

SPECIFICATION FOR CLIP-ON CODELESS MICROPHONE**(A) OVERALL SYSTEM SPECIFICATIONS**

1. RF Carrier Frequency Range : VHF
2. Frequency Stability : ± 32.5 ppm, ± 5.5 kHz (Complies with FCC regulations)
3. Working Range (average conditions) : 600 feet (182.8 m) at 50 mW
4. Modulation : ± 15 kHz deviation compressor-expander system with pre-and de-emphasis
5. Total Harmonic Distortion : (ref. ± 15 kHz deviation, 1 kHz modulation) 0.4% typical, 0.7% maximum
6. Dynamic Range : > 102 dB A-weighted
7. Audio Frequency Response : 80 to 15,000 Hz, ± 2 dB

1.00) TRANCEIVER SPECIFICATIONS (Dual Mode)

1. Mode : Dual Mode
2. RF Sensitivity : 0.45 μ V for 12 dB SINAD
3. Image Rejection : 90 dB typical
4. Spurious Rejection : 80 dB typical
5. Ultimate Quieting : (reference 15 kHz deviation) > 94 dB A-weighted
6. Squelch Quieting : (reference 15 kHz deviation) > 94 dB A-weighted
7. Squelch Threshold : 2.0 μ V preset, adjustable from 2.0 to 50 μ V Output -2 dBV, 1 k Ω
 - a. output impedance, unbalanced; -18 dBV, 150 Ω out-put impedance
8. Construction of Antenna : Antenna Plastic sheathed stainless steel
9. Power Requirements : 12.5 to 18 VDC (negative ground), 200 mA; 230 VAC/50 Hz

2.00) BODY-PACK TRANSMITTER SPECIFICATIONS (Clip-ON)

1. Modulation: FM (40K0F3E, FCC Part 90, FCC Part 74) ± 15 kHz deviation, 62 μ sec pre-emphasis
2. Audio Gain Adjustment Range: 40 dB Input Impedance, Actual: 17 k Ω , pin 4 wired to pin 3 for WL93 or other wireless con-denser microphone; 100 k Ω , pin 4 open for dynamic microphone or instrument pickup
3. Power Requirements: 9 v
4. Battery Life: 7 hours minimum

3.00) HAND HELD MIC SPECIFICATIONS

1. Modulation : FM (60K0F3E) ± 15 kHz deviation, 62 μ s pre-emphasis Modulation Limiter Internal compressor
2. Audio Polarity : Positive pressure on microphone diaphragm produces positive voltage
3. Audio Gain Adjustment Range: 15 dB (2-position switch); additional -6 dB internal pad
4. Power Requirements : 9 vol
5. Battery Life: 7 hours minimum

(B) Important

1. Item shall be new and reputed in brand name and shall comply with professional indoor PA Applications.
2. Supplier shall provide proven supply records for the offered brand/model at minimum of 05 locations-which have been functioning successfully for more than three (03) years ,in Sri Lanka.
3. Shall include all other necessary accessories to support the general functions of the Codeless Microphone system.
4. All items shall compatible to each other to optimized performance.

(C)System Warranty : 01 Year (for all above system components)

(D)Quantity List

Cordless Microphone System :01 No

Shall Include

Clip-on mic :01No

Hand-held mike :01No

Transceiver Unit/Dual Mode :01No