	2x Built-in speaker, 4 Ohm/10W 2x external speaker connector RCA, 4-8 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)	90 x 260 x 185mm
Weight	1700g (cradle) / 1420g (no cradle)
Operating temperature	-5ºC to +50°C
Storage temperature	-25ºC to +70ºC
EMC	EN 55022 Kl. B:2010 EN55024:2010

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