WM-1000 Wireless Microphone

- NO FCC LICENSE REQUIRED
- UP TO 1000' RANGE*
- 902-928MHZ SPREAD SPECTRUM
- EXTENDS MIC RANGE EQUAL TO MOBILE
- WB-1000 INCLUDED
- 30 HOUR BATTERY LIFE

- Optional 128 bit AES Encryption
- Compatible with LTR™, Conventional™, NEXEDGE™, IDAS™, and P25™
- Pyramid Smart Trunking II™
- Caller ID with user Alias
- Integrated control of NEXEDGE mobile radios
- Large Graphic Display for Battery Status, Signal Strength and Caller ID
- Integrated Flashlight

WM-1000 Wireless Microphone

The WM-1000 is a state of the art spread spectrum unlicensed radio system that provides extended coverage for mobile radio users. This portable radio system integrates with your existing mobile radio to give users handheld coverage when outside of their vehicle. With no license required, the WM-1000 offers easy implementation when compared to traditional SVR vehicular repeater systems.

Pyramid's patented ***Smart Trunking II***™ access gives portable radio users feedback of the handshake status of their tethered mobile radio to system call status. This ensures that the portable user has complete visibility of the trunking status to the main radio system. High speed data signaling between the WM-1000 and the WB-1000 negotiate the trunking access regardless of trunking format, EDAC'S™, LTR™, P25™, Nexedge™, and IDAS™. When channel access is granted the WM-1000 user will hear a go ahead tone, acknowledging channel access.

The WM-1000 System can be configured to operate in several modes, allowing seamless group communications with dispatch from one or more WM-1000 handheld units or private communicaitons between dispatch and one WM-1000. If you work together with other users on a regular basis, and multiple WM-1000 handheld units are paired on the same channel and address, the system will operate in group mode. This allows handheld users to communicate with each other on a common channel. The WB-1000 base units *ESPII*™ structure works to establish one priority vehicle on the scene to handle traffic to and from the dispatch channel.

Cradle/Docking Station Features:

The WB-1000 is a dedicated base and charger that interfaces seamlessly to most popular mobile radios. When the WM-1000 transmits, the WB-1000 receives the transmission and in real time keys the Mobile Radio, retransmitting the conversation back to dispatch. When the mobile receives a transmission, the WB-1000 base retransmits back to the WM-1000, extending the range of the wireless microphone equal to your mobile two way radio.

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Since 1990

*1000' range based on outdoor line of site use with adequate mobile antenna separation.

WM-1000 Wireless Microphone

The WM-1000 has two modes of operation;

- Single Paired Mode
- Group Paired Mode

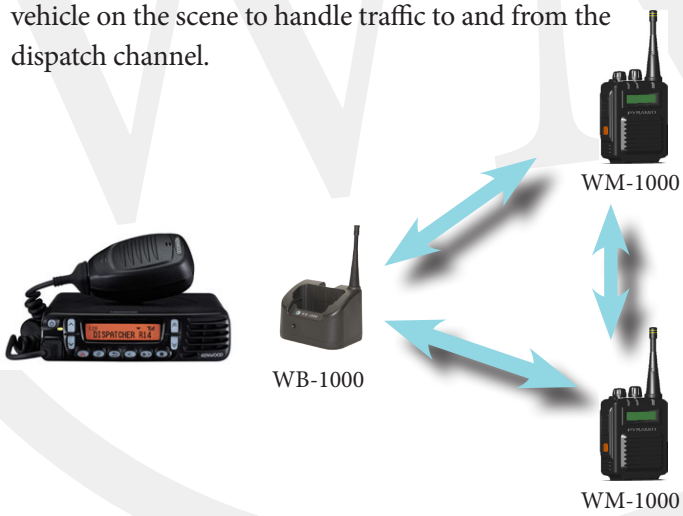
Single Paired Mode Operation

When the WM-1000 is linked to a dedicated mobile radio the WM-1000 emulates the mobile microphone. The WM-1000 can only communicate with it's paired WB-1000 base on a unique channel and/or address.

WB-1000 WM-1000

Group Paired Mode Operation

The WM-1000 can be configured to work in group mode, where all of the handheld users can communicate with each other on a common channel using a shared channel address. The WB-1000 base units ESPII™ structure works to establish one priority vehicle on the scene to handle traffic to and from the dispatch channel.



WM-1000

WB-1000

WM-1000

TECHNICAL SPECIFICATIONS

Physical:
Handheld Size: 4.3" x 2.6" x 1.5"
Handheld Weight: 6 oz.
Base Size 3.8 " x 2.75" x 2.75"
Base Weight: 5 oz.
ABS Plastic Construction

Handheld Power and Audio:
3.7V Lithium Polymer Battery
30 Hours Talk Time / 40 hours Standby
1.6 Watt Internal Speaker
3.5mm Headphone Connection

Receiver:
4 Programmable Channels
6500 Unique Channel Addreses
Frequency Range: 902-928MHz
Protocol: FHSS Technology

Transmitter:
4 Programmable Channels
6500 Unique Channel Addreses
Frequency Range: 902-928Mhz
Protocol: FHSS Technology
Transmit Power: +13.5dBm

COMPATIBLE TECHNOLOGIES

EDAC's™ LTR™ Passport™ DMR™ Nexedge™ IDAS™ Analog

Made in USA

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