

X Radio

XV-100A/XU-100A

Compact VHF/UHF FM Portable Radios

2Watts for long range, 128 Channel in 16Groups
Smallest and lightest in it's performance range
1800mAH Li-Ion Battery standard
Meets FCC
Mil-Spec shock and vibration
Companer built in
156 Privacy codes available



www.xradio.co.kr

XR-Series 2Watt 128 Channel portables with 1800mAH Li-Ion Battery. The smallest most feature rich "price leader" radio has ever sold!

YeonInu M Tech Co., Ltd.

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Rugged Mics...
A whole new lin-up of accessories for our own units as well as for Motorola, Kenwood, and Vertex...

X Radio

XV-100A/XU-100A

Compact VHF/UHF FM Portable Radios

General Specifications

Standard equipment includes 1800mAh Li-Ion battery, Antenna, Rapid Charger and Belt clip

Approvals	FCC
Dimensions	Only 98mm(H)×49mm(W)×25.5mm(D)
Weight	Only 150g including 1800mAh Battery
UHF Frequency range	400-470 MHz
VHF Frequency range	140-174MHz
Channels	128 Channels in 16 groups
Antennas Impedance	50 Ohms
Coverage(open space)	Up to 4mile



Receiver :	XV-100A(VHF)	XU-100A(UHF)
Sensitivity	12dB SINAD:0.25uV	12dB SINAD:0.25uV
Spurious Response	Better than:70dB	Better than:70dB
Audio Output Power	1 Watt @ 8 Ohms	1 Watt @ 8 Ohms
Channel Spread	Pending	20 Mhz without tuning
Battery Drain	Stand by:45mA	Stand by:45mA
Transmitter :	XV-100A(VHF)	XU-100A(UHF)
RF power	2 Watts	2 Watts
Hum & Noise	40 dB	40 dB
Modulation dist. @ 1 KHz	3% Max @ 1000Hz	3% Max @ 1000Hz
Channel Spread	Pending	20 Mhz without tuning
Nominal Battery Drain	1.4 Amps at 2 Watts	1.4 Amps at 2 Watts



Longlife PTT Knob



Top of the RADIO



Wall Mountable Belt Clip



Easy Removable Belt clip

Standard	MIL 810 C		MIL 810 D		MIL 810 E		MIL 810 F	
	Method	Procedure	Method	Procedure	Method	Procedure	Method	Procedure
Low Pressure	500.1	I	500.2	I II	500.3	I II	500.4	I II
High Temperature	501.1	I	501.2	I II	501.3	I II	501.4	I II
Low Temperature	502.1	I	502.2	I II	502.3	I II	502.4	I II
Temperature Shock	503.1	I	503.2	I	503.3	I	503.4	I
Solar Radiation	505.1	I	505.2	I	505.3	I	505.4	I
Vibration	514.2	VIII X	514.3	I	514.4	I	514.5	I
Humidity	507.1	I II	507.2	II III	507.3	II III	507.4	-
Vibration	514.2	VIII X	514.3	I	514.4	I	514.5	I
Shock	516.2	I II V	516.3	I IV	516.4	I IV	516.5	I IV

Environmentals	
Paramater	Specification
Operating Temperature	-30 C to + 60 C
Storage Temperature	-55 C to + 85 C
Humidity	95% RH @ 8 Hr
ESD	IEC 801-2 KV



DC-100



XSB-1800

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