WIRELESS MICROPHONES
UHF up to 80 channels

Wireless microphone system in UHF band, with diversity, selection of frequencies and remotely configurable from the receiver.

- Frequency band: 823 ~ 832 MHz and 863 ~ 865 MHz.
- 8 groups of up to 15 channels.
- There are in total 80 channels to choose from.
- 2 MHz bandwidth.
- REMOSET U ultrasonic pairing for synchronized setting of all parameters.
- Channel scan.
- Adjustable receiving sensitivity.
- Digital volume control.
- Automatic microphone power off.
- Display on transmitters and receivers.
- No interference with mobile telephony.
- Up to 15 simultaneous microphones.
- Receptors of 1 and 2 channels with diversity.
- Hand-held, lavalier, stage, aerobic and desk microphones

The REMOSET ULTRASONIC function (REMOSET U) allows to synchronize the transmitter and the receiver unit in a most convenient manner. All setting are made on the receiver and then transferred to the transmitter (the wireless microphone) via an ultrasonic signal.
UHF up to 80 channels

Handheld microphone

**MI-MMU16**

Wireless handheld microphone with cardioid polar diagram, with possibility of setting from the equipment itself: frequency, group, channel, sensitivity, transmission power and countdown for automatic shutdown.

<table>
<thead>
<tr>
<th>Specification</th>
<th>MI-MMU16</th>
</tr>
</thead>
<tbody>
<tr>
<td>Frequency Oscillation Mode</td>
<td>Phase-locket loop (PLL)</td>
</tr>
<tr>
<td>Carrier Wave Frequency Range</td>
<td>823 – 832 MHz &amp; 863 – 865 MHz</td>
</tr>
<tr>
<td>RF Power Output</td>
<td>10 mW / 50 mW</td>
</tr>
<tr>
<td>RF Stability</td>
<td>&lt; ±10 kHz @ Fc</td>
</tr>
<tr>
<td>Modulation Frequency Shift</td>
<td>± 48 kHz</td>
</tr>
<tr>
<td>Harmonic Radiation</td>
<td>&lt; -50 dB</td>
</tr>
<tr>
<td>Functions</td>
<td>Mute, auto off, sensitivity adjustment, low power indication</td>
</tr>
<tr>
<td>Display By</td>
<td>LCD + LED</td>
</tr>
<tr>
<td>Controls</td>
<td>Power, mute, group, channel, frequency, sensitivity adjustment, auto off, button lock</td>
</tr>
<tr>
<td>Battery</td>
<td>AA alkaline or rechargeable battery x 2</td>
</tr>
<tr>
<td>Charging</td>
<td>Yes</td>
</tr>
<tr>
<td>Dimensions (mm)</td>
<td>51 (W) x 269 (H) x 26 (L)</td>
</tr>
</tbody>
</table>

Microphone desk

**MI-PMU16**

Microphone desk with flexible gooseneck & transmitter in the base for cable-free use as a wireless microphone.

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<td>± 48 kHz</td>
</tr>
<tr>
<td>Harmonic Radiation</td>
<td>&lt; -50 dB</td>
</tr>
<tr>
<td>Functions</td>
<td>sensitivity, RF power, Low Cut filter, auto OFF &amp; battery level</td>
</tr>
<tr>
<td>Display By</td>
<td>with LCD + LED</td>
</tr>
<tr>
<td>Connector</td>
<td>mini XLR 4 pin</td>
</tr>
<tr>
<td>Controls</td>
<td>power switch, mute, group, channel, frequency, sensitivity, input attenuation &amp; auto OFF, 2 AA alkaline or rechargeable batteries yes</td>
</tr>
<tr>
<td>Battery</td>
<td>2 AA alkaline or rechargeable batteries</td>
</tr>
<tr>
<td>Charging</td>
<td>716 (width) x 450 (height) x 138 (depth)</td>
</tr>
<tr>
<td>Dimensions (mm)</td>
<td>725 g (without batteries)</td>
</tr>
<tr>
<td>Weight</td>
<td></td>
</tr>
</tbody>
</table>

Accessoires

**MI-CH2**

Charger for 2 wireless microphone: two hand-held microphones, two bodypack microphones, or one of each.

**UB-900**


**UA-900**

Antenna signal distributor with two antenna inputs BNC 75 ohm with phantom power, each one with four amplified outputs (1.8 dB).
**Lavalier microphone**

*MI-MSU16*

Lavalier microphone with cardioid polar diagram, lightweight and small size for minimum visibility. Includes a clip to hold the microphone in tie or lapel.

**Connector**
- 4-pin mini XLR

**Frequency Response**
- Cardioid
- 30 Hz ~ 18 kHz

**Polar Pattern**
- Cardioid

**Sensitivity at 1 kHz**
- -68 ±3 dB

**Impedance**
- 680 Ω

**MAX SPL for 1% THD**
- 130 dB

**Headset microphones**

*MI-MDU16*

Unidirectional condenser stage headset wireless microphone, lightweight for freedom of movement and great comfort thanks to its ergonomic design.

**Connector**
- 4-pin mini XLR

**Frequency Response**
- Cardioid
- 30 Hz ~ 18 kHz

**Polar Pattern**
- Cardioid

**Sensitivity at 1 kHz**
- -68 ±3 dB

**Impedance**
- 680 Ω

**MAX SPL for 1% THD**
- 130 dB

*MI-MAU16*

Double ear-hook wireless microphone designed especially for aerobics or similar activities.

**Connector**
- 4-pin mini XLR

**Frequency Response**
- Omnidirectional
- 60 Hz ~ 15 kHz

**Polar Pattern**
- Omnidirectional

**Sensitivity at 1 kHz**
- -64 ± 3 dB

**Impedance**
- 1.8 kΩ

**MAX SPL for 1% THD**
- 130 dB

**Bodypack transmitter included with lavalier and headband microphones.**

**Frequency Oscillation Mode**
- Phase-locket loop (PLL)

**Carrier Wave Frequency Range**
- 823 ~ 832 MHz & 863 ~ 865 MHz

**RF Power Output**
- 10 mW / 50 mW

**RF Stability**
- < ±10 kHz @ Fc

**Modulation Frequency Shift**
- ± 48 kHz

**Harmonic Radiation Functions**
- Mute, auto off, input level attenuation, sensitivity adjustment, low power indication

**Display By**
- LCD + LED

**Controls**
- 4 pin Mini XLR

**Battery Charging**
- AA alkaline or rechargeable battery x 2

**Dimensions (mm)**
- 62 (W) x 97 (H) x 20 (L)

**Receivers**

*MI-RD2CU16* » 2 channels receiver — *MI-RD1CU16* » 1 channel receiver

Receivers of wireless microphones of one or two channels and with the possibility of automatically configuring and synchronizing the microphones, matching the frequencies, with ultrasounds (REMOSET system).

**Frequency Oscillation**
- Phase-locket loop (PLL)

**Remote set**
- ultrasonic

**Diversity**
- antenna diversity

**Bandwidth**
- 2 MHz

**Signal / Noise Ratio**
- > 105 dB

**THD**
- < 0.6 % @ 1 kHz

**Receiving Sensitivity**
- -95 dBM, S/N > 80 dB

**Frequency Response**
- 50 Hz ~ 16 kHz ± 2 dB

**Antenna**
- ½” BNC detachable, DC 12 ~ 15 V / 100 mA XLR balanced, -4 dBV (line) / -24 dBV (MIC)

**Audio Frequency Output Level**
- jack 6.35 mm unbalanced, -10 dBV

**Impedance**
- 600 Ω

**Output Port**
- 12 ~ 15 Vdc (power supply included)

**Power Supply**
- 62,3 x 38,3 x 144 mm

**Dimensions (mm)**
- 212,3 x 38,3 x 144
# WIRELESS MICROPHONES

## Equipment summary

### MICROPHONES

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
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<tbody>
<tr>
<td>MI-MMU16</td>
<td>Hand held cardioid wireless microphone. UHF</td>
</tr>
<tr>
<td>MI-MSU16</td>
<td>Lavalier wireless microphone with transmitter. UHF</td>
</tr>
<tr>
<td>MI-MDU16</td>
<td>Condenser stage headset wireless microphone with transmitter. UHF</td>
</tr>
<tr>
<td>MI-MAU16</td>
<td>Double ear-hook wireless microphone with wireless transmitter, for aerobic. UHF</td>
</tr>
<tr>
<td>MI-PMU16</td>
<td>Wireless microphone desk. UHF</td>
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### RECEIVERS

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<tr>
<th>Model</th>
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<tr>
<td>MI-RD2CU16</td>
<td>Diversity receiver, 2 channels, UHF</td>
</tr>
<tr>
<td>MI-RD1CU16</td>
<td>Diversity receiver, 2 channel, UHF</td>
</tr>
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<td>MI-CH2</td>
<td>Charger of two wireless microphones of the MI series</td>
</tr>
<tr>
<td>UB-900</td>
<td>Wall antenna booster</td>
</tr>
<tr>
<td>UA-900</td>
<td>Antenna splitter</td>
</tr>
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