

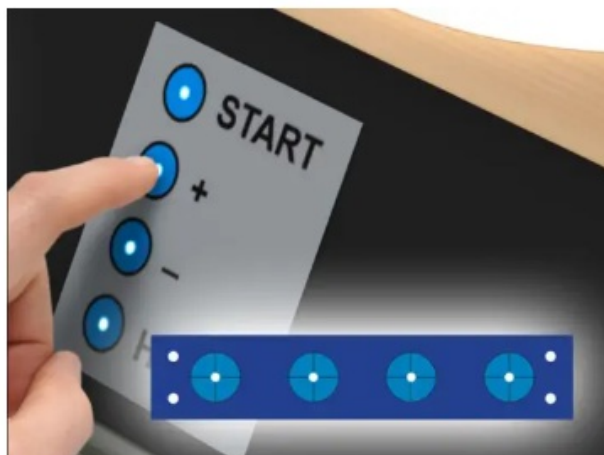
Audio Authority TS04-USB TouchSelect USB Touch Panel Interfaces User Manual

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Audio Authority TS04-USB TouchSelect USB Touch Panel Interfaces User Manual



Product information

The TouchSelect USB Panel Interfaces are a range of control panels that can be connected to compatible devices such as BrightSign players or Ascentic MediaHub. The range includes three models: TS04-USB, TS09-USB and TS22-USB.

Advantages

- Standard USB port for communication
- Sends the touch location and address via bus
- Enables programming of USB-A compatible devices to respond to touch messages
- Enables player control and switching activity

List of USB Serial Commands

command	arguments	Example
[PRESS_#]	[PRESS_[POSITION]]	[PRESS_1]
[PUBLISHED]	No	[PUBLISHED]
[BLINK_#]	[BLINK_[POSITION1],[POSITION2], ...]	[BLINK_3,5,6]
[LEDON_#]	[LEDON_[POSITION1],[POSITION2], ...]	[LEDON_1,3,7]
[LED OFF_#]	[LEDOFF_[POSITION1],[POSITION2], ...]	[LEDOFF_3]
[LEDALLOFF]	No	[LEDALLOFF]

Instructions for product use:

To use the TouchSelect USB panel interfaces, follow these steps:

1. Connect the TouchSelect control panel to a compatible device such as a BrightSign player or Ascentic MediaHub using a standard USB connection.
2. When you touch the TouchSelect panel, it sends the touch location and its corresponding address over the bus.
3. Program the USB-A compatible device to respond to these messages. This will enable player control and switching activities.

For specific commands, use the USB Serial Command List provided in the user manual. Here are some examples:

- To simulate pressing a position, use the command [PRESS_#] where # is the position number. For example, [PRESS_1] simulates press position 1.
- To indicate the release of a position, use the [RELEASED] command.
- To blink a position, use the command [BLINK_#] where # is the position number. You can specify multiple positions by separating them with commas (for example, [BLINK_3,5,6]).
- To turn on the LED of a position, use the command [LEDON_#] where # is the position number. You can specify multiple positions by separating them with commas (for example [LEDON_1,3,7]).
- To turn off the LED of a position, use the command [LEDOFF_#] where # is the position number. You can specify multiple positions by separating them with commas (for example [LEDOFF_3]).
- To turn off all LEDs, use the [LEDALLOFF] command.

Please refer to the installation instructions in the user manual for specific dimensions of each model:

- TS09 (HxWxD, inches): 2.5 x 4 x 1
- TS04 (HxWxD, inch): 1 x 5 x 1
- TS22 (HxWxD, inches): 3.5 x 11.75 x 1

For further assistance or support, please contact Audio Authority at [800-322-8346](tel:800-322-8346) or support@audioauthor.com. You can also visit ascenticretail.com for more information.

Product revision: E-169 Rev. 20221020

Introduction

The Audio Authority® TouchSelect USB series offers flexible solutions for any interactive display.

TouchSelect panels are available in three configurations:

4-position (TS04-USB), 9-position (TS09-USB), and 22-position (TS22-USB). The TouchSelect RS-485 series offers the same configurations with different functions. A compatible USB device such as a switch module or media player can be programmed to respond to TouchSelect panels.

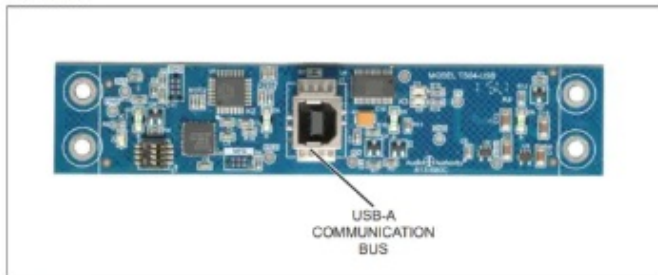
Advantages

- Use only the locations you need on each panel.
- Use non-conductive material for graphic overlay.
- Bright blue LEDs shine through many overlay materials.
- The connected player or switching device interprets each connected position.

COMPATIBLE WITH BRIGHTSIGN® MEDIA PLAYERS



TS04 FRONT



TS04 REAR

USB-A communication

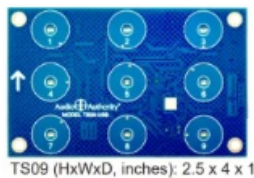
The TouchSelect USB series communicates via a standard USB connection. Each of the TouchSelect control panels can be connected to a compatible device such as a BrightSign player or Ascentic MediaHub. When touched, the TouchSelect panel transmits the touch location and its associated address over the bus. Any USB-A compatible device can be programmed to respond to these messages, allowing player control and switching activity.

List of USB Serial Commands

command	Arguments	Example
[PRESS_#]	[PRESS_[POSITION]]	[PRESS_1]
[PUBLISHED]	[PUBLISHED]	[PUBLISHED]
[BLINK_#]	[BLINK_[POSITION]] or [BLINK_[POSITION1],[POSITION2], ...]	[BLINK_3,5,6]
[LEDON_#]	[LEDON_[POSITION]] or [LEDON_[POSITION1],[POSITION2], ...]	[LEDON_1,3,7]
[LED OFF_#]	[LEDOFF_[POSITION]] or [LEDOFF_[POSITION1],[POSITION2], ...]	[LEDOFF_3]
[LEDALLOFF]	no	[LEDALLOFF]

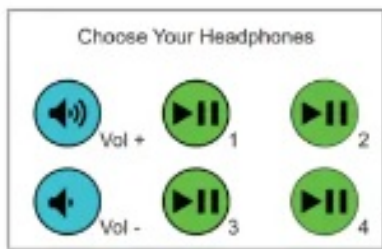
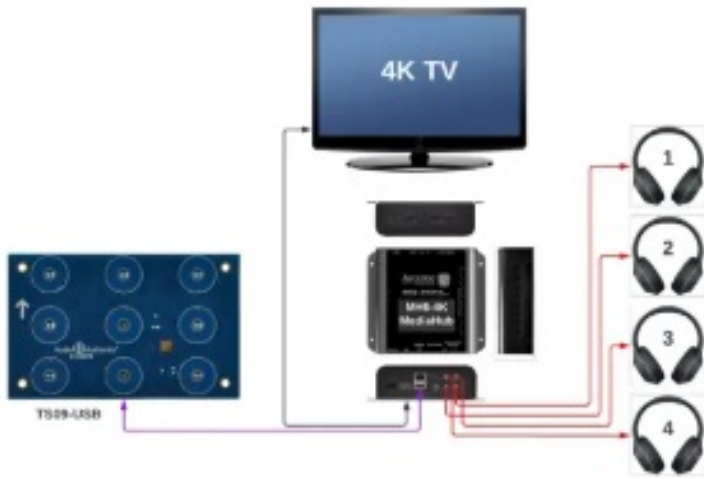
Installation

- Connect the USB cable between the touch panel and the switcher.
- Attach the touch panel to the fixture.
- Attach the overlay to the surface of the touch panel.
- Touch any position to validate programmed commands.



TS04-USB Examphet system:


- A touch panel controls volume and plays video tracks.
- Start a demo by touching “Play Next” and adjust the volume by touching the “Volume” keys.
- Touch panels connect to the MH6-4K MediaHub via USB



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References

- [User Manual](#)

