

**CIGNUS Radio**

# UVR-10pro



 **≥5 watts**  
RF power

 **2800mAh**  
Battery Capacity

 **200**  
Channels

*Available In:*



**Dualband**  
**VHF & UHF**  
(136-174Mhz & 400-470MHz)



## PRO IN THE MAKING

### MAIN FEATURES

- DTMF CALLING CHANNELS QUICK ASSIGNMENT
- WIDE/MID/NARROW BANDWIDTH SELECTABLE
- 200 CHANNELS
- DUAL BAND, DUAL WAIT, DUAL STANDBY
- BUSY CHANNEL LOCK
- SCAN: FREQUENCY AND CTCSS SCAN
- TOT
- MAN DOWN
- REMOTE STUN/KILL/ACTIVATE
- VOX
- BATTERY SAVING
- SCRAMBLER
- DTMF
- COMP
- 1750HZ TONE
- 2 TONE/5 TONE
- CTCSS/DCS

# PRODUCT SPECIFICATION:

## General

Channel storage: 200

Voltage: 7.4VDC

Working Temperature:  $-10^{\circ}\text{C} \sim +50^{\circ}\text{C}$

weight: 295g ( includes antenna and battery )

Dimension: 126x62x43mm

## Receiver

Frequency: 136.000–174.000MHz,400.000–470.000MHz

Sensitivity :  $\leq 0.2\mu\text{V}$

Occupied Bandwidth :  $\leq 16\text{KHz}$

Selectivity :  $\geq 65\text{dB}$

Intermediation:  $\geq 55\text{dB}$

Audio power :  $> 500\text{mW}$

Audio distortion :  $\leq 10\%$

Frequency Stability: 5ppm

Current: standby: 60mA working:250mA

Audio response ( 300–3400Hz ) :  $+7\sim-12.5\text{dB}$

## Transmitter

Frequency: 136.000–174.000MHz,400.000–470.000MHz

Power:  $5\text{W} \geq$

Modulation Type: FM

Spurious Power:  $\leq -15\text{db}$

Modulation Noise:  $< -40\text{dB}$

Modulation Distortion :  $< 5\%$

Frequency Stability: 5ppm

Max Fr. Deviation:  $\leq \pm 5\text{KHz}$

Current:  $\leq 1600\text{mA}$

Audio response ( 300–3400Hz ) :  $+6.5\sim-14\text{dB}$



## SPECIAL FEATURES

**DUALBAND / DUAL WAIT /  
DUAL STANDBY**

**ACTIVE NOISE  
CANCELLATION**

**IP68  
WATER PROOF**

**MULTI-WAY CHARGER:  
DESKTOP AND USB TYPE C**

**PTT ID CODE**

**SCRAMBLER  
FUNCTION**