ETC

Unison Mosaic 5" Touchscreen

User Control Series

Type(s)	
Project	
Date	
Notes	

GENERAL INFORMATION

The Unison Mosaic 5" Touchscreen (M-TS5) provides touchscreen control for any Mosaic system. Dynamically control your system using faders, buttons, color pickers, and more. Controlling your timelines, scenes, and even individual fixtures is simplified with the M-TS5 touchscreen.

The touchscreen mounts to a standard 1-gang US/EU/UK back box (surface-mount back box available separately) and supports portrait or landscape operation.

APPLICATIONS
- LED lighting control
- Pixel mapping
- Show control and lighting integration

FEATURES
- Compatible with all Mosaic controllers
- Configurable user interface supports buttons, faders, and color pickers
- Customized configuration using Mosaic Designer Software
- PoE powered

REGULATORY AND COMPLIANCE
- cULus listed
- CE compliant
- UKCA compliant
- California Title 20/24 compliant

ORDERING INFORMATION

TOUCHSCREEN STATION

MODEL	DESCRIPTION
M-TS5-__*	Mosaic 5" Touchscreen

Enter station color code in __ space provided:
- 4 = Black (RAL 9005)
- 5 = White (RAL 9003)

*Specify mounting:
- FBB = Flush-mount
- SBB = Surface-mount

COMPATIBLE SHOW CONTROLLERS

MODEL	DESCRIPTION
MTPC	Tessera Panel Controller
MSC_[1]	Mosaic Show Controller
MSCX	High Capacity Show Controller
MALC	Mosaic Atlas
MALCP	Mosaic Atlas Pro

[1] Available with one (1), two (2), or four (4) DMX universe outputs

RELATED PRODUCTS

MODEL	DESCRIPTION
M108-__	Button Station
MRIO-A	Audio/Timecode Remote Device
MRIO-D	DALI Remote Device
MRIO-I/O	Input/Output Remote Device w/ Serial
MSC-NET2	Ethernet Switch Six-Port with PoE

SPECIFICATIONS

FUNCTIONAL

- Touchscreen controller with user-customizable interface with support for button, slider, and color picker controls
  - 5" capacitive touch display
  - 800x480 resolution
  - 24 bits per pixel (bpp) color depth
- Provides a user interface for one or more Mosaic controllers
- Software and configuration upload using Ethernet
- Supports portrait or landscape mounting and operation
  - US and surface backboxes must be mounted upright for landscape orientation, or sideways for landscape orientation
- Supports buttons, faders, color picker, labels, keypads, and clock controls
- Touchscreen configuration is stored as part of the system configuration file in non-volatile, solid-state memory
- Solid-state, high-reliability components
- The Mosaic system supports up to 40 touchscreens or Show Controllers in any combination

MECHANICAL

- Seamless, uninterrupted front glass plate
- Mounts with no visible means of attachment
- Mounts to a standard US/EU/UK 1-gang back box
  - US and surface backboxes must be mounted upright for landscape orientation, or sideways for landscape orientation
  - Custom surface-mount back box is available as an accessory
- IP40 ingress rating

ELECTRICAL

- RJ45 socket supporting 10/100Base-TX Ethernet with Link and Data LEDs, and supports Static IP or DHCP addressing
- PoE powered (IEEE 802.3af, Class 2) 7 W typical draw

THERMAL

- Ambient temperature: 0°C–50°C (32°F–122°F)
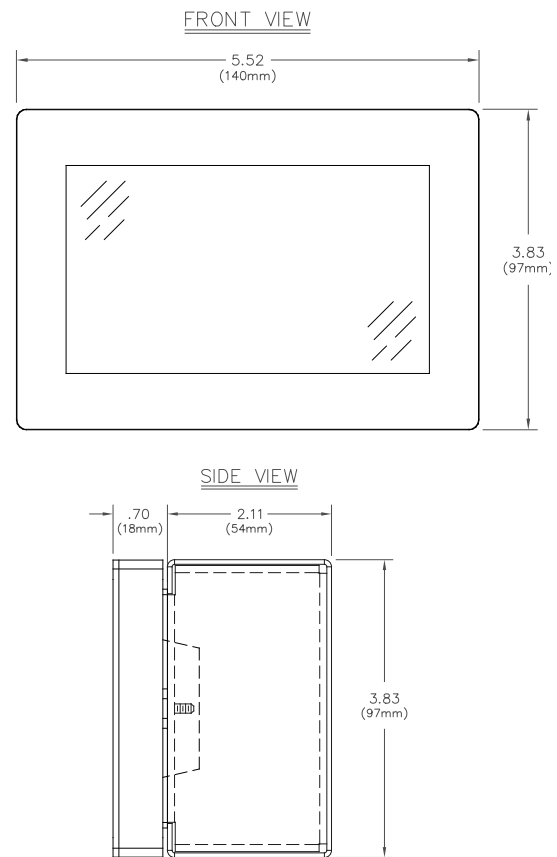- Ambient humidity: 10–95%, non-condensing

PHYSICAL

5" TOUCHSCREEN DIMENSIONS†

MODEL	HEIGHT		WIDTH		DEPTH	
	in	mm	in	mm	in	mm
M-TS5	3.83	97	5.52	140	0.7	18
M-TS5 w/ SBB	3.83	97	5.52	140	2.8	71

5" TOUCHSCREEN WEIGHTS†

MODEL	WEIGHT		SHIPPING WEIGHT	
	lb	kg	lb	kg
M-TS5	0.57	0.26	1.07	0.52

†Weights and dimensions are typical

FRONT VIEW

5.52 (140mm)

3.83 (97mm)

SIDE VIEW

.70 (18mm) 2.11 (54mm)

3.83 (97mm)

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