



WAVENET

OCTOPUS



SPECIFICATIONS

FM RECEIVER

FREQUENCY RANGE: 87.5 MHz - 108.0 MHz (50 KHz STEP)
 INTERMEDIATE FREQUENCY: 10.7 MHz
 ANTENNA IMPEDANCE: 75 Ω
 SENSITIVITY: -92 dBm FOR 50 dB S/N
 MAX. SNR: 75 dB
 DISTORTION: 0,2 %
 AUDIO OUTPUT LEVEL: 1 V
 STEREO SEPARATION: 40 dB
 IMAGE REJECTION: 80 dB
 AM REJECTION: 50 dB
 ADJACENT CHANNEL SELECTIVITY @ +/-400 KHz: 75 dB
 INTERMODULATION REJECTION @ +/- 800 KHz: 65 dB
 IF REJECTION: 70 dB
 SPURIOUS EMISSIONS: MEETS EN 55013
 GENERAL: MEETS EN 55020

AM RECEIVER

FREQUENCY RANGE: 522 KHz - 1611 KHz (9 KHz STEP)
 INTERMEDIATE FREQUENCY: 450KHz
 SENSITIVITY FOR S/N 20 dB: -60 dBm
 MAX. SNR: 50 dB
 DISTORTION: 0,7 %
 IMAGE REJECTION: 36 dB
 IF REJECTION: 55 dB
 AUDIO FREQUENCY RESPONSE: 40 Hz A 4 KHz (-10 dB)
 AGC RANGE: 58 dB

GENERAL

OPERATING TEMPERATURE: -20° C A + 70° C
 DIMENSIONS: 2HU x 19" x 250 MM.
 POWER REQUIREMENTS: 90/220 VAC. 0,1A
 WEIGHT: 3 Kg
 INDICATORS: MAIN DISPLAY, STATUS FOR EACH CHANNEL OF CARRIER,
 NO CARRIER, STEREO AND MUTE
 INPUT PORTS: FM ANT, AM ANT, AC IN
 OUTPUT PORTS: RDS, 16 x AUDIO, 8 x BUZZER
 MONITOR: INTERNAL LOUDSPEAKER (MONO) AND 1/4" JACK FOR STEREO
 HEADPHONES
 COMS : SERIAL PORT (REAR PANEL)

OCTOPUS

Octopus is a surveillance multireceiver for the AM and FM broadcast bands. It offers a great level of control of each emissions as well as the possibility to record the demodulated audio in any support.

It is equipped with a front display to program the whole working parameters of the system.

Also it is equipped with a serial port to offer the possibility to work with any PC.

In the front panel it can be found very quickly the complete status of each monitored carrier, the stereo pilot, mute...

It is equipped with a local monitor (loudspeakers and 1/4" jack for headphones) allowing the hearing of each demodulated audio.

Also has two antenna splitter (one for AM, one for FM) to have just two antenna ports as well as the 8 alarm buzzer outputs, one for each channel.

As an option it can be equipped with high quality transformer balanced audio outputs.

Specifications subject to change without notice

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