

bluePRINT 500 Series Control System

All-in-one, scalable, flexible, and fully customizable lighting and siren control system.



FEATURES

bluePRINT Built-In Functionality

- Scalable architecture allows for up to 70 outputs, 48 wired inputs and 24 CAN inputs
- Fully customizable with the matrix system allowing for conditional IF/AND/OR variables
- Allows for the control of two different lightbars without the need for external breakout boxes
- Additional lightbars can be controlled via the breakout box method
- Real-time diagnostics and one-click firmware updates
- Ignition-off timers and load shed on a per output basis
- Programmable using a USB-B cable

I/O Capability

- 20 outputs – including 15 solid-state outputs for flashing functions and five relay-driven outputs for peripheral devices
- All outputs are either protected by self shutdown (solid-state) or fused (relay)
- The maximum switching current is 75 amps as a standalone system—325 amps or switching power when fully expanded

Additional

- bluePRINT Announce pre-recorded message playback
- Built-in siren amplifiers – available in 100 or 200 watt versions
- Offers true dual-tone sound with the 200 watt variant
- Mechanical siren tones
- Multiple control panel support
- Multiple PA microphone inputs

REMOTE



Knob option shown

BUTTON

- 100 Watt **ENGSA5100RSP**
- 200 Watt **ENGSA5200RSP**

KNOB

- 100 Watt **ENGSA5100RSR**
- 200 Watt **ENGSA5200RSR**

CONSOLE



Button option shown

BUTTON

- 100 Watt **ENGSA5100CSP**
- 200 Watt **ENGSA5200CSP**

KNOB

- 100 Watt **ENGSA5100CSR**
- 200 Watt **ENGSA5200CSR**

HANDHELD



- 100 Watt **ENGSA5100HPP**
- 200 Watt **ENGSA5200HPP**

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SPECIFICATIONS

Voltage	10-16 VDC
Watts	100 and 200 Watts (2 speakers required with the 200 watt version)
Operating Temperature	-40° C to + 65° C / -40° F to +149° F
Certifications	SAE J1849 CA Title 13 sound levels when used with SoundOff Signal speakers
Warranty	Five year
Amplifier Dimensions	7" L x 2.63" H x 7" D
Control Panel Dimensions	7.2" L x 3.6" H x 2.1" D
Handheld Control Dimensions	2.5" L x 5" H x 1" D

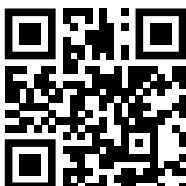
Consider adding bluePRINT Sync[®] for added safety and true warning system coordination between vehicles.

- Reduce distractions and chaos of multiple, random flashing lights
- Improve work area visibility
- Enhance professional image
- And more

Part Number: ENGSYMD01



bluePRINT Sync Module



Scan to order
or learn more

CONTACT

Toll free 800.338.7337
Direct 616.896.7100
soundoffsignal.com

PO Box 206
Hudsonville, MI 49426
customerservice@soundoffsignal.com