

MR-400/M

Hand-held wireless microphone



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

Description

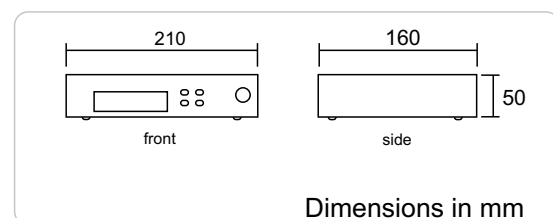
Wireless handheld microphone and receiver set. Designed to offer freedom of movement without worrying about distances or interferences.

- 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		Receiver	
Frequency range	642-665MHz	Mode	PLL
Signal frequency	250KHz	Audio output	0-300mV
Estabilidad de frecuencia	$\pm 0.005\%$	Sensitivity	-105dB
Dynamic range	100dB	Max. Output level	
Frequency response	40Hz - 18KHz ($\pm 3dB$)	Balanced	0-400mV
S/N Ratio	>105db	Unbalanced	0-200mV
THD	$\leq \pm 0.5\%$	Power supply	12 ~ 15V DC Power supply
Working distance	100m aprox. in open spaces	Connection	XLR balanced Jack 6.35mm unbalanced

Transmitter	
Stability	10 PPM
RF Output Power	30 mW
Microphone capsule	Dynamic
Power supply	2 batteries AA 1,5V
Battery life	6-8 hours



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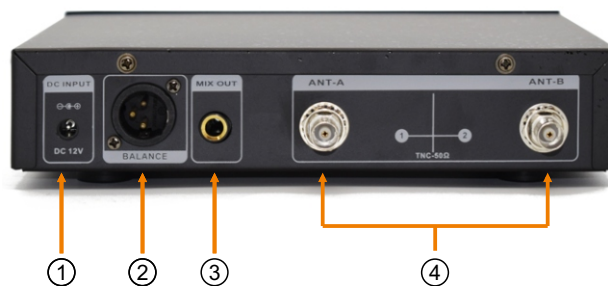
rev.1 | 610.567A | 1 / 3

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.