

RS 6108 VHF BASE STATION FOR GROUND TO AIR COMMUNICATION

TECHNICAL PARAMETERS

GENERAL

POWER SUPPLY

220V / 50 Hz AC or 12 -14 V DC

POWER CONSUMPTION

reception - 20W max.

transmission - 50W max.

/ mains supply - 60VA max. /

NUMBER OF CHANNELS

up to 800

NON - VOLATILE MEMORY

for 10 channels

FREQUENCY RANGE

118 - 137.975 MHz

CHANNEL SPACING

25 kHz

FREQUENCY STABILITY

better than 30×10^{-6}

OPERATING TEMPERATURE

$-10 \div +50$ °C

DIMENSIONS

236 x 283 x 148 mm

WEIGHT

7.2 kg

RECEIVER

SENSITIVITY

2 μ V nominal / typ. 1 μ V / for 6 dB S + N
N

SELECTIVITY

ver. RS 6108 A 14 kHz / 6 dB

ver. RS 6108 B 7 kHz / 6 dB

AGC

5 μ V - 100 mV / 6 dB

AUDIO OUTPUT

1 W into 8 ohm

SQUELCH

adjustable 2 - 20 μ V

SPURIOUS RESPONSE

60 dB down / typ. 80 dB /

TRANSMITTER

OUTPUT POWER

7 - 9W

MODULATION A3E

85 +, compression, 10 + distortion

AUDIO INPUT

max. 4 mV - for dynamic microphone

UNDESIRED RADIATION

less than 25×10^{-6} W

