

MARQUEE® MIDI/SMPTE INTERFACE CARD (MQMUG) INSTALLATION & SETUP GUIDE

1. Overview

The Marquee® MIDI/SMPTE Interface Card (MQMUG) is designed for installation in the rear panel of a Marquee® Control Console. The card supports MIDI Show Control, MIDI Notes and SMPTE in and out for synchronizing cue lists and external devices.

Note: MIDI and SMPTE devices are not provided or sold by Entertainment Technology.

BEFORE INSTALLING - PLEASE READ: The MIDI/SMPTE Interface Card requires Marquee® Software Version 3.2 or later to operate. If your Marquee® Console does not have v3.2 or later, please visit the Entertainment Technology website (www.etdimming.com) and click on the Marquee® Lighting Control Software Update link. After downloading and installing the new software, you can proceed with installation of the MQMUG Card.

2. Installing MIDI/SMPTE Interface Card

Install the MIDI/SMPTE Interface Card (MQMUG) in the Marquee® console rear panel as follows:

Step 1. At MQMUG Card, check address setting on 4-position DIP Switch (**Figure 1**). Make sure an address is set on the card before final installation. (A maximum of two MQMUG Cards may be installed.)

- All switches ON = Address 1.
- Switch 1 OFF and switches 2-4 ON = Address 2.

When using *one* MQMUG Card, set the card address to 1 (factory default setting).

When using *two* MQMUG Cards, one must be set to Address 1 and the other must be set to Address 2 (in order to communicate with them independently). It does not matter which card is in which slot.



Step 2. Remove power from Marquee® console. (Failure to do so, may result in damage to the PCB cards!)

Step 3. At console rear panel, choose a slot for installation (there are two expansion slots available). Remove blank panel by removing two Phillips screws (**Figure 2**).

Step 4. As shown in **Figure 2**, remove DMX Card by loosening two captive screws and sliding out of console (do not disconnect cables).

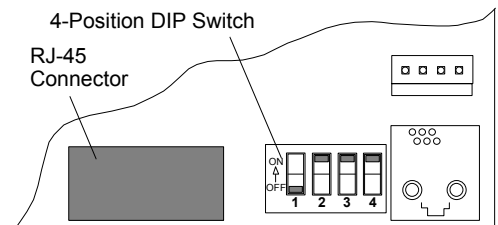


Figure 1: MQMUG Card (Top/Rear)

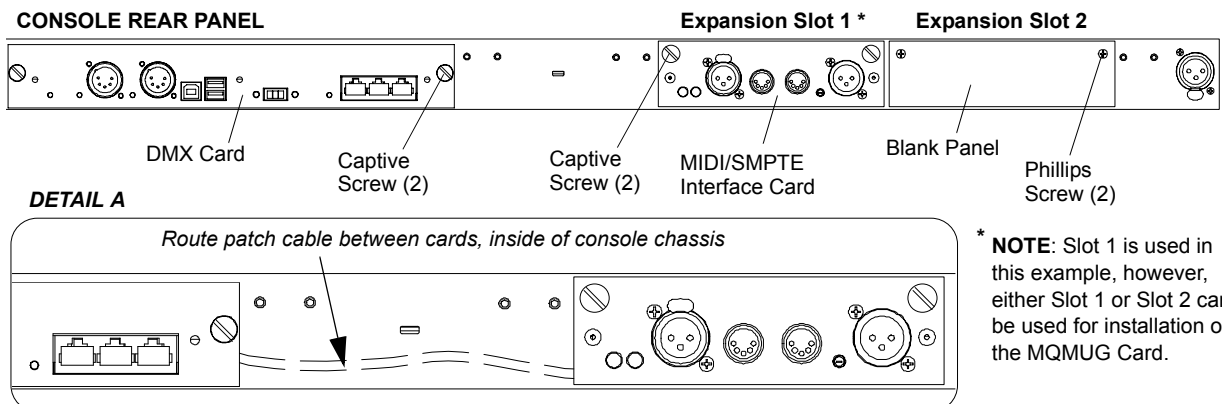


Figure 2: Installing MIDI/SMPTE Interface Card

- Step 5. Connect RJ-45 Patch Cable (supplied with MQMUG Card) to any open RJ-45 connector at rear of DMX Card (not on the front of the card).
- Step 6. Feed Patch Cable inside console chassis and route toward open expansion slot. Slide DMX Card back into its slot and secure by hand-tightening two captive screws.
- Step 7. Position MQMUG Card near expansion slot and connect remaining end of Patch Cable to either RJ-45 connector at rear of card (**Figure 1**). Insert MQMUG Card into slot and secure by hand-tightening two captive screws.

3. Connecting MIDI and SMPTE Devices

The hardware will support up to two external SMPTE interface devices and the software additionally supports four internal SMPTE clocks and the Media Player Time Code.

- MIDI devices connect using the industry standard MIDI connector (DIN 5).
- SMPTE connects using a balance line level signal through standard XLR connectors.
- A potentiometer is provided to adjust the level of the SMPTE output signal.

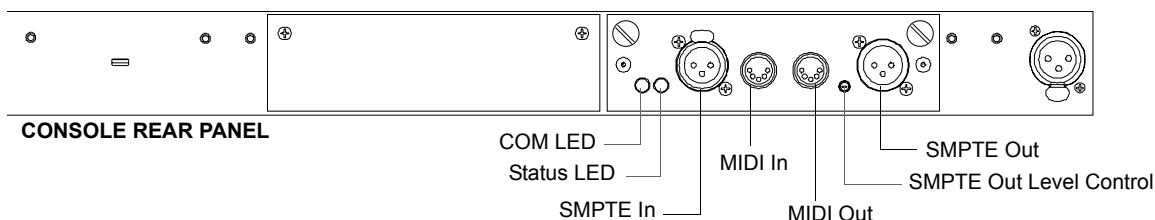


Figure 3: Connecting MIDI/SMPTE Devices

4. LED Operation

During console operation, the MIDI/SMPTE Interface Card LEDs will indicate the following conditions:

COM LED

Green Flash = No MIDI/SMPTE
 Red Flash = Transmit SMPTE
 Green/Red = Receive SMPTE

Status LED

No LED = No power
 Solid Green = Power, CPU not running
 Amber/Green Slow Flash = No communication to console
 Amber/Green Fast Flash = Connected to console

Refer to the Marquee® **Help** file for more information regarding MIDI or SMPTE operation.

5. Customer Support

For Marquee® hardware technical/customer support, please contact Entertainment Technology as follows:

1.800.223.9477 or customerservice@genlytecontrols.com

For Horizon® software technical/customer support, please contact Horizon Control Inc. as follows:

1.412.422.3100 or support@horizoncontrol.com

This product may be covered by one or more of the following U.S. Patents: #4,413,211; 4,430,576; 4,465,956; 4,733,138; 4,792,731; 4,880,950; 4,988,840; 4,992,709; 5,004,969; 5,004,969; 5,128,654; 5,153,816; 5,189,259; 5,194,858; 5,239,255; 5,239,255; 5,371,439; 5,371,444; 5,506,480; 5,636,111; 5,642,104; 5,646,490; 5,814,550; 5,821,704; 5,920,156; 5,930,126; Des. #307,578; 333,124; 435,203; 440,207; License #4482844; 5,004,969; 5,239,255; and corresponding foreign patents. Other Utility, Design and Foreign Patents Pending.

We reserve the right to change details of design, materials and finish in any way that will not alter the installed appearance or reduce function performance. Marquee® is a registered trademark of Genlyte Thomas Group LLC.

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For technical/sales assistance, call:

1-800-223-9477 or **1-214-647-7880**

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