



Technical characteristics

General characteristics

Frequency range	118 MHz~137 MHz (108 MHz~156 MHz optional)
Channel spacing	25 kHz /8.33kHz
Preset channels	99
Type of Modulation	Amplitude modulation (A3E)
Antenna connector	BNC female
Power supply mode	AC 220 V $\pm$ 22 V, 50 Hz $\pm$ 5 Hz; DC 24 V $\pm$ 2.4 V
Operating temperature	-20 $^{\circ}$ C ~ +55 $^{\circ}$ C
Storage temperature	-30 $^{\circ}$ C ~ +70 $^{\circ}$ C
Relative humidity	95%, +40 $^{\circ}$ C $\pm$ 2 $^{\circ}$ C, non-condensing
Dimensions	111 mm $\times$ 130 mm $\times$ 468mm (handle included)
Weight	$\leq$ 6 kg

Receiver

Sensitivity	$\leq$ 1.5 μ V
Selectivity	6 dB: $\geq$ 7.5 kHz / 60 dB: $\leq$ 25 kHz
Receive dynamic rang	From -107dBm to +7dBm
Squelch	Electronic silencing with the adjustable scope of SINAD ranging 8 dB~15 dB
Image frequency rejection	>80 dB
Intermediate frequency rejection	$\geq$ 90 dB
Third-order intermodulation distortion	$\geq$ 70 dB
Oscillator re-radiation	$\leq$ -90 dBm
Desensitization rejection	$\geq$ 80 dB
AF response	350Hz to 2500Hz(8.33kHz) 300Hz to 3400Hz(25kHz) $\leq$ 3 dB
Audio distortion	<5% @ 90% Modulation depth
AF outputs	Line output: 0 dBm $\pm$ 1.5 dB nominal , -16 dBm-0 dBm, adjustable External loudspeaker: 8 Ω , 500 mW (internally settable) Built-in loudspeaker: 8 Ω , 500 mW (volume control on front panel)