

VADER (SR21A-01A) SPECIFICATIONS

GENERAL

FREQUENCY RANGE	150-174MHz (AUTO TUNING)
FREQUENCY STEP	25KHz (12.5KHz:OPTION)
NUNBER OF GROUP	15 and 1PRIORITY
FREQUENCY STABILITY	±5ppm
OPERATION	SIMPLEX/SEMI DUPLEX
MODURATION	DIRECT FM
ANTENNA IMPEDANCE	50 ohm
TEMPERATURE RANGE	-30° C to +60° C
POWER REQUIREMENTS	AAx6pcs (9V) ALKALINE DRY CELL
BATTARY LIFE TIME	8h(1:1:8) AT 1W RF OUTPUT
WATERPROOF	IP64
MAIN PROGRAMMABLE ITEMS	TX RX FREQUENCY SCANING ON/OFF ID CODE TIME-OUT TIMER (TOT) SCRAMBLE ON/OFF
PROGRAMMING INTERFACE	RS-232C
PROGRAMMING SOFTWEAR	HYPER TERMINAL ORIGINAL SOFTWARE FOR WINDOW\$
DIMENSIONS	170Hx70Wx43D(mm) without antenna
WEIGHT	APPROX. 520g with battery
RADIO REGULATORY DIVISION	FCC PART 15, PART 90

RECEIVER

SENSITIVITY	-117dBm for 12dB SINAD
RSSI SENSIVITY	-110dBm
SELECTIVITY	Better than 60dB
SPRIOUS RESPONSE	Better than 60dB
IMAGE REJECTION	Better than 60dB
INTERMODULATION	Better than 60dB
S/N	Better than 40dB
SCANNING SPEED	APPROX 30CH/Sec
VOX DELAY	0.5Sec
1st IF FREQUENCY	21.7MHz
2nd IF FREQUENCY	455KHz

TRANSMITTER

RF OUTPUT POWER	100mW/1W
SPRIOUS EMISSIONS	Better than -60dBc
MAXIMAM DEVIATION	± 5 KHz
MICROPHONE	BONE CONDUCTION TYPE
FM NOISE	Better than 40dB

FCC