

SPECIFICATIONS

GENERAL

GENERAL		144MHz band	440/430MHz band
FREQUENCY RANGE (MHz)	U.S.A. Version	144 to 148	438 to 450
	U. K. and Europe	144 to 146	430 to 440
	Other market	144 to 148	430 to 440 or 438 to 450
MODE		F3E (FM)	
ANTENNA IMPEDANCE		50Ω	
OPERATING TEMPERATURE		-20°C to +60°C (-4°F to 140°F)	
POWER	DC IN (normal)	6.3V to 16 VDC (13.8 VDC)	
REQUIREMENTS	BATTERY PACK	6.3V to 16 VDC (7.2 VDC)	
CURRENT DRAIN		Approx.	Approx.
Transmit mode (13.8VDC)	H	1.4A	1.5A
Transmit mode (13.8VDC)	L	0.5A	0.6A
Transmit mode (13.8VDC)	EL	120 mA	150 mA
SIMPLEX			
Receive mode with no signal		60 mA	65 mA
SIMPLEX	Battery Save mode	10 mA	12 mA
DUPLEX			
Receive mode with no signal		110 mA	110 mA
DUPLEX	Battery Save mode	20 mA	20 mA
GROUND		Negative	
DIMENSION (WxHxD)		49.5x134x41 mm	
DIMENSION (Projection included)		61.4x149.5x41 mm	
WEIGHT (Transceiver only)		270g	
MICROPHONE IMPEDANCE		2kΩ	

TRANSMITTER

OUTPUT POWER	H (13.8VDC)	more than 5W	
	H (7.5VDC)	Approx. 2W	
	L	Approx. 0.5W	
	EL	Approx. 10W	Approx. 20W
MODULATION	Reactance		
MAX. FREQUENCY DEVIATION	± 5 kHz		
SPURIOUS RADIATION	less than -60 dB		

RECEIVER

CIRCUITRY	double conversion superheterodyne	
INTERMEDIATE FREQUENCY 1ST IF	45.05 MHz	58.525 MHz
INTERMEDIATE FREQUENCY 2ND IF	455 kHz	
SENSITIVITY (12 SINAD)	less than 0.16 μV (MAIN)	less than 0.18 μV (MAIN)
	0.32 μV (SUB)	0.32 μV (SUB)
SQUELCH SENSITIVITY	less than 0.16 μV	
SELECTIVITY -6dB	more than 12kHz	
SELECTIVITY -60B	less than 28 kHz	
AUDIO OUTPUT POWER (10% distortion)	More than 200 mW (across 8Ω load)	

- NOTES: 1. Circuit and ratings are subject to change without notice, due to development in technology.
2. Recommended duty cycle: 1 minute Transmission, 3 minutes Reception.

KENWOOD CORPORATION

14-6, Dogenzaka 1-chome, Shibuya-ku, Tokyo 150, Japan

KENWOOD SERVICE CORPORATION

P.O. BOX 22745, 2201 East Dominguez Street, Long Beach, CA 90801-5745, U.S.A.

KENWOOD ELECTRONICS LATIN AMERICA S.A.

P.O. BOX 55-2791 Piso 6 Plaza Chase Cl. 47 y Aquilino de la Guardia Panama, Republic of Panama

KENWOOD ELECTRONICS CANADA INC.

6070 Kestrel Road, Mississauga, Ontario, Canada L5T 1S8

KENWOOD ELECTRONICS DEUTSCHLAND GMBH

Rembrücker Str. 15, 63150 Heusenstamm, Germany

KENWOOD ELECTRONICS BENELUX N.V.

Mechelsesteenweg 418 B-1930 Zaventem, Belgium

KENWOOD ELECTRONICS FRANCE S.A.

13, Boulevard Ney, 75018 Paris, France

KENWOOD ELECTRONICS U.K. LIMITED

KENWOOD House, Dwight Road, Watford, Herts., WD1 8EB United Kingdom

KENWOOD ELECTRONICS NEDERLAND B.V.

Amsterdamseweg 35, 1422 AC Uithoorn, The Netherlands

KENWOOD ELECTRONICS ITALIA S.p.A.

Via G. Sirtori, 7/9 20129 Milano, Italy

KENWOOD IBERICA S.A.

Bolivia, 239-08020 Barcelona, Spain

KENWOOD ELECTRONICS AUSTRALIA PTY. LTD.

(A.C.N. 001 499 074)

P.O. Box 504, 8 Figtree Drive, Australia Centre, Homebush, N.S.W. 2140, Australia

KENWOOD & LEE ELECTRONICS, LTD.

Unit 3712-3724, Level 37, Tower one Metroplaza, 223 Hing Fong Road, Kwai Fong, N.T., Hong Kong