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
Compander 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!

X Radio

(196-33 Anyang-Dong) 36, Jeonpa-ro 44beon-gil, Manan-gu, Anyang-si, Gyeonggi-do, Korea 430-857 Tel#: 82-70-7436-3296 Fax#: 82-31-444-7271 Mobile#: 82-10-2017-8603 Email: sales1@xradio.co.kr

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



XV-100A/XU-100A

Compact VHF/UHF FM Portable Radios

Gerneral Specifications

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

Approvals FCC

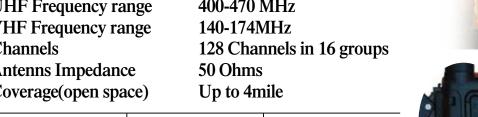
Dimensions Only $98mm(H)\times49mm(W)\times25.5mm(D)$

Weight Only 150g including 1800mAH Battery

UHF Frequency range 400-470 MHz VHF Frequency range 140-174MHz

Channels

Antenns Impedance 50 Ohms Coverage(open space)



Receiver	
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Sensitivity Spurious Response Audio Output Power Channel Spread Battery Drain

Transmitter:

Modulation dist. @ 1 KHz

Nominal Battery Drain

RF power

Hum & Noise

Channel Spread

XV-100A(VHF)

12dB SINAD:0.25uV Better than:70dB 1 Watt @ 8 Ohms Pending Stand by:45mA

XV-100A(VHF)

3% Max @ 1000Hz

1.4 Amps at 2 Watts

2 Watts

Panding

40 dB

XU-100A(UHF)

12dB SINAD:0.25uV Better than:70dB 1 Watt @ 8 Ohms 20 Mhz wihtout tuning Stand by:45mA

XU-100A(UHF)

3% Max @ 1000Hz 20 Mhz wihtout tuning

1.4 Amps at 2 Watts

2 Watts



Longlife PTT Knob



Wall Mountable Belt Clip



Top of the RADIO



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	- 1	500.2	111	500.3	111	500.4	111
High Temperature	501.1	- 1	501.2	111	501.3	111	501.4	111
Low Temperature	502.1	- 1	502.2	111	502.3	111	502.4	111
Temperature Shock	503.1	- 1	503.2	- 1	503.3	- 1	503.4	ı
Solar Radiation	505.1	- 1	505.2	- 1	505.3	- 1	505.4	- 1
Vibration	514.2	VIII X	514.3	- 1	514.4	- 1	514.5	- 1
Humidity	507.1	111	507.2	11 111	507.3	11 111	507.4	-
Vibration	514.2	VIII X	514.3	ı	514.4	- 1	514.5	ı
Shock	516.2	HIV	516.3	HV	516.4	LIV	516.5	HV

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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