

# MegaDot Indoor Display

## Mass Notification Device



Audio/Visual Devices

### General

The MegaDot Display offers message clarity from a 200 ft. (61 m) distance allowing you to visually connect with your employees or customers. Our unique, built-in louver system eliminates glare to accentuate your message. Designed for outstanding visual impact, the MegaDot uses 4 in. (10.2 cm) tall characters for dazzling, moving color messages you know everyone will notice.

### Standard Features

- Simple point-to-point RS232 communications
- Multi-drop RS 485 connections
- Character Size: 4.0" (10.2 cm)
- One year USA factory warranty
- 5 operating speeds
- Stores and displays over 80 messages
- 8 colors and 3 rainbow effects
- Create your own graphics and logos
- 6 character fonts
- Keyboard programmable from 30' (9.1 m)
- Optional Ethernet LAN connections

### Specifications

**Case dimensions (with power supply):** 49.0"L x 4.25"D x 6.25"H (124.5 cmL x 10.8 cmD x 16.0 cmH)

**Approximate weight:** 12.25 lbs. (5.6 kg)

**Display dimensions:** 45.6"L x 4.0"H (115.8 cmL x 10.2 cmH)

**Display Array:** 80 x 7 pixels

**Characters displayed in one-line (minimum):** 13 minimum/typical - 22 condensed rotate mode

**Display memory:** 28,000 characters

**Pixel size (Diameter):** 0.35" (.89 cm)

**Pixel (LED) Color:** 8 bright colors and 3 rainbow effects

**Center-to-Center Pixel Spacing (Pitch):** 0.57" (1.45 cm)

**Character Size:** 4.0" (10.2cm)

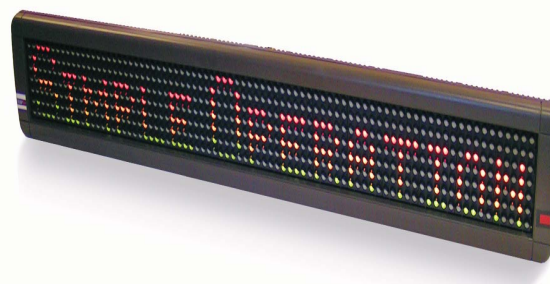
**Character Set:** Block (sans serif), decorative (serif), upper/lower case, slim/wide

**Memory Retention:** 2 weeks

**Message Capacity:** 80 different messages can be stored and displayed

#### Message Operating Modes:

- 26 consisting of Automode, Hold, Interlock, Roll (6 directions) Rotate, Sparkle-On, Twinkle, Spray-On, Slide-Across, Switch, Wipe (6 directions) Starburst, Slash, Snow, Scroll Condensed Rotate
- Continuous message entry with automatic centering in any mode
- User-programmable logos and graphics
- 5 hold speeds



**Built-in Animations:** Cherry Bomb Exploding, Don't Drink and Drive, Fireworks, Slot Machine, No Smoking, Running Animal, Moving Auto, Welcome and Thank You

**Real-Time Clock:** Date and time, 12 or 24 hour format, maintains accurate time without power for up to 14 days typical

**Serial Computer Interface:** RS232 and RS485 (multi-drop networking for up to 255 displays)

**Power:** 120 VAC or 230 VAC

**Power Cord Length:** 10 ft. (3m)

**Keyboard:** Handheld, infrared, 54 key layout

**Case Material:** Injected molded

**Limited Warranty:** One-year parts and labor, factory servicing

**Operating Temperature:** 32° to 120°F, 0° to 50°C

**Humidity Range:** 0% to 95% non-condensing

**Mounting:** Hardware to accommodate ceiling, wall, and counter mounting

### Agency Approvals

The listings and approvals below apply to the MegaDot Indoor Display. In some cases, certain modules may not be listed by certain approval agencies, or listing may be in process. Consult factory for latest listing status.

- ETL conforms to EN60950 / IEC950 standards.
- Complies with part 15 of the FCC rules
- Not evaluated for use with FACP

### Ordering Information

**MEGADOT:** Programmable LED array, 4.0" x 45.6" (10.16 cm x 115.82 cm) display

**MNS-CONTROL8:** FACP Interface for LED arrays, 8 messages

**MNS-CONTROL16:** FACP Interface for LED arrays, 16 messages

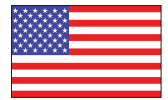
**MNS-CABLE:** RS 485 connector cable for MNS-Control, 12"

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We try to keep our product information up-to-date and accurate.  
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All specifications are subject to change without notice.



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