

# WAVENET

## RS-2000



### SPECIFICATIONS

#### RADIO

FREQUENCY RANGE: 174-500 MHZ, WINDOW OF 20 MHZ DEPENDING ON VERSIONS (A,B,C)  
SENSITIVITY: -112dBm / 12dB SINAD  
CHANNELS: 16, PLL DIGITAL.  
CH SELECTOR: 2 DIGIT DECIMAL ENCODER, DELAYED  
DEMODULATION: +/- 30 KHZ DE-EMPHASIS 50US (OTHER STANDARDS UPON REQUEST)  
INPUT IMPEDANCE: 50  $\Omega$   
SPURIOUS EMISSIONS: < -2NW  
RF INPUT CONNECTOR: TYPE N

#### AUDIO

AUDIO OUTPUT: LINE/600 OHM/ BALANCE.  
NR SYSTEM: "SILENZO" EXPANDER  
DSP: 32 BIT (OPTION)  
MONITOR CONTROL: FRONT PANEL  
AF BANDWIDTH: 50 HZ/15 KHZ +/- 0,5 dB  
DISTORSION: <0,3%  
AUDIO CONNECTOR: XLR3, M (REAR) JACK STEREO 1/4" (FRONT)  
SNR: >100 dB

#### INDICATORS

RSSI (90dB RANGE)  
VU-METER  
POWER ON/OFF  
2 DIGIT DECIMAL ENCODER DISPLAY  
DC AND AC INDICATION  
DSP ENABLE  
AUDIO PEAK

#### GENERALAND CONTROLS

ON/OFF SWITCH  
CHANNEL ENCODER CONTROL  
MONITOR VOLUME  
ALUMINIUM ENCLOSURE  
POWER: 90/220 VAC AND 12V DC / 0,25 A  
DIMENSIONS: 1HU 19" x 250 MM  
WEIGHT: 1,5 KG  
POWER CONNECTORS: POWERCOM FOR AC/XLR4 F FOR DC  
SUBD CONNECTOR FOR REPROGRAMMING.

### RS-2000

The base receiver RS-2000 has been designed to cover a lot of applications together with the following transmitters:

- BS-2000 mobile transmitter
- BS-3000 compact mobile transmitter
- STAR-42 full-duplex reporter unit.

Its innovative desing offers a high sensitivity receiver exhibiting and excellent behaviour against interferences coming from other radio equipment like in very RF contaminated sites like in repeaters stations and communications towers.

It is equipped with two audio outputs: in the rear panel XLR3 line audio level and in the front panel jack 1/4" headphones output.