Thank you for purchasing this wireless microphone system. This microphone system operates on high-efficiency, low-consumption discharging techniques. Performance features include independent developed mobile frequency compression, expander circuitry, image frequency limiting circuits, multiple-checked silent and noise-free circuits, antenna diversity receiving circuit & switch impact noise defeat circuits.

The PDWM2135/2140/2145 were manufactured to be easy to use and still give you professional performance quality.

# Simple Installation and Operation:

- \*Please note select models come equipped with different transmitters and microphones
- •Unscrew the bottom of the microphone (or slide open the battery compartment tray of the belt-pack transmitter) to install two 'AA' Batteries. Screw the Battery cap back on.
- •Plug your receiving unit into your mixer or amplifier with a 1/4" mono microphone cord.
- •Plug the receiving unit into your electrical wall outlet.
- •Turn the receiver on by using the on/off switch located at the front of the unit.
- •There is a switch located on each of the two microphones that turns each microphone on/off & mutes them individually.

### PDWM2135

VHF Narrow Band Receiver System Dual Frequency Design (Channel A/B) High Signal/Noise Ratio Performance Broad Frequency Response Range & Low Distortion

Independent Adjustable Volume Control **Dual Independent Channel Antennas** RF Signal and AF Signal LED Indicators Radio Frequency and Audio Frequency Includes (2) Handheld Microphones

### System Receiver:

Channel Frequency: 174~216MHz Sensitivity: -95dBm (S/N:12dB) RF Image Rejection:-75dB Audio Dynamic Range: 95dB T.H.D.: <1%

Frequency Stability: ±0.002%

S/N Ratio: >70dB

Neighboring Channel / Interference: >70dB Frequency Response: 50Hz~15KHz ±3dB

Power: AC 120V, 60Hz

Receiver Dimensions (L x W x H):

8.07" x 5.75" x 1.64"

# Microphones:

Carrier Frequency: 174~216MHz RF Power Output: >13dBm Modulation Degree: >30KHz Power Current: <110mA Frequency Stability: ±0.002% Harmonic at Higher Degree: <60dB Modulation Pattern: FM Battery Powered:

Requires 2 x 'AA' Batteries

# PDWM2140

VHF Narrow Band Receiver System Dual Frequency Design (Channel A/B) High Signal/Noise Ratio Performance Broad Frequency Response Range & Low Independent Adjustable Volume Control **Dual Independent Channel Antennas** RF Signal and AF Signal LED Indicators

Radio Frequency and Audio Frequency

Transmitter, Lavalier & Headset Mics

Includes Handheld Microphone, Body-Pack

System Receiver: Channel Frequency: 174~216MHz Sensitivity: -95dBm (S/N:12dB) RF Image Rejection:-75dB Audio Dynamic Range: 95dB T.H.D.: <1% Frequency Stability: ±0.002% S/N Ratio: >70dB Neighboring Channel / Interference: >70dB Frequency Response: 50Hz~15KHz ±3dB

Power: AC 120V, 60Hz Receiver Dimensions (L x W x H): 8.07" x 5.75" x 1.64"

### Transmitters:

Carrier Frequency: 174~216MHz RF Power Output: >13dBm Modulation Degree: >30KHz Power Current: <110mA Frequency Stability: ±0.002% Harmonic at Higher Degree: <60dB Modulation Pattern: FM Battery Powered: Requires 2 x 'AA' Batteries

### PDWM2145

Dual Frequency Design (Channel A/B) High Signal/Noise Ratio Performance Broad Frequency Response Range & Low Independent Adjustable Volume Control **Dual Independent Channel Antennas** RF Signal and AF Signal LED Indicators Radio Frequency and Audio Frequency

Includes (2) Body-Pack Transmitter.

Channel Frequency: 174~216MHz

(2) Lavalier & (2) Headset Mics

VHF Narrow Band Receiver System

# System Receiver:

Sensitivity: -95dBm (S/N:12dB) RF Image Rejection:-75dB Audio Dynamic Range: 95dB T.H.D.: <1% Frequency Stability: ±0.002% S/N Ratio: >70dB Neighboring Channel / Interference: >70dB Frequency Response: 50Hz~15KHz ±3dB Power: AC 120V, 60Hz Receiver Dimensions (L x W x H): 8.07" x 5.75" x 1.64'

### Transmitters:

Carrier Frequency:174~216MHz RF Power Output: >13dBm Modulation Degree: >30KHz Power Current: <110mA Frequency Stability: ±0.002% Harmonic at Higher Degree: <60dB Modulation Pattern: FM Battery Powered: Requires 2 x 'AA' Batteries





**PDWM2135** 

**PDWM2140** 

PDWM2145

**VHF Wireless Microphone Systems**