



# AWP-2

---

## Touchscreen control panel User's Manual



# Safety information

Please, read and follow all instructions in this document. Failure to follow these instructions may damage the product and void the manufacturer's warranty.

1. Read these instructions and keep these notes in a safe place.
2. Heed all warnings and instructions
3. Do not use this apparatus near water.
4. Clean only with a dry cloth.
5. Do not block any ventilation openings.
6. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
7. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply or screen is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.



**WARNING:** This product must not be discarded, under any circumstance, as unsorted urban waste. Take to the nearest electrical and electronic waste treatment center. Electrical or electronic devices that are no longer serviceable must be collected separately and sent for environmentally compatible recycling (in accordance with the European Waste Electrical and Electronic Equipment Directive).

# Introduction

Thank you for choosing our Touch-screen wall controller AWP-2.

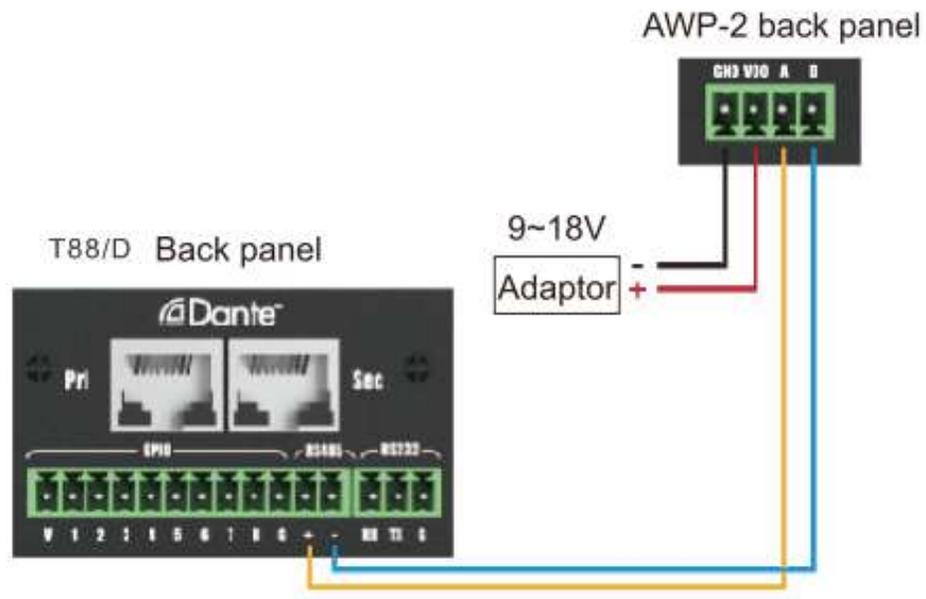
It is **VERY IMPORTANT** to carefully read this manual and to fully understand its contents before any connection in order to maximize your use and get the best performance from this equipment. To ensure optimal operation of this device, we strongly recommend that its maintenance be carried out by our authorized Technical Services.

All AUDIOCENTER products are covered by warranty, please refer to [www.audiocenter.com](http://www.audiocenter.com) or the warranty card included in AUDIOCENTER products for the period of validity and conditions.

AWP-2 is a touch-screen controller that allow remote control functions over T88 and T88D matrix mainframes, such as audio input and output volume adjustment or preset selection.

# Installation Guide

1. Connect the RS-485 connector to the A and B slots in the touch-screen panel.
2. Connect the RS-485 connector to the + (A) and – (B) slots in the T88 or T88D matrix unit.
3. Connect the external power. It should be a DC power supply between 9V and 18V.
4. Screw the device to the surface box or flush box.

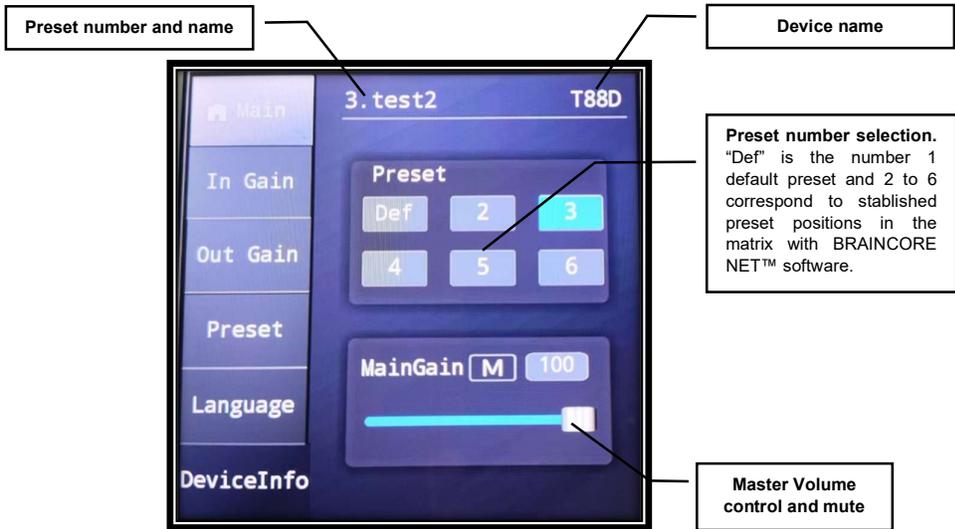


Wiring schematic diagram

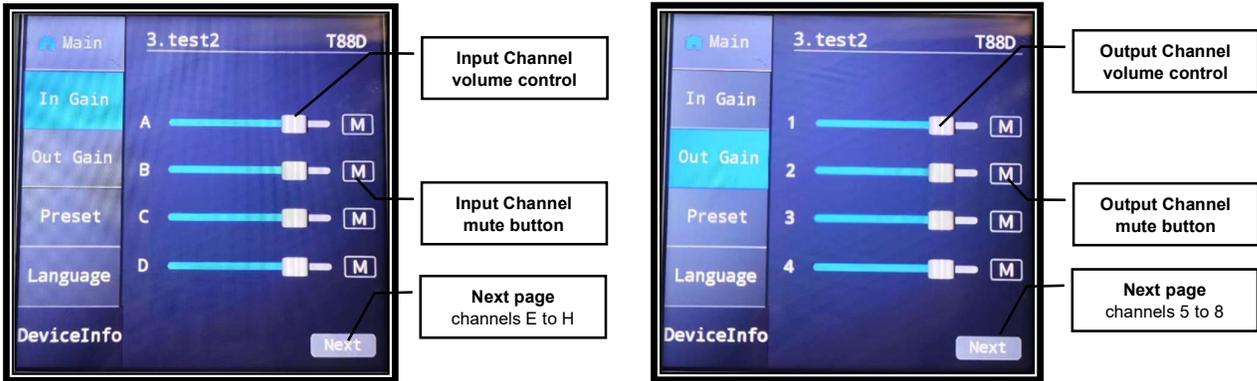
# Device Access

The administrator can access to the device by using the touch-screen panel. Additionally, the configuration of the presets can be performed with the BRAINCORE NET™ software included with the T88 and T88D matrix devices. It requires TCP/IP connection or also USB connection is allowed.

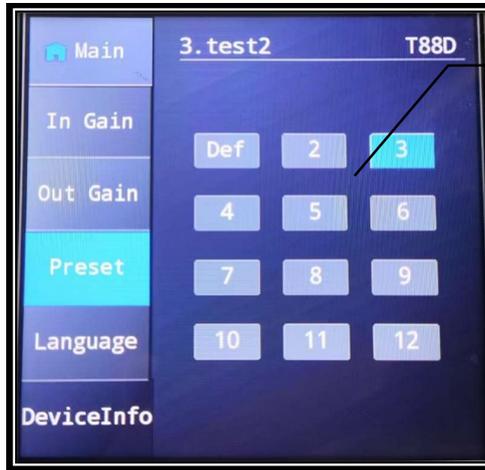
### Main interface



### Input and Output section



### Preset call



**Preset number selection.**  
"Def" is the number 1 default preset and 2 to 12 correspond to established preset positions in the matrix with BRAINCORE NET™ software.

### Language & Device Information



**Language selection**

**Device info**  
Name, Version of the Firmware and date, Version of the BRAINCORE NET™ software.



## Technical Specification

<b>Product</b>	<b>AWP-2</b>
<b>Screen size</b>	4-inch
<b>Screen resolution</b>	480 x 480 pixels
<b>Screen colour</b>	16-bit RGB, 65000 colours
<b>Operation voltage range</b>	DC 9V to 18V
<b>Communication protocol</b>	RS-485
<b>Effective display size</b>	72 x 70 mm
<b>Product size (WxDxH)</b>	91 x 91 x 28 mm
<b>Working temperature</b>	-20 to 70 °C



## **AUDIOCENTER INTERNATIONAL**

Nr.9, Jin Tian Road  
Huadong Town, Huadu District  
510890 Guangzhou  
CHINA  
**[www.audiocenter.com](http://www.audiocenter.com)**