

14 SPECIFICATIONS

• Frequency coverage :

VERSION	FREQUENCY COVERAGE
U.S.A., Europe, Australia	0.10000 ~ 1999.80000
Germany	13.95000 ~ 14.50000 28.00000 ~ 29.70000 144.00000 ~ 146.00000 430.00000 ~ 440.00000 1240.00000 ~ 1300.00000
France	0.10000 ~ 87.49999 108.00000 ~ 1999.800000

Unit : MHz

• Mode : USB, LSB, CW, FSK, AM, FM, Wide FM

• Receive system : Superheterodyne system

• Intermediate frequencies :

FREQUENCY	0.10000 ~ 29.99999	30.00000 ~ 499.99999	500.00000 ~ 999.99999
1st IF	48.79376 ~ 48.80000	778.60001 ~ 778.70000	278.60001 ~ 278.70000
2nd IF	10.70000	10.70000	10.70000
3rd IF	0.45500	0.45500	0.45500
4th IF	10.70000	10.70000	10.70000

Frequencies above 1000 MHz use a crystal conversion system.

Unit : MHz

• Sensitivity :

MODE	SSB, CW, FSK	AM	FM	Wide FM
0.10000 ~ 0.49999	0.5 μ V	3.2 μ V	—	—
0.50000 ~ 1.79999	1.0 μ V	6.3 μ V	—	—
1.80000 ~ 29.99999	0.16 μ V _{Typ.}	1.0 μ V _{Typ.}	—	—
30.00000 ~ 999.99999	0.32 μ V	1.4 μ V	0.5 μ V	1.4 μ V
1000.00000 ~ 1239.99999	0.63 μ V	4.0 μ V	1.0 μ V	4.0 μ V
1240.00000 ~ 1299.99999	0.32 μ V	2.0 μ V	0.5 μ V	2.0 μ V
1300.00000 ~ 1599.99999	0.63 μ V	4.0 μ V	1.0 μ V	4.0 μ V
1600.00000 ~ 1999.80000	1.0 μ V _{Typ.}	5.6 μ V _{Typ.}	1.4 μ V _{Typ.}	5.6 μ V _{Typ.}

10 dB S/N for SSB, CW, FSK and AM.

12 dB SINAD for FM and Wide-FM

Maximum sensitivity values are indicated in the chart above.

• Selectivity :

SSB, CW, FSK More than 2.4 kHz/−6 dB
AM More than 6 kHz/−6 dB
FM More than 15 kHz/−6 dB
Wide FM More than 150 kHz/−6 dB

• Audio output power :

More than 2.5 W at 10% distortion with an 8 Ω load

• Audio impedance :

4 ~ 8 Ω

• Power supply requirement :

100 ~ 120 V AC (U.S.A. version)
220 ~ 240 V AC (Australia, Europe and France versions)
220 V (German version)

• Antenna impedance :

50 Ω (unbalanced)

• Power consumption :

Less than 110 VA

• Usable temperature range :

−10°C ~ +50°C (+14°F ~ +122°F)

• Frequency stability :

0.1 ~ 30 MHz \pm 25 Hz
30 ~ 1999.8 MHz \pm 0.25 ppm
(0°C ~ +50°C; +32°F ~ +122°F)

• Dimensions :

424(W) x 150(H) x 365(D) mm 16.7(W) x 5.9(H) x 14.4(D) in
(projections not included)

• Weight :

20.0 kg (44.1 lb)

All stated specifications are subject to change without notice or obligation.