

8000 Series Siren

The 8000 series is a modular approach to siren & lightbar control.

8000 Series



Power module

Dimensions:
208mm x 163mm
Depth: 47mm
Weight: 800g



All amplifiers

Features:

- Standby current meets automotive standard of less than 0.3 milliamps.
- Low current Master Switch.
- Custom designed heat sink assembly.
- All models can drive 2 x 100 Watt loudspeakers over full temperature range.
- Siren Running Output with current monitor facility.
- Battery voltage monitor and shutdown.
- Output power reduction to reduce power to loudspeaker.
- High speed fan with controller.
- Self resetting circuit fuses.
- Faster short circuit performance.
- More robust construction.
- Relay output.
- Sidelights input.

Benefits:

Will not flatten battery, even over extended periods.
Economical switch can be used to disable system if desired.
Superior performance in tropical conditions.
Single model for standard (T) and High Power (H) applications.
Connects straight to Data Logger where required.
For added dependability, output is only present when loudspeaker operational.
Prevents operation of amplifier when battery voltage goes too high or too low.
12 volt amplifier will not be damaged if connected to 24 volts.
Avoids damage to loudspeaker when voltage rises due to fast charge or in the event of regulator malfunction.
Variable fan speed dependent on operating conditions.
Reduced down time for maintenance.
Greater protection for output transistors.
Control of one external function with simple addition of one relay.

Basic amplifiers, 8004

Features:

- Run Input.

Benefits:

- Universally compatible with alternative switching systems

Amplifiers with audio facility, 8005

Features:

- Same amplifier for all applications.
- State of the art Digital Signal Processor (DSP).
- Digital audio amplifier.
- CANBUS
- Noise cancelling electret condenser microphone.
- 20 second speech record facility.
- Two auxiliary audio inputs.

Available with 7000/8000 amplifier conversion loom.
Reduced stock. Flexibility to change or add to system.
Low frequencies prevented which could damage loudspeaker.
Better sound reproduction.
Clearer audio in Public Address mode under noisy conditions.
Standard in all amplifiers (use dependent on Control Panel).
Allows for multiple inputs on same application e.g. Broadcast Radio, Two way radio, MP3 player, Cassette player etc.
Voltage, temperature and fault information available on suitable Control Panel.

Diagnostics