



SMD 0801 SIREN DEVICE (WIRED – HAND CONTROLLED)



TECHNICAL SPECIFICATIONS

Operating Voltage	10VDC - 30VDC
Nominal Voltage	12VDC / 24VDC
Current Consumption	0 - 7A
Siren Frequency Range	759 – 1592 Hz (Adjustable according to system software)
System Frequency Response	300 - 3400Hz.
Mode Cycle Speed	Wail: 695 – 1640 Hz, Yelp: 695 – 1640 Hz, Horn: 500 – 750 Hz, Phaser: 695 – 1640 Hz, Mix: Combined of tones
Sound Power	100W-120W
Load Impedance	11Ω
Aux Input	Available (Allows wireless device connection)
Special Features	Audio inputs/outputs, USB external charging, microphone input, LED simulation, system configuration, Siren: 100W (11Ω), Announcement: 50W (11Ω)
Interface	Wired control + Lamp simulation + Microphone jack
Cable Length	Spiral connection cable
Mounting Type	Patented aluminum housing + quick connector system
Length	160mm
Width	105mm
Height	55mm
Weight	1490gr
Protection Class	Short circuit / reverse polarity protection, speaker protection, siren block
Approvals / Certifications	SAE J1849 EVS1/EVS2, EN 300-440-2, ECE R10
Operating Temperature	-30°C ile +65°C
Warranty Period	2 years
Applications	Police, Gendarmerie, Ambulance, Fire Brigade, Airports, Municipality, Highways, Private Service, Official Vehicles and Tow Trucks

ADVANTAGES

Ergonomic compatibility with all vehicles thanks to ZER's patented aluminum siren device housing

- Siren activation at different frequencies and lamp control via hand-held controller
- Easy monitoring of active lightbar flash mode through simulation LEDs on the controller
- Safe operation ensured by high-current protected switches
- Advanced functionality provided by microcontroller-based digital control mechanism
- Manual siren control via microphone trigger
- Independent volume adjustment for announcement and external signals
- Early intervention enabled by battery voltage level warning
- System integrity preserved through horn activation and speaker protection features
- Quick installation and easy maintenance thanks to detachable spiral cable and connector structure
- Automatic Voltage Protection: The device automatically protects itself at 10.5 VDC-17VDC for 12VDC devices, and 17VDC-30VDC for 24VDC devices.

