



IP Radio Phone 7"

Communication control for digital and analogue radios

IP Radio System with IP Radio Unit streamers offers to the customers from the BOS-area a innovative and fully VoIP based radio communication.

The communication units are available in different form factors to suit any workplace.

Hauptmerkmale

- IP connection to radios and Concentrator
- Communication, recording and playback for up to four radios or groups
- Color touchscreen display
- Powerful computer (G.711 and TETRA Codec support)
- 3 variants available (Basic, Standard and Comfort)
- Intuitive user interface
- Internal speakers (actual and mixed)
- Four integrated PTT buttons with TxGranted status LED
- Two integrated volume controls with LED level bar and Mute function
- Multiple connectors for audio accessories
- Handset integrated or external
- XLR-female connector for gooseneck microphone
- SIP Client for PBX
- Control rooms integration possible

On the backside of the units, there are several audio accessories connectors for external speakers, handset, headset, external PTT.

The ethernet interface is used not only for connecting into the IP networks, it has also the switch functionality.



IP Radio Phone is based on powerfull computer with 800 MHz CPU and 4,3" touchscreen. It also support simultaneously up to four groups in control with a separate PTT button. The outgoing speech is provided over the built-in stereo microphone, or over the gooseneck microphone (XLR female connector) as well. The incoming speech is

played inside two integrated speakers (actual and mixed).IP Radio Phone has the intuitive graphical user interface. Beside the TETRA radios, the analogue BOS-devices and PBX connection using internal SIP client are supported.

Technische Daten

Power supply	10-15 VDC
Power consumption	60 W
Ethernet	Integriert LAN Switch 2 x RJ45
USB interface	2 x USB, Connector: Type A
Internal speakers	2 x Lautsprecher 8 Ohm / 3W, Betrieb und Mithören
External speakers	2 x DIN6 Stecker für 4x externe Lautsprecher 4-8 Ohm / 10W
PTT	4 x Group Channel PTT, 1 x Individual Channel PTT, 1 x Dial button, 1 x Hang-up button, connector for extern PTT Jack 6,3mm
Handset connector	Stecker für Handset, RJ45, including PTT and Hook Switch
Headset connector	Stecker für Headset Hirose 12 Pin female, stereo output, mono input
Line In/Out	Stecker 2 x Jack 3,5mm stereo output, mono input
Microphone	Internal stereo Mikrofon
Gooseneck microphone	XLR-female connector (3 Pin), DC 48V phantom power
Volume control	2 x digital potentiometer with LED bar and mute button
CPU	Freescale i.MX537 800MHz
RAM	1 GB
SD Card	4 GB
Screen Size (diagonally)	7" (800 x 480)
OS	Linux
Dimensions (HxWxD)	100 x 395 x 183 [mm]
Weight	1900g
Temperature	-5 bis +60 °C
EMV	EN55022:2010, EN55024:2010