

SWARCO

McCain EXTINGUISHABLE MESSAGE SIGNS



The McCain Extinguishable Message Sign (EMS) provides a clearly visible fixed message to motorists. Strategically placed, this sign improves safety by providing motorists with pertinent roadside information or warnings. Common EMS applications include safety information near airports, data on carpool lanes or toll roads, radio frequencies for advisory stations, and general traffic alerts. SWARCO McCain's EMS signs are the perfect addition to your Intelligent Transportation System (ITS) and can improve traffic flow and safety in your jurisdiction.



KEY BENEFITS

- Automatic dimming responds to ambient light minimizing nighttime glare and reducing energy consumption
- Dual access doors are easy to open and fully seal with the same flange design as standard traffic cabinets
- Standard assemblies and LEDs assure easy maintenance
- Large size can accommodate standard and custom messages
- 16 mm pixel pitch

PRODUCT DESCRIPTION

The McCain Extinguishable Message Sign is available in standard and custom messages and can accommodate three lines of text.

The sign's message, illuminated with amber Aluminum Indium Gallium Phosphide (AlInGaP) LEDs, features automatic dimming that adjusts to ambient light.

The McCain Extinguishable Message Sign is traditionally powder coated black, making it an aesthetically pleasing addition to your roadways. The housing is also available in other finishes²

Built to SWARCO McCain's high quality standards, the sign will withstand wide ranges of temperature and humidity as well as winds and other harsh weather conditions. When used as a component of your overall ITS, the EMS sign will increase overall roadside safety while keeping down costs and saving power.

McCain EXTINGUISHABLE MESSAGE SIGN

STANDARD FEATURES

- Available in standard and custom messages
- Gas springs firmly hold door in open position
- Automatic dimming adjusts to ambient light level
- Adjustable flashing option is standard
- Sign can be controlled either by one 120 VAC power/control line or two separate 120 VAC lines, power and control
- Message is clearly visible when turned on and concealed when powered off
- Can withstand temperatures ranging from -37° C to 74° C and humidity from 0 to 95%³
- All control circuit board assemblies FR4, conformal coated

ASSEMBLIES AND COMPONENTS

- Message panels (2)
- LED driver board⁴
- LED interface board⁵
- Photocell
- Relays⁶
- Field terminal block
- Solid state power supply

OPTIONS

- Solar powered
- Wireless control
- Compact housing options (24" x 50")

GENERAL SPECIFICATIONS

Housing:	Dimensions: 96" L x 48" H x 7.5" D Material: 5052-H32 aluminum, 0.125" thick Finish: Black powder coat ⁷
Access:	Frame and panels: aluminum
Latching System:	Southco Compression Latch
Display Type:	Highway Gothic series B, C, D, E & EM Federal Hwy 2000 series B to EM Clearview Hwy series 1-W to 6-W Custom fonts available City logos and state shields available Height: 8" (typical) Capacity: Depends on font style & width
Character:	Varies based on sign type
Viewing Angle:	B6 30 degree or B7 60 degree
Supply Type:	120VAC / 60Hz 1Ph
Power Consumption:	Maximum: 100 W ⁸ Typical: 80 W
Weight:	Varies on message

¹Two lines, approx. nine characters

²See options on back

³Non-condensing

⁴Two-four, varies per message

⁵Dimmer

⁶Two, EMS control & dim test

⁷Custom colors available

⁸Varies per message