Manuals+ — User Manuals Simplified.

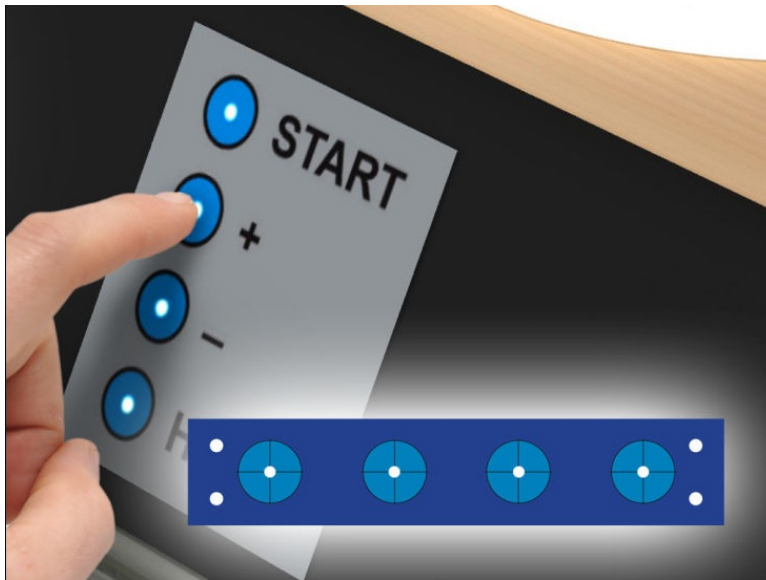# Ascentic TS04-USB TouchSelect USB Touch Panel Interfaces User Manual

Contents

Ascentic TS04-USB TouchSelect USB Touch Panel Interfaces

Product Information

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

Features

- Standard USB connection for communication
- Transmits touch location and address over the bus
- Allows programming of USB-A capable devices to respond to touch messages
- Enables player controls and switching activity

USB Serial Command List

Command	Arguments	Example
[PRESS_#]	[PRESS_[POSITION]]	[PRESS_1]
[RELEASED]	None	[RELEASED]
[BLINK_#]	[BLINK_[POSITION1],[POSITION2], …]	[BLINK_3,5,6]
[LEDON_#]	[LEDON_[POSITION1],[POSITION2], …]	[LEDON_1,3,7]
[LEDOFF_#]	[LEDOFF_[POSITION1],[POSITION2], …]	[LEDOFF_3]
[LEDALLOFF]	None	[LEDALLOFF]

Product Usage Instructions

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 will transmit the touch location and its address over the bus.

3. Program the USB-A capable device to respond to these messages. This will enable player controls and switching activity.

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 pressing position 1.
- To indicate the release of a position, use the command [RELEASED].
- To make a position blink, use the command [BLINK_#] where # is the position number. You can specify multiple positions by separating them with commas (e.g., [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 (e.g., [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 (e.g., [LEDOFF_3]).
- To turn off all LEDs, use the command [LEDALLOFF].

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, inches): 1 x 5 x 1
- TS22 (HxWxD, inches): 3.5 x 11.75 x 1

For further assistance or support, contact Audio Authority at 800-322-8346 or **support@audioauthority.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.
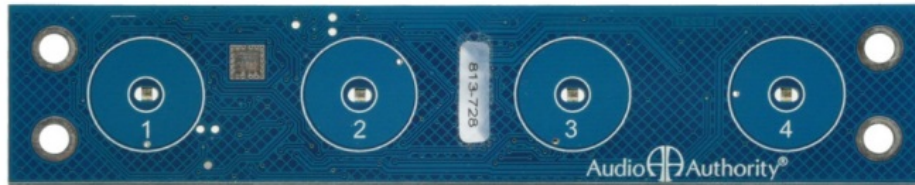
TouchSelect panels come in three configurations:
4 position (TS04-USB), 9 position (TS09-USB), and 22 position (TS22-USB). The TouchSelect RS-485 series offers the same configurations with different features. A compatible USB device such as a switch module or media player can be programmed to respond to TouchSelect panels.

Features

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

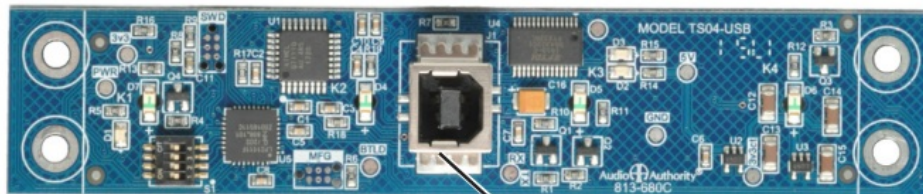COMPATIBLE WITH BRIGHTSIGN® MEDIA PLAYERS
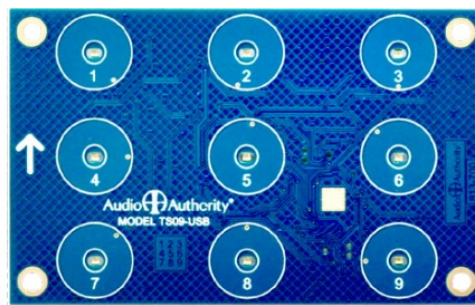
TS04 FRONT

TS04 REAR

USB-A Communication

The TouchSelect USB series communicates via a standard USB connection. Any of the TouchSelect control panels may 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 address over the bus. Any USB-A capable device can be programmed to respond to these messages, enabling player controls and switching activity.

USB Serial Command List

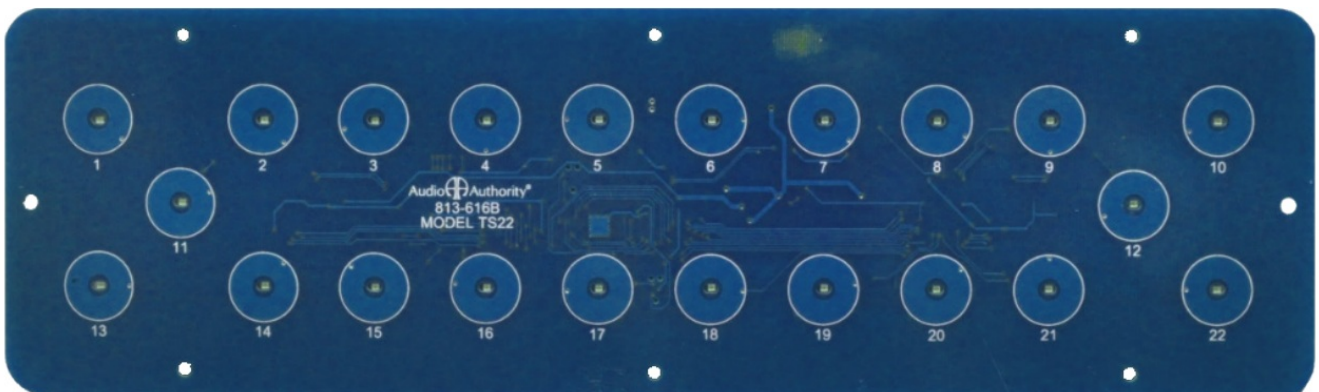| Command	Arguements	Example
[PRESS_#]	[PRESS_[POSITION]]	[PRESS_1]
[RELEASED]	[RELEASED]	[RELEASED]
[BLINK_#]	[BLINK_[POSITION]] or [BLINK_ [POSITION1],[POSITION2], …]	[BLINK_3,5,6]
[LEDON_#]	[LEDON_[POSITION]] or [LEDON_ [POSITION1],[POSITION2], …]	[LEDON_1,3,7]
[LEDOFF_#]	[LEDOFF_[POSITION]] or [LEDOFF_ [POSITION1],[POSITION2], …]	[LEDOFF_3]
[LEDALLOFF]	none	[LEDALLOFF]

Installation

- Connect USB cable from touch panel to switcher.
- Attach the touch panel to the fixture.
- Affix the overlay to the surface of the touch panel.
- Touch each position to validate programmed commands.

TS09 (HxWxD, inches): 2.5 x 4 x 1
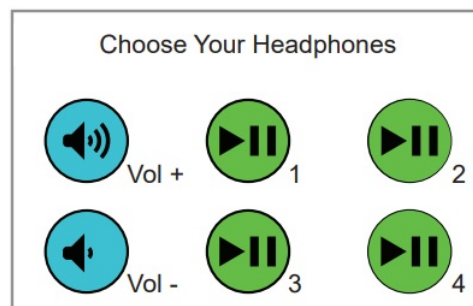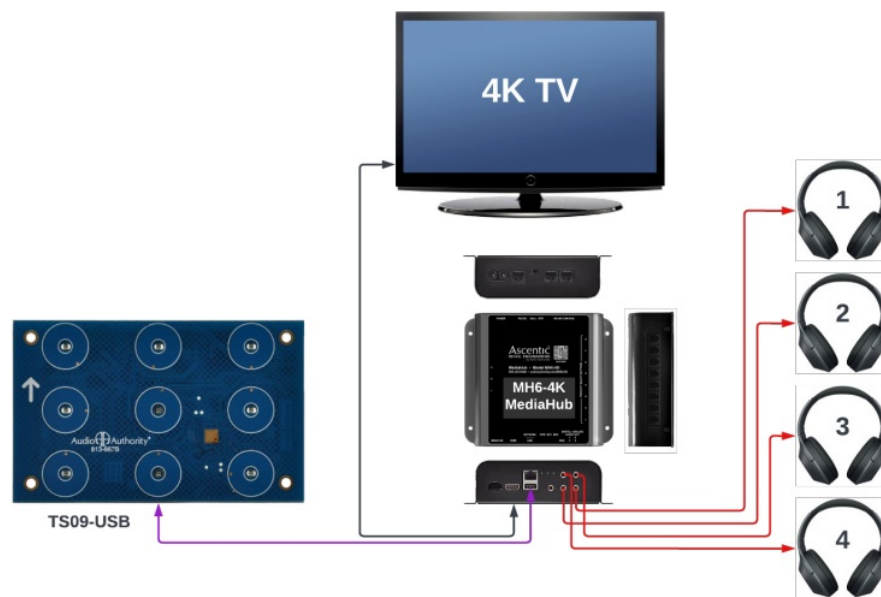

TS04 (HxWxD, inches): 1 x 5 x 1

TS22 (HxWxD, inches): 3.5 x 11.75 x 1

TS04-USB Example System:

- A touch panel controls volume and plays video tracks.

- Start a demo by touching "Play Next" and adust volume by touching "Volume" keys.
- Touch panels connect via USB to the MH6-4K MediaHub

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Documents / Resources

Ascentic TS04-USB TouchSelect USB Touch Panel Interfaces [pdf] User Manual
TS04-USB, TS09-USB, TS22-USB, TS04-USB TouchSelect USB Touch Panel Interfaces, USB
Touch Panel Interfaces, Panel Interfaces

References

- ⊕ **Home | Ascentic Retail Engineering by Audio Authority**