



OK-868

# OK-868

## PROFESSIONAL RADIO

**NEW**

- **Compact and Efficient:** Even though the shape is compact and comfortable, it includes all the features and qualities of a professional radio.
- **16 Channels of Memory:** 16 channels, which are easy to switch and set with a knob control.
- **Power Output:** Modified 5W power output that can be adjusted depending on the application or the necessities.
- **UHF or VHF Operating Frequencies:** Great availability of frequencies between 136-174MHz for VHF and 400-470MHz for UHF
- **Comfortable Dimensions:** Great and convenient shape of 50 x 110 x 32 mm.
- **Reliable Battery:** Rechargeable Li-ion battery with a capacity of 2000mAh ensuring 10 hours of operation.
- **Quick charger 3hrs:** Battery charger included into the package, recharges the battery in less than three hours.
- **800mW Power Audio Sound:** High quality speaker with enough power to fulfill all of the necessities.
- **Encoders and decoders DCTSS / DSC (50 codes):** Both functionalities are included in the system overpassing all challenges presented by different circumstances.
- **PC Programmable Frequency:** Easy and fast to program using a serial port from any computer
- **Automatic PTT (VOX):** It includes from factory, an automatic transmission mode activated by voice PTT (VOX).
- **Alerts:** Numerous alerts such as functions, call alarm and other emergency alerts.
- **Package includes:** Radio, antenna, 7.4 VDC @2000 mAh battery pack, AC adapter, Battery charger, and belt clip.
- **Other Features:** Channel scanning and busy channel lock, limit talk time, Information audio selection switching (English - U.S.), FM Radio, and numerous more.

VHF/UHF PROFESSIONAL  
FM TRANSCEIVER

# OK-868 RADIO

FM radio, Receiving alarm call,  
Compatible with Li-ion and Ni-MH battery  
Battery Save, VOX, CTSS, DCS  
Reporting Number Command of English and  
Chinese Function Humanism design

## OK-868 SPECIFICATIONS

GENERAL	
Frequency Range	
OK-868V	136Mhz-174Mhz
OK-868U	400Mhz - 470Mhz
Numbers of Channels	16
Channel spacing	12.5Khz/25Khz
PLL Channel Step	10hz
Stability	>5ppm
Antenna Impedance	50Ohms
Temperature Range	-30°C ~ 70°C (-22°F ~ 158°F)
Power Supply	7.2Vdc
Dimensions	110(H)x50(w)x32(D) [mm]
Weight	210Gr with battery
TRANSMITTER	
Output Power	<5W
Max frequency deviation	2.5Khz/5Khz
Spurious emissions	60dB (Typ)
Adjacent Channel Power	55dB (Typ)
FM HUM and Noise	40dB (Typ)
Audio harmonic distortion	< 5%
External Microphone connector	3 conductor 3.5mm
RECEIVER	
Receiver architecture	Single conversion DSP
Analog Sensibility	.25uV (12dB Sinad)
Adjacent channel selectivity	60dB (Typ)
Spurious response	60dB (Typ)
Hum and Noise ratio	42dB
Audio Power	800mW
External speaker connector	2.5mm 3 conductor
external speaker impedance	4 to 16 Ohms
Audio distortion	<5%

## ACCESSORIES



**EP-0201**  
EARPHONE MICROPHONE



**EP-0203**  
EARHOOK WITH MICROPHONE



**HM-100**  
MICROPHONE-EARPHONE  
WITH REVOLVING CLIP



**EP-BH02**  
BELT CLIP



**EP-BP20**  
LI-ION 2000 mA - DC 7.4V



**EP-BC-02**  
DESKTOP CHARGER



**EP-AC02**  
AC ADAPTOR 100/240Vac  
8vdc 800mA



**EP-FAC02**  
UHF 400 - 470Mhz FLEX ANTENA