

## UV37

UHF/VHF/AM/FM Multi-Band Portable Transceivers

### Multi-Function Multi-Bander with Color Display



The HAM® UV37 is a UHF/VHF/AM/FM Multi-Band Portable Transceivers with a 1.44" color display, Rugged, Compact Dual Bander with Simple Operation and Great Performance, 5W RF Output in 144 and 430 MHz, V/V,U/U,V/U Dual-watch Including DV/DV Mode, VHF/UHF Airband and FM Broadcast Receiver, FM/AM Broadcast Receiver, with 1000mW Loud and Intelligible Audio, SOS Button on Top Panel to Quick Access to Calling Channel, IP54 Dust-tight and Waterproof.

#### MAIN FUNCTION:

- Color display & UI, Multilingual
- Private call, scrambling can realize advanced private call
- Shake dizzy, Shake fraud, Shake up
- Smart frequency breaking, OTA replication frequency
- Can edit independent identity ID and personalized name
- Each channel has an editable name, which makes it easier to call contacts & groups
- Each A/B has 256 channels, maximum of 512 channels of stored
- DTMF、2 Tone、5 Tone、Cross frequency span
- MDC1200 and other call end tones
- Support Type-C boost charger, desktop charger, six-unit charger, vehicle charger.
- QR code manual, software, firmware and other files.
- Reception of the NOAA weather channel, real-time weather warning and Safe travel.
- Multiple function to meet the requirements of amateurs.

## GENERAL

Model Number	UV37 (A36P)
Frequency Coverage	TX: 136-174, 220-260,390-470,470-520MHz* RX: 136-174, 220-260, 350-390, 390-470,470-520MHz FM broadcast: 65-108 MHz AM broadcast: 108-136MHz
Number of channels	256 channels
Type of emission	F2D, F3E (FM)
Frequency stability	±2.5 ppm (-20°C to +60°C on the basis of 25°C )
Power supply requirement	7.2 V DC nominal
Current drain (approximate)	Tx High Less than 1.7 A Rx Max. audio Less than 600 mA
Antenna impedance	50 Ω (SMA)
Operating temperature range	-20°C to +60°C
Dimensions (H×W×D)	108x52x28 mm (with TBL21)
Weight (approximate)	210 g (with TBL21 and antenna)

## TRANSMITTER

Output power	5 W, 2.5 W, 0.5 W
Max. frequency deviation	±5.0 kHz/±2.5 kHz (W/N)
Spurious emissions	Less than -60 dBc (High, Mid), Less than -13 dBm (Low)
Ext. microphone connector	3-conductor 2.5 (d) mm (1/10")/2.2 kΩ

## RECEIVER

Receiver sensitivity	Less than 0.18 μV (at 12 dB SINAD)
Squelch sensitivity	Less than 0.18 μV (at squelch threshold)
Adjacent channel selectivity	More than 55 dB (FM, 25 kHz) More than 50 dB (FM Narrow, 12.5 kHz)
Spurious response	More than 60 dB
Audio output power (at 5% distortion, 8 Ω load)	Internal SP 1000 mW (typical) External SP 450 mW (typical)
Ext. speaker connector	K-Type /16 Ω

\* Specifications subject to change without notice.



## Our company

Talkpod is the first corporation focus on digital radios in China, whose mission is to supply our customers a quality instant connection to stay productive by the latest digital wireless communication and audio technologies. All our products are reliable and optimum performance, which are developed in close co-operation with our customers.

## Our service

Strict quality control system from raw material to the end product inspection  
On-time delivery within promised days  
Excellent after-sales service



**Talkpod**

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