



Description

The **WV-6 control unit** is designed to work with the various **UDE window intercom systems: IV-5/M , IV-6/M.**

With reduced dimensions (210*220*38mm), it can be wall-mounted, table-top or 19" rack-mounted by means of the WM-200 accessory.

It is powered by the **WV-12 power supply** (12 Vdc./ 230Vac.). It has a special antilarson device as well as two parametric filters to optimise performance.

It has a headphone output (inside cabin) for a better privacy of the system, which are used with a **PV-5 microphone or the PZ-39V desk inside.**

It also incorporates as standard a magnetic loop amplifier (ref. WV-10) to help the hearing impaired.

All this makes the WV-6 a very flexible element, to satisfy all cases of window intercommunication.

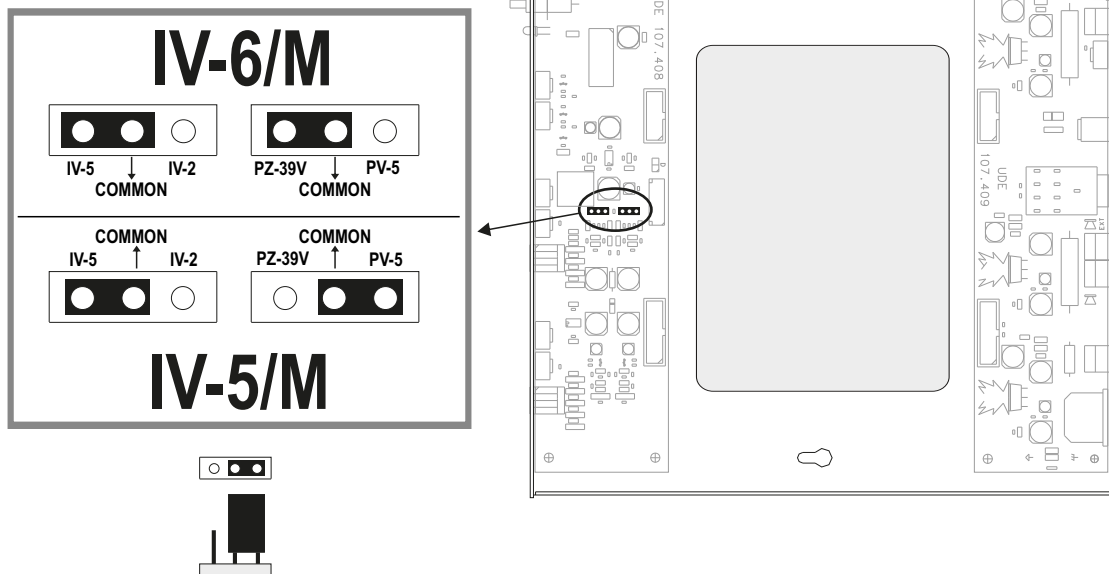
Configuration

The system is by default configured for **IV-5/M.**

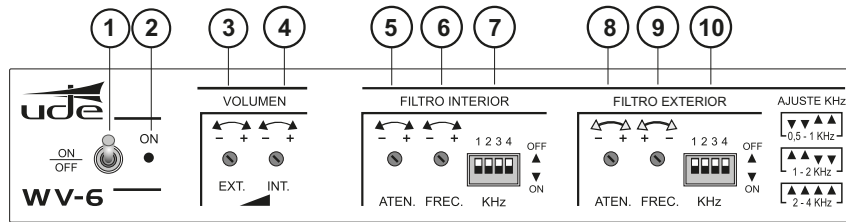
In case it is necessary, remove the cover. Place the internal bridges according to the type of microphones that will be used: **IV-6/M** or **IV-5/M**, as indicated in the figure. Next, replace the cover.

Assembly the main station in its location, having in mind that the different elements of adjustment and connectors must stay accessible.

Configuration Main station WV-6 for systems:
-IV-6/M
-IV-5M

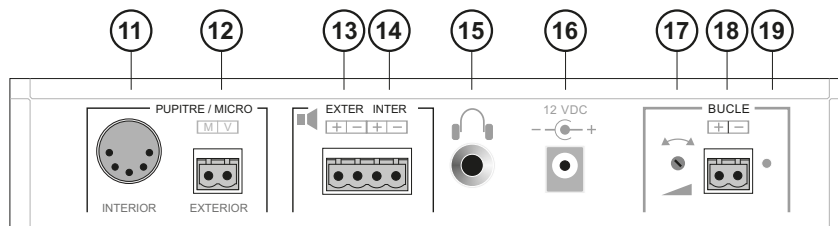


FRONT PANEL CONTROLS WV-6



- ① - SWITCH ON/OFF
- ② - POWER LED.
- ③ - OUTSIDE volume control
- ④ - INSIDE volume control
- ⑤ - Adjustment of internal filter Attenuation.
- ⑥ - Adjustment of internal filter Frequency.
- ⑦ - Selector of internal filter Level Frequency
- ⑧ - Adjustment of external filter Attenuation.
- ⑨ - Adjustment of external filter Level Frequency.
- ⑩ - Selector of external filter Level Frequency.

RARE PANEL CONNECTION WV-6



- ①① - INTERNAL DIN - Microphones Connector
- ①② - Plugged terminal block- EXTERNAL microphone
- ①③ - Plugged terminal block- EXTERNAL loudspeaker
- ①④ - Plugged terminal block- INTERNAL microphone
- ①⑤ - JACK-PHONES connector.
- ①⑥ - Power Supply 12 VDC
- ①⑦ - MAGNETIC Loop Adjustment.
- ①⑧ - MAGNETIC Loop plugged terminal block.
- ①⑨ - MODULATION Led MAGNETIC Loop.

STARTING UP:

An assistant is required in the outdoor area.

The noise level conditions inside and outside the ticket office shall be the normal conditions of use of the system.

Set all front and rear panel adjustment potentiometers to minimum (counterclockwise).

Switch on the WV-6 central unit by using the "ON/OFF" switch. The red "ON" LED lights up.

Press the start button of the PV-5 microphone. The associated green LED should light up.

Operate the external volume adjustment, speaking normally in front of the indoor microphone, until the appropriate level is reached at the outdoor area.

Then proceed in the same way with the indoor volume, speaking from the outside, the indoor level should be appropriate to the environment. If at the adjusted level, the sound tends to be coupled, this is usually due to the type of loudspeaker used as well as the acoustic characteristics of the room.

In this case it will be necessary to adjust the indoor and outdoor parametric filters.

PROCEDURE OF FILTERS ADJUSTMENT:

Adjustment of external filters:

1. Reduce the internal volume lightly.
2. Increase the external volume, until getting the couple critical point, to activate the filter attenuation turning left up, and readjust the frequency. If it has not effects, change the frequency level and readjust the frequency again until obtaining a better sound.

Adjustment of internal filters:

3. Reduce the external volume lightly.
4. Increase the internal volume, until getting the couple critical point, activate the filter's attenuation adjustment to the maximum, and readjust the frequency. It has no effects, change the frequency level and readjust the frequency again until obtaining a better sound.

It is possible an acute adjustment reducing the attenuation.

Once got the both filters adjustment, readjust the internal and external volumes, in order to obtain the proper levels.

The system is fully adjusted.

ADJUSTMENT OF THE MAGNETIC LOOP AMPLIFIER (OPTION via the accessory WV-10):

Adjust the volume located in the rare panel, until the modulation loop LED is illuminated while you are talking in front of the internal microphone.