

# WIRELESS SYSTEMS

## IEM250

### WIRELESS IN-EAR MONITORING SYSTEM



**INCLUDES:** 1 X RC250 BODYPACK, 1 X ISOLATED EARPHONES, 3 X EARPHONE GROMMET SETS, 1 X HEAVY DUTY METAL CASE, 1 X POWER ADAPTOR. ADD USERS TO YOUR IEM250 SYSTEM BY PURCHASING ADDITIONAL RC250 PACKS.

**FEATURES:** 100M\* OPERATING RANGE, 5 HOUR BATTERY LIFE, 160 SELECTABLE CHANNELS, LCD DISPLAY FUNCTION.  
\*ACTUAL RANGE MAY VARY DEPENDING ON RF SIGNAL ABSORPTION AND INTERFERENCE.

#### SYSTEM

**FREQUENCY RANGE:**  
600-865MHz (DEPENDENT  
ON YOUR COUNTRY OR AREA)

**AF OUTPUT LEVEL:** 10dBm

**OPERATING RANGE:**  
100M (UNDER TYPICAL CONDITIONS)  
NOTE: ACTUAL RANGE DEPENDS ON  
RF SIGNAL ABSORPTION, REFLECTION  
AND INTERFERENCE.

**AUDIO FREQ. RESPONSE:**  
60HZ-16KHZ ( $\pm 3$ dB)

**TOTAL HARMONIC DISTORTION:**  
<1%

**DYNAMIC RANGE:** >90dB

#### TRANSMITTER

**MAX AUDIO INPUT LEVEL:** +6dBV

**GAIN ADJUSTMENT LEVEL:** 40dB

**INPUT IMPEDANCE:**  
100K ohm

**POWER REQUIREMENTS:**  
12-18V DC AT 300mA -  
SUPPLIED BY EXTERNAL  
POWER SUPPLY (INCLUDED).

**WEIGHT:** 605g

**DIMENSIONS:** 3.8 X 21.2 X 9.6 (CM)

#### RC250 BODYPACK

**AUDIO OUTPUT LEVEL:** 100mW

**RF SENSITIVITY:** -94dBm FOR  
30DB SINAD

**TYPICAL IMAGE  
REJECTION:** >55dB

**POWER REQUIREMENTS:**  
2 X AA BATTERIES (INCLUDED)

**BATTERY LIFE:** 5 HOURS

**WEIGHT:** 100G WITHOUT BATTERIES

**DIMENSIONS:** 9.5 X 6.5 X 2.5 (CM)