



- MR-400 Receiver
- PW-404 Lavalier microphone
- Transmitter MT-404
- AC/DC power adapter  
IN 100-240V 50/60Hz 0.4Amp  
OUT 12V DC 1.0Amp 12W
- W-405 Headset microphone

### Description

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

- Automatic synchronization of receiver / transmitter frequencies.
- Noise reduction filter for spurious frequencies.
- Suitable for small and medium sized installations.

### Technical characteristics

#### System Parameters

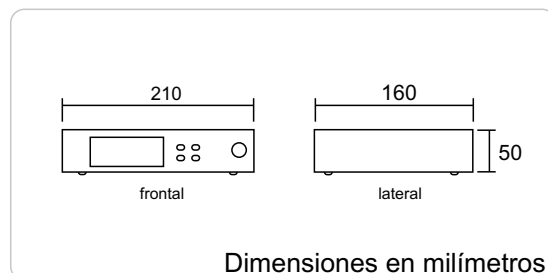
Frequency range	620-649,7MHz
Frecuencia signal	250KHz
Estabilidad de frecuencia	± 0,005%
Dynamic range	100dB
Frequency response	40Hz - 18KHz ( ± 3dB)
S/N Ratio	>105dB
T.H.D.	≤ 0,5%
Working distance	100m in open spaces

#### Transmitter

Estabilidad	± 10 PPM
RF output power	30mW
Microphone capsule	Electret
Power supply	2 batteries AA 1,5V

#### Receiver

Mode	PLL
Audio output	0-300mV
Sensibilidad	-105 dB
Max. output level	
Balanced	0-400mv
Unbalanced	0-200mv
Power supply	Power supply 12~15V DC
Connection	XLR balanced 6,35mm jack unbalanced

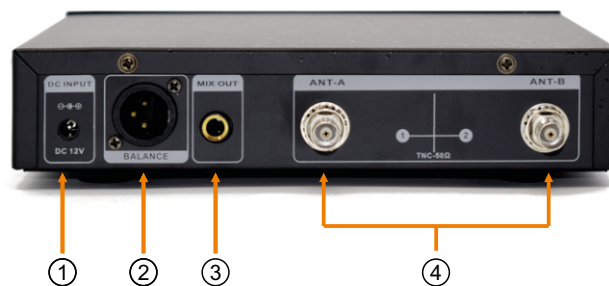


## Front panel

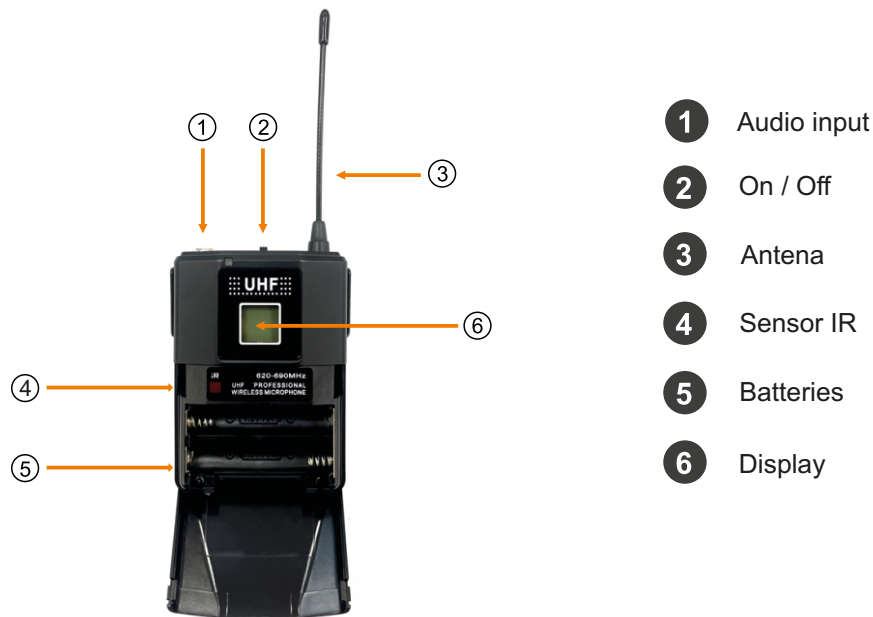


- |   |                            |
|---|----------------------------|
| ① Antenna x 2                           | ⑦ Decrease                 |
| ② Selected frequency                    | ⑧ Volume                   |
| ③ Increase                              | ⑨ Frequency signal level   |
| ④ Frequency /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. | ④ Antenna inputs x2              |



- ① Audio input
- ② On / Off
- ③ Antena
- ④ Sensor IR
- ⑤ Batteries
- ⑥ Display

## 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 MT-404 wireless pocket.
- 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.
- Open the battery cover and hold both IR sensors in front of each other. With the two devices 10-15cm apart, press the SET button on the receiver to start synchronisation. During this process, SYNC will appear on the MR-400 display.
- The pairing process will end when the same frequency appears on the MT-404 wireless pocket 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 MT-404 wireless pocket before of its use, consulting the display of the MH-403 microphone itself.**