

TELERAD

Aeronautical and Maritime Radiocommunication Systems

VOIP OPERATING CONSOLE

PUIP9000-2G

OVERVIEW

- Designed for operating on a network with remote radio devices through a Voice Over IP protocol
- EUROCAE ED-137B compliant
- Transmitters, receivers and transceivers management over up to four VoIP sessions
- Automatic or manual opening of sessions
- 2 Ethernet ports
- Embedded web server for an easy configuration and management
- Optional touch screen panel for configuration and management
- Radio management through SNMP (ED-137)



Solution with Control Panel

MAIN FEATURES

The TELERAD PUIP9000-2G is a Voice over IP operating console that has been designed to operate remote radios using the EUROCAE ED-137B VoIP standard through an Ethernet network.

It can be easily configured and managed (settings, establishment of VoIP sessions, measurement report,...) with a PC through a web explorer or a terminal emulation software. No specific software is needed on the PC. After configuration, the PUIP can operate alone or be operated through a web explorer. Operating from a web explorer allows enhanced capabilities.

The operating console is 24 V_{DC} power supplied. Two independent power supplies inputs are available for redundancy (both sources are internally coupled).

Lights indicators on the front panel display status of the operating console and VoIP sessions. Microphone and headset can be used either locally from the front panel or remotely. In a remote use they are connected, through the rear connector, to a plate on the desktop.

Dimensions of the PUIP9000-2G allow it to be installed into a 3U/28TE desk casing or the user console.



WEB Interface

■ GENERAL CHARACTERISTICS

Power supply:

DC : 24 V_{DC} (21-31 V_{DC})

Power consumption:

24 V_{DC}: 700 mA (Typ.)

AF power on loudspeaker output:

3 W / 8 ohms

Microphone sensitivity (SW selectable):

- 1 mV / 600 ohms
- 200 mV / 150 ohms (for amplified microphone, max. 30 mA)

Headset output:

10 mW / 600 ohms

VoIP sessions:

Can manage up to four VoIP sessions according to ED-137B standard

■ MECHANICAL CHARACTERISTICS

Width:

141 mm

Overall depth:

200 mm

Height:

129 mm

Weight:

1.7 kg

■ CLIMATIC CHARACTERISTICS

Operating:

between -20°C and +55°C

Relative humidity:

95% at +40°C (non-condensing)

Storage:

from -30°C to +80°C

■ WEB ADMINISTRATION CHARACTERISTICS

- login
- operation:
 - mono or multi frequency,
 - channel selection,
 - alarms monitoring
- configuration management:
 - user management connection history,
 - file configuration,
 - radio equipment,
 - preset channel,
 - frequency setting,
 - measurement

Frequency Settings

Frequency ID	Name	Mode	Linked Radio Equipment	
1	TOWER1	Preset channel VHF Band	Transmitter Main n°1 Name : TELERAD	Receiver Main n°2 Name : TELERAD
2	GROUND	Multi-frequency 310.000 MHz UHF Band Min UHF:300.000 MHz Max UHF:400.000 MHz	Transmitter Main n°7 Name : TELERAD	Receiver Main n°3 Name : TELERAD
3	BOAT1	Preset channel VHF Band	Transmitter Main n°8 Name : TELERAD	Receiver Main n°6 Name : TELERAD