OCTOPUS II

MULTIRECEIVER

- **OCTOPUS II** is a system made up eight receivers that allows monitoring of AM and FM spectrum and offering broadcasters a high degree of control and the possibility of recording both their own emissions as other stations. Designed to be controlled by affront four line LCD display with which program the tuning of each receiver and the real-time monitoring of the main parameters of each receiver.
- It has a USB 2.0 port for PC control. Incorporating an http server, you can also manage remotely via any web browser.
- The local listener of each receptor can be monitored by a speaker (mono) or through the headphone jack (stereo).
- Providing direct alarms of fault of carrier, absence of stereo pilot and non audio from each channel.
- It comes in 19" format, which can be installed in a standard closet.

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TECHNICAL SPECIFICATIONS:

FM Receiver

Frequency range:	87,5 – 108,0 MHz
Canalization:	100 KHz
De-enphasys:	50 µs / 75 µs
Sensitivity:	-95 dBm
RDS Sensitivity:	-80 dBm @ BLER <5%
AM Suppression:	50 dB
Adjacent cannel selectivity:	70 dB @ ±400 KHz
Audio response:	30 Hz – 15 KHz @ -3dB
Stereo separation:	42 dB
SNR audio (mono):	63 dB
SNR audio (Stereo):	58 dB
Audio distortion:	0,1%

AM Receiver (option)

Frequency range:	520 – 1710 MHz
Canalization:	9/10 KHz
Sensitivity:	S+N/N = 26dB 25µV EMF
SNR audio:	60 dB
Audio distortion:	0,1%

General

Dimensions:	2U x 19" x 243 mm
Weight:	3 kg
Power:	90-220 VAC
Temperature range:	-20°C to +70°C
Inputs:	1 x antenna FM
	1 x antenna AM
	1 x power AC
Outputs:	8 x data RDS
	2 x 8 x audio
	8 x alarms
Comunications:	1 x Interface USB 2.0
	1 x Ethernet 10 base T
Audio monitoring:	1 x speaker
	1 x headphones connector
Alarms indications:	1 x acoustic
	8 x RF loss
	8 x Audio loss
	8 x Stereo loss
Other indications:	8 x active channel
	1 x ON
	1 x MUTE audio
	1 x alarm report
	1 x RDS data
Audible warnings:	By incorporated buzzer
User interface:	1 x 4 lines display
	1 x 6 keyboard keys

Specifications subject changes without notice.