

MR-400/M

Hand-held wireless microphone



- Receiver MR-400
- Hand-held microphone MH-403
- Power Supply
AC/DC 100-240V 50/60Hz

Description

Wireless handheld microphone and receiver set. Designed to offer freedom of movement without worrying about distances or interferences.

- Automatic synchronization of receiver / transmitter frequencies.
- Microphone with built-in LCD screen.
- Noise reduction filter for spurious frequencies.
- Suitable for small and medium sized installations.

Technical characteristics

System Parameters

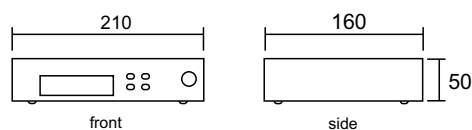
Frequency range	620-640.70MHz
Signal frequency	250KHz
Frequency stability	$\pm 0.005\%$
Dynamic range	100dB
Frequency response	40Hz - 18KHz (± 3 dB)
S/N Ratio	>105db
THD	$\leq \pm 0.5\%$
Working distance	100m aprox. in open spaces

Transmitter

Stability	10 PPM
RF Output Power	10 mW
Microphone capsule	Dynamic
Power supply	2 batteries AA 1,5V
Battery life	6-8 hours

Receiver

Mode	PLL
Audio output	0-300mV
Sensitivity	-105dB
Max. Output level	
Balanced	0-400mV
Unbalanced	0-200mV
Power supply	12- 15V DC Power supply
Connection	XLR balanced Jack 6.35mm unbalanced



Dimensions in mm



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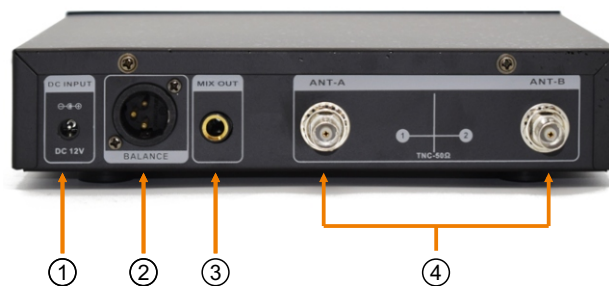
rev.1 | 610.567A | 1 / 3

Front panel



- | | |
|---|-----------------------------|
| 1 Antenna x 2 | 7 Decrease |
| 2 Selected frequency | 8 Volume |
| 3 Increase | 9 Frequency signal level |
| 4 Frequency /Channel adjustment | 10 Selected channel |
| 5 On / Off | 11 Microphone battery level |
| 6 Microphone / receiver synchronization | 12 IR sensor |

Rear panel



- | | |
|-----------------------------------|----------------------------------|
| 1 DC input | 3 6.35mm jack unbalanced output. |
| 2 XLR balanced output. Balanceada | 4 Antenna inputs x2 |



- 1 Alojamiento baterías
- 2 Sensor IR
- 3 On / Off
- 4 Display LCD

Preliminary

- Screw in the two antennas on the rear panel and place them in a vertical position for a better reception of the signal.
- Connect the included power supply to the MR-400 receiver.
- Connect the audio cable to the output on the rear panel. XLR (balanced) or 6.35mm Jack.

Frequency synchronization

- Turn on the wireless microphone MH-403.
- With the receiver on, press the **SET** button two times in a row. The channel indicator on the display of the MR-400 receiver will blink.
- Select the frequency (channel) using the buttons **UP** and **DOWN**. Once the selection is made, press **SET**. The channel will be memorized and will be shown in a fixed form.
- With the wireless microphone about 10-15cm from the receiver, press the **SET** button on the receiver to start the synchronization. During this process **SYNC** will be shown on the MR-400 display.
- The pairing process will end when the same frequency appears on the MH-403 microphone display.
- To automatically search for a free or low interference channel, press the **ACT** button, the receiver will scan of channels and will stop at a free one. While searching, **SCAN** will be displayed on the screen.



Microphone gain adjustment

To adjust the microphone gain, press the **UP** and **DOWN** buttons on the MR-400 receiver.

We recommend checking the battery level of the MH-403 microphone before of its use, consulting the display of the MH-403 microphone itself.