Roger Comfort 7“

Professional communication and operator workstation for mission-critical operational environments



- Support for **TETRA** (DF-Stecker and Fixed Radio Terminal), **TETRAPOL, analog radio systems** and **telephony** (PBX)
- Simultaneous operation of up to four **half-duplex** and **one full-duplex communication channel**
- Support for **ACELP**, **G.711** and **AMR-WB** for MCX/MCPTT in accordance with the 3GPP standard, for narrowband and broadband communication
- Integrated digital signal processing (DSP) with echo cancellation, noise suppression, limiter, **compressor** and **equalizer**
- **Web-based configuration**, firmware updates and **SNMP monitoring**

Roger Comfort is a standalone, network-capable communication and operator terminal for mission-critical operational environments. A **tiltable, high-resolution 7-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.

In addition to its communication functions, the **large 7-inch touchscreen** offers ample space for **additional applications. Messaging, door control, video surveillance, building automation and digital maps** can be integrated directly at the workstation. Together with the integrated voice recording, this makes Roger Comfort a central operator workstation for communication and supplementary operational functions.

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

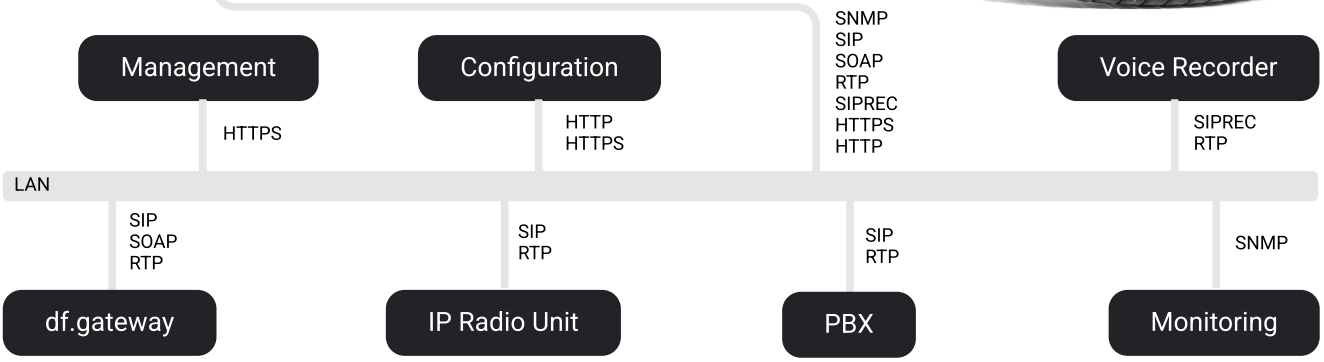
Thanks to its use of a **Linux operating system** and **standardized USB and Bluetooth interfaces**, Roger Comfort supports a wide range of commercially available **audio peripherals**. Headsets, loudspeaker systems and other audio accessories can be flexibly connected without reliance on proprietary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

Hagedorn Informationssysteme GmbH

Hagedorn Informationssysteme GmbH
www.hagedorn-infosysteme.de
info@hagedorn-infosysteme.de





Technical specifications	
Processor	Cortex-A72 (Armv8) quad-core 1.5GHz
Memory	8GB LPDDR4 SDRAM
Storage	Built-in eMMC Flash 32GB
Operating system	Linux
Display	7.0inch Capacitive Touch Screen HDMI IPS LCD (1024×600)
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)	107 x 320 x 185mm
Weight	2250g (cradle) / 1990g (no cradle)
Operating temperature	-5ºC to +50°C
Storage temperature	-25ºC to +70ºC
EMC	EN 55022 Kl. B:2010 EN55024:2010

Hagedorn Informationssysteme GmbH

Hagedorn Informationssysteme GmbH
www.hagedorn-infosysteme.de
info@hagedorn-infosysteme.de