# 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
- RM = Rackmount

### 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 |

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## 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 max draw

### THERMAL

- Ambient temperature: 0°C to 50°C (32°F to 122°F)
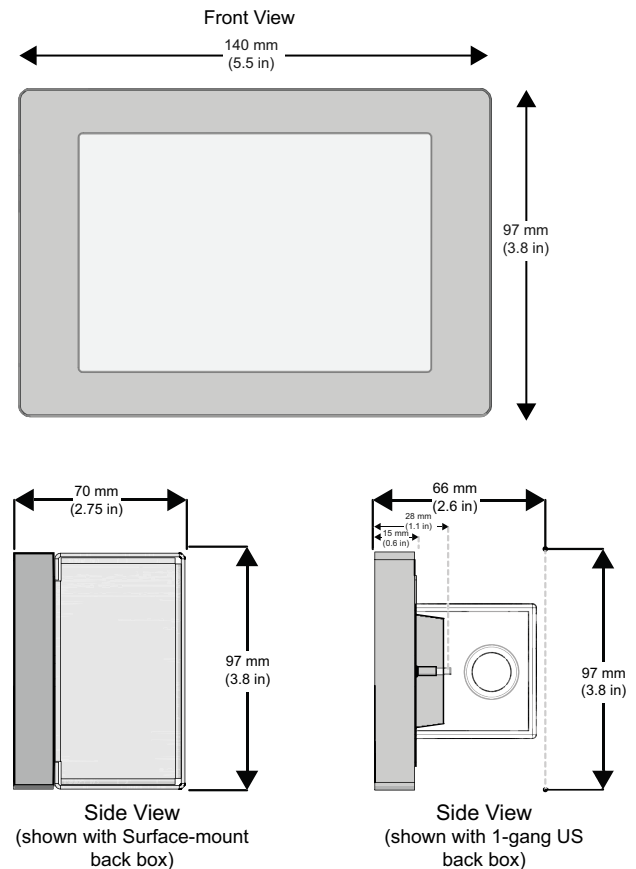- Ambient humidity: 10%–90%, non-condensing

## PHYSICAL

### 5" Touchscreen Dimensions†

| MODEL | HEIGHT | | WIDTH | | DEPTH | |
|---|---|---|---|---|---|---|
| | mm | in | mm | in | mm | in |
| M-TS5 | 97 | 3.8 | 140 | 5.5 | 28 | 1.1 |
| M-TS5 w/ SBB | 97 | 3.8 | 140 | 5.5 | 70 | 2.75 |
| M-TS5 RM | 132 | 5.21 | 483 | 19.0 | 44 | 1.74 |

### 5" Touchscreen Weights†

| MODEL | WEIGHT | | SHIPPING WEIGHT | |
|---|---|---|---|---|
| | kg | lb | kg | lb |
| M-TS5 | 0.3 | 0.6 | 0.6 | 1.1 |

†Weights and dimensions are typical

Front View

140 mm
(5.5 in)

97 mm
(3.8 in)

70 mm
(2.75 in)

97 mm
(3.8 in)

Side View
(shown with Surface-mount back box)

66 mm
(2.6 in)

28 mm
(1.1 in)

15 mm
(0.6 in)

97 mm
(3.8 in)

Side View
(shown with 1-gang US back box)

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