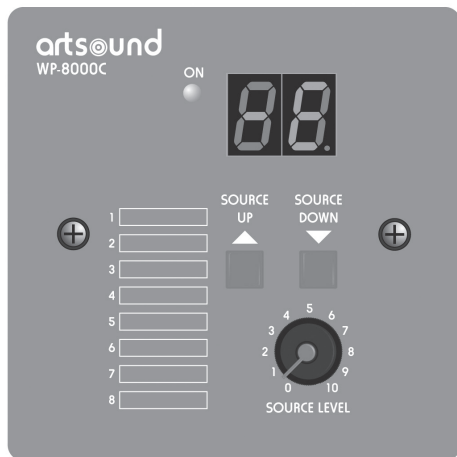




artsound

WP-8000C User Manual

Please follow the instructions in this manual to obtain the optimum results from this unit.
We also recommend that you keep this manual handy for future reference

Check our website for any updates of this manual: www.artsound.be

1. Descriptions

WP-8000C is a remote control panel can work together with MAT-8000, which will be used as a remote source selector and volume. The remote control panel is designed with LED to provide direct display of the selected sources, the up and down button will be used to increase or decrease the source input channel. A ten levels volume control is provided over the sources.

The communication between the panel and the matrix is through universal industrial standard CAT5 cable, which also is used to supply power from the matrix to this panel within 50 meters. In total 8 units of the remote control panels could work together with the matrix.

2. Front panel & rear panel

1. SOURCE CHANNEL LED

The LED in background will display the source channel 1 to 8 as 01 to 08 and local input as L.

2. LABEL

The label could be end user-printed as guidance over sources.

3. SOURCE LEVEL

Ten levels volume control over selected source output, clockwise adjustment to increase the volume from low to high level.

4. SOURCE UP & SOURCE DOWN

The two buttons are used to increase or decrease

5. the input sources channel from 1 to 8 and local input.

6. JTAG CONNECTOR

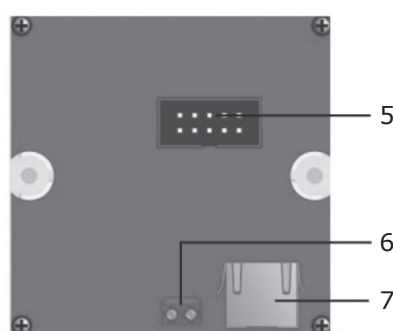
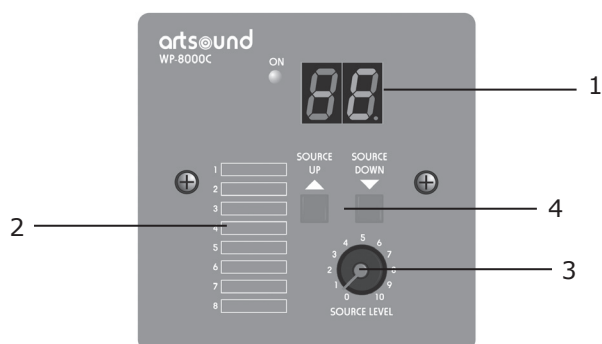
Connector for reprogramming.

7. SPARE 24V DC INPUT

Extra DC 24V will be needed to power supply the remote control panel when the communication distance is longer than 50 meters.

8. RJ45 COMMUNICATION PORT

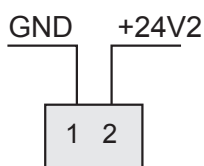
The RJ45 port is used to communicate between the remote control panel and the matrix, it also will be used to power supply the panel within 50 meters.



3. Connection & wiring

1. THE RJ45 PORT is used to communicate between the remote control panel and the matrix. It can be connected with network power supply in 50 meters distance; If the connecting distance is over 50 meters, they should be connected with external DC 24V or there will be noise. The communication cable shall be universal industrial CAT5 cable.

2. SPARE DC24V INPUT



3. RJ45 COMMUNICATION PORT

485-B	1
485-A	2
RE_D	3
GND	4
24V1	5
24V1	6
NC	7
NC	8

4. Operation

1. POWER SUPPLY.

The remote control panel will be power on whether there is DC24V from the matrix or extra equipments. The power indicator will be light on blue, which is also used as status indicator to display if communication is well or not.

2. SOURCE SELECTION.

Total 9 sources include line 1-8 and local input could be selected on the panel through up and down buttons. The selected source will be displayed on the LED.

3. VOLUME CONTROL.

A ten levels volume control is provided for the local line input.

5. Specifications

Communication Speed	57600 bps
Communication Distance	≤ 1 km
Power Supply	DC 24 V
Weight	73 g
Dimensions mm (w x d x h)	86 x 86 x 33