



THE SIMPLE MARQUEE



EMBEDDED
WEB
SERVER

Digital Marquee Series



Part # DM-0213-T



Part # DM-0113-T



Part # DM-0220-T



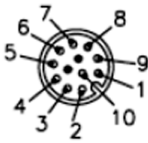
Part # DM-0420-T

Table 4—Input Connector Pinout

| Pin Number | Description | Cable Color Code |
|------------|--------------------------------------|------------------|
| 1 | Input #1 Binary Value 1 | White |
| 2 | +24 Vdc (sensor Power Supply Output) | Brown |
| 3 | Input #3 Binary Value 4 | Green |
| 4 | Input #2 Binary Value 2 | Yellow |
| 5 | Input #4 Binary Value 8 | Grey |
| 6 | Input #5 Binary Value 16 | Pink |
| 7 | Common (24 Vdc GND) | Blue |
| 8 | Input #7 Binary Value 64 | Red |
| 9 | Spare | Orange |
| 10 | Input #6 Binary Value 32 | Tan |

Table 1—Input Binary values

| Input | Binary Value |
|-------|--------------|
| 1 | 1 |
| 2 | 2 |
| 3 | 4 |
| 4 | 8 |
| 5 | 16 |
| 6 | 32 |
| 7 | 64 |



PRODUCT DESCRIPTION

The Digital Marquee Series is a simple and easy way to display messages on a marquee sign. The user can program up to 128 canned messages into the marquee and use binary inputs to call up the selected message on the marquee. This binary input can come from any digital source such as plc outputs or thumbwheel switch. The Digital Marquee has a built in web server, eliminating the need to install software to program the marquee sign. Setup of the display is as simple as opening a web browser on your computer and entering the IP address of the marquee sign. The Digital Marquee allows the user to configure the messages, connect their binary source, and begin displaying messages based upon the binary value. With no software to install, canned messages, and digital inputs, the Digital Marquee Series is the simplest way to display messages on a marquee.

PRODUCT FEATURES

- **NO SOFTWARE TO INSTALL!** Web based setup
- 128 message storage capability in the marquee sign
- Digital inputs (binary) to select message
- Ethernet port for connection with PC
- Network configured over ethernet or IR programmer
- Time/Date settings and configuration over ethernet
- Backup and restore configuration of the marquee sign

PRODUCT SPECIFICATIONS

- 1, 2 and 4 line alphanumeric display
- 13 and 20 tri-color LED character width
- Operating temperature 0-55 C
- 100,000 hour rated LED life
- Metal housing; NEMA 1
- Hand held IR programmer
- 120 VAC power; 24 VDC (1 line model)

With proper authorization, the user can enter into the marquee sign setup menu. This web page is where the user has access to the marquee configuration pages used to set up the marquee sign.

SETUP MENU

DM-0213-T Version 1.0

EDIT MARQUEE MESSAGES

CONFIGURE NETWORK

TIME/DATE SETUP

BACKUP/RESTORE CONFIGURATION

EXIT SETUP

By selecting the “Edit Marquee Messages” button, the user can set up the message text, font size, color, and functionality of the message to be displayed on the marquee sign.

MESSAGE EDIT PAGE

| MSG # | MSG TEXT | FONT | DISPLAY METHOD | COLOR | DISPLAY TIME |
|-------|-------------------------------|------|----------------|--------|--------------|
| 0 | @T@N@D | 2" | 1 | YELLOW | 2 SEC |
| 1 | CONVEYOR STOPPED | 2" | 13 | RED | 5 SEC |
| 2 | PART FAILED - PLEASE RETEST | 2" | 7 | RED | 2 SEC |
| 3 | SERVO MOTOR # 7 FAULTED | 2" | 5 | GREEN | 2 SEC |
| 4 | SAFETY DOOR # 5 OPEN | 2" | 1 | YELLOW | 2 SEC |
| 5 | HIGH TEMP ALARM | 4" | 37 | RED | 5 SEC |
| 6 | PROCESS FINISHED, INDEX PART | 2" | 1 | RED | 2 SEC |
| 7 | CYCLE STARTED | 2" | 23 | GREEN | 2 SEC |
| 8 | CAUTION : MACHINE IN JOG MODE | 2" | 1 | YELLOW | 2 SEC |
| 9 | MESSAGE #9 | 2" | 43 | RANDOM | 10 SEC |

APPLY CHANGES

MESSAGES 10-19

MESSAGES 20-29

MESSAGES 30-39

MESSAGES 40-49

MESSAGES 50-59

MESSAGES 60-69

MESSAGES 70-79

MESSAGES 80-89

MESSAGES 90-99

MESSAGES 100-109

MESSAGES 110-119

MESSAGES 120-127

MARQUEE SETUP MENU

By selecting the “Configure Network” button, the user can set the IP address and network settings for the marquee sign. The user ID and Password can also be changed from this page.

ETHERNET CONFIGURATION

MAIN PAGE TITLE : MAIN DISPLAY PAGE

MAIN PAGE REFRESH RATE 1 Sec

NETWORK SETTINGS

| | |
|-----------------|-----------------|
| IP ADDRESS | 192.168.001.200 |
| SUBNET MASK | 255.255.255.000 |
| DEFAULT GATEWAY | 000.000.000.000 |
| WEB USER ID | admin |
| WEB PASSWORD | admin |

BROADCAST MESSAGE ON NETWORK :

RECIEVE NETWORK BROADCAST MESSAGES :

APPLY CHANGES

MARQUEE SETUP MENU

By selecting the “Time/Date Setup” button, the user can set the time and date for the marquee sign. The format of the time and date and selecting network time synchronization are entered here.

TIME SYSTEM CONFIGURATION

TIME 14:29:49 24 HOUR FORMAT HH:MM:SS

DATE 04/10/08 FORMAT MM/DD/YY

SET TIME/DATE

TIME AND DATE DISPLAY FORMAT

| | |
|---------------------|--------------|
| TIME | DATE |
| 12-HOUR HH:MM AM/PM | MMM DD, YYYY |

ALLOW NETWORK TIME SYNC.

USE AS MASTER CLOCK (BROADCASTS TIME)

BROADCAST TIME EVERY 1 MINUTES

Apply Settings

RETURN TO SETUP MENU

| PART NUMBER MODEL (*) | DIMENSIONS (W x H x D) | WEIGHT |
|--|------------------------|-----------|
| DM-0113-T (1 line, 13 character, tricolor) | 26.0" x 4.5" x 1.75" | 2.8 LBS. |
| DM-0213-T (2 line, 13 character, tricolor) | 25.5" x 6.25" x 3.75" | 10.8 LBS. |
| DM-0220-T (2 line, 20 character, tricolor) | 39.75" x 6.25" x 3.75" | 17.9 LBS. |
| DM-0420-T (4 line, 20 character, tricolor) | 39.75" x 11.0" x 3.75" | 26.2 LBS. |

(*) Double sided models available