

**TELERAD**

Aeronautical and Maritime Radiocommunication Systems

## REMOTE CONTROL CONSOLE

**PCR9008-DS**

### OVERVIEW

The remote control console PCR9008-DS permits to remote control a VHF or UHF synthesized transmission-reception single station.

Exchange of remote control information is performed by means of a RS485 interface.

The PCR9008-DS has two retro-lit L.C.D's permitting the following operations:

#### Multifrequency mode :

Operation of all the channels within the VHF or UHF frequency band, step 25 kHz, 12.5 kHz or 8.33 kHz (according to the units)

#### Channel mode :

Operation of one channel out of the 32 pre-programmed channels

#### Programming mode :

Possibility to allot the frequency selected in the multifrequency indicator display to a specific channel.



Designed for the operator, the console comprises all controls and indications required to operate the transceiver. It disposes of an amplifier for listening the AF reception.

Its dimensions (3 U) allow its installation into the rack 19", into a desk casing, or its insertion in the operator's console.

The remote control unit is fully modular to allow an easy maintenance and a quick repair.

## ■ GENERAL CHARACTERISTICS

The PCR9008-DS console has the following functions:

- Squelch control,
- P.T.T. control (\*),
- Call information (\*),
- Alarm information (\*),
- AF reception,
- AF transmission,
- Microphone input (\*),
- Headset output,
- Listening on built-in loudspeaker,
- Frequency control (synthesizer),
- Programming of 32 channels.

The functions marked (\*) are accessible on the rear side of the console for an operation from a radio control.

## ■ CLIMATICAL CHARACTERISTICS

### Operation guaranteed:

Between 0°C and +50°C. 95% relative humidity at 40°C (non-condensing)

### Storage:

From -40°C to +80°C

## ■ RADIOELECTRICAL CHARACTERISTICS

### Modem:

- Transmission speed of data to the equipment: 600-1200-2400-4800-9600-19200-38400 Bauds (RS485 - JBUS protocole)
- Transmission speed of data to the supervisor: 9600-19200 Bauds (RS485 - JBUS protocole)

### Power supply:

- DC voltage: 21-31 V (negative to the ground)
- Consumption under 24 V: 0.5 A

### Radio control:

- AF transmission: 0 dBm/600 ohms
- Recording output: 0 dBm/600 ohms
- AF reception: 0 dBm/600 ohms

## ■ MECHANICAL CHARACTERISTICS

### Dimensions of the front panel:

280 mm x 132.5 mm

### Overall depth:

150 mm (rear connectors included)

### Weight:

1.7 kg