User Manual

TouchSelect
USB Touch Panel Interfaces
TS04-USB and TS09-USB

Ascentic
RETAIL ENGINEERING
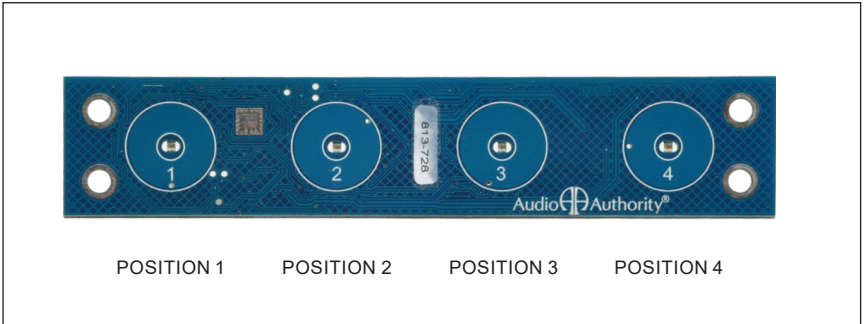by Audio Authority®

Introduction

The Audio Authority® TouchSelect USB series offers flexible solutions for any interactive display. TouchSelect panels come in three configurations: 4 position (TS04-USB) and 9 position (TS09-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.
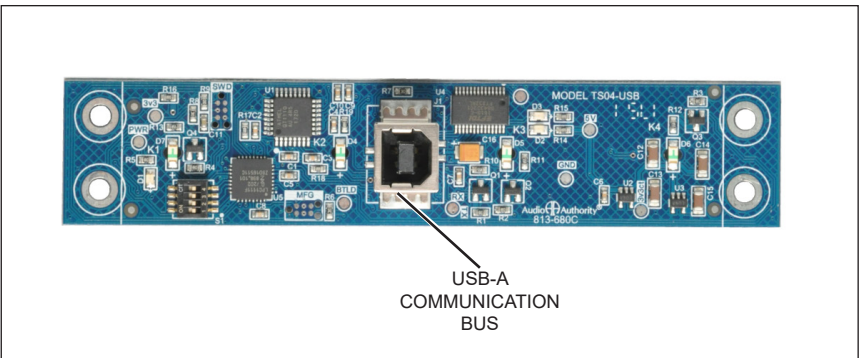
Features

- 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

POSITION 1   POSITION 2   POSITION 3   POSITION 4

TS04 FRONT

USB-A
COMMUNICATION
BUS

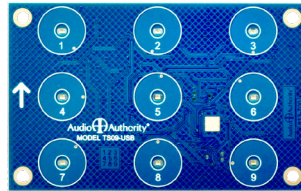TS04 REAR

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 - Baud rate 9600, 8-N-1

Command	Arguements	Example
[PRESS#_#]	[PRESS[ID]_[POSITION]]	[PRESS4_2]
[RELEASED#]	[RELEASED[ID]]	[RELEASE4]
[BLINK#_#]	[BLINK [ID]_[POSITION]] or [BLINK[ID]_[POSITION1],[POSITION2], ...]	[BLINK10_3,5,6]
[LEDON#_#]	[LEDON[ID]_[POSITION]] or [LEDON_[POSITION1],[POSITION2], ...]	[LEDON2_1,3,7]
[LEDOFF#_#]	[LEDOFF[ID]_[POSITION]] or [LEDOFF_[POSITION1],[POSITION2], ...]	[LEDOFF16_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

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