

AnyTone®

UVA1 Dual-Band Handheld Radio



Main Functions:

- Working mode:UU, VV, VU,UV
- 5W output power
- 640 channels
- 1.77 inch color TFT screen
- 2TONE/5TONE/CTCSS/DCS
- FM Radio • Jacklight
- VOX Function • Emergency Alarm
- The Battery Type C JACK (Vehicle Cigarette Lighter of 5V Input for Charging)
- Scrambler • Compander
- GPS with Analog APRS Location Reporting(optional)

5W
Power

640
channels


CTCSS
DCS


VOX


FM Rado


Type C


Jacklight

Specification

GENERAL	
Frequency Range	VHF:144-148MHz (136-174MHz Optional) UHF:430-440MHz (400-520MHz Optional)
Channel Capacity	640 channels
Channel Spacing	12.5KHz (Narrow Band) 25KHz (Wide Band)
Phase-locked Step	5KHz, 6.25KHz
Operating Voltage	7.4V DC $\pm$ 20%
Squelch	Carrier/CTCSS/DCS/5Tone/2Tone
Frequency Stability	$\pm$ 1.5ppm
Operating Temperature	-20°C~ +55°C
Dimensions(WxHxD)	123×58×33mm (with 1800mAh battery)
Weight	220g(with 1800mAh battery)
RECEIVER	
Sensitivity(12dB Sinad)	$\leq$ 0.25 μ V (Wide Band) $\leq$ 0.35 μ V (Narrow Band)
Adjacent Channel Selectivity	$\geq$ 65dB (Wide Band) $\geq$ 60dB (Narrow Band)
Intermodulation	$\geq$ 55dB (Wide Band) $\geq$ 55dB (Narrow Band)
Spurious Rejection	$\geq$ 65dB (Wide Band) $\geq$ 60dB (Narrow Band)
Audio Response	+1~-3dB(0.3~3KHz) (Wide Band) +1~-3dB(0.3~2.55KHz) (Narrow Band)
Hum & Noise	$\geq$ 45dB (Wide Band) $\geq$ 40dB (Narrow Band)
Audio distortion	$\leq$ 5%
Audio power output	1000mW/10%
TRANSMITTER	
Power Output	5W/2.5W/0.5W
Modulation	16K Φ F3E (Wide Band) 11K Φ F3E (Narrow Band)
Adjacent Channel Power	$\geq$ 65dB (Wide Band) $\geq$ 60dB (Narrow Band)
Hum & Noise	$\geq$ 40dB (Wide Band) $\geq$ 36dB (Narrow Band)
Spurious Emission	$\leq$ -60dBc
Audio Response	+1~-3dB(0.3~3KHz) (Wide Band) +1~-3dB(0.3~2.55KHz) (Narrow Band)
Audio Distortion	$\leq$ 5%

NOTE: Specifications are subject to change without notice due to advancements in technology.

Supplied Accessories



18cm Antenna



Li-Ion Battery
(1800mAh)



AC Adaptor
(5V/2A)



TYPE A to C Cable



Charger

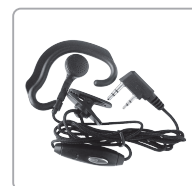


Belt Clip

Optional Accessories



Hand Strap



Earpiece



Car adaptor



12cm Antenna



38cm Antenna