

# AMPLIFIER & SIREN DRIVER UNIT



## AMPLIFIER & SIREN DRIVER UNIT

A compact, dual voltage 100W siren unit that can either operate as an independent unit or be connected with another compact MCS-SSA siren device to create a synchronized tone.

- 12 VDC and 24 VDC operation
- Interconnects to related products via proprietary CAN Bus
- Can be operated from an input or compatible multi-way switch
- Hands-Free operation via the HRT (Horn Ring Transfer) feature enables scrolling through pre-selected siren tones
- Selectable siren sounds with Air/Bull horn option
- Siren active output (ideal as Data Recorder Input)
- On Board status LED's
- Supports 8 and 11 OHM speakers
- City Mode volume reduction feature
- Workshop mode volume suppression feature for testing



## DESCRIPTION

**The MCS-SE can also be linked with another MCS-SE siren device to create a synchronized sound effect from one vehicle when used with one of the following devices:**

- MCS-32 Universal Controller
- MCS-16 Universal Controller
- MCS-8 Universal Controller

### System Functions and Features:

- Tones from each unit will be synchronized
- Dual 100W siren outputs via two separate 100W speakers

### Maximum Ratings:

- 34 VDC supply voltage
- Current Draw 15 Amps
- 4 Milliamps typical standby current-switch de-activated
- 22 Milliamps typical standby current-switch activated
- 35 Milliamps maximum standby current-switch activated
- -20 C to 70 C standby temperature
- -20 C to 65 C operating temperature

### Digital Inputs:

- 1 x Positive/Negative switched
- 1 x Positive switched (HRT, Airhorn)
- 1 x Negative switched (HRT, Airhorn)

### Analog Monitoring:

- Incoming system voltage sense
- Internal temperature monitor
- Siren system's current monitor

### Outputs:

- 100W Siren speaker output 8 or 11 OHM selectable

### Communication:

- 1 x CAN Bus 2.0 full-speed interface