



MSA 1501 MOTORCYCLE SIREN SYSTEM



TECHNICAL SPECIFICATIONS

Operating Voltage	10.5VDC – 15 VDC
Nominal Voltage	12VDC
Current Consumption	0-7A
Siren Frequency Range	500 – 1650Hz (Adjustable according to system software)
System Frequency Response	300-3400 Hz.
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	50-80W RMS
Load Impedance	11Ω
Aux Input	External input with adjustable signal level
Special Features	Handlebar-mountable control unit, electronic circuit converting the motorcycle horn button into siren horn sound
Interface	Wired control + Control simulation + Microphone jack
Cable Length	Spiral connection cable
Mounting Type	Patented aluminum enclosure + easy connector system
Length	Siren: 150mm, Kumanda ünitesi: 74mm
Width	Siren: 105mm, Kumanda ünitesi: 40mm
Height	Siren: 58mm, Kumanda ünitesi: 20mm
Weight	1.600g
Protection Class	Short circuit and reverse polarity protection, speaker protection, siren lockout, IP65
Approvals / Certifications	SAE J1849 EVS1/EVS2, EN 300-440-2, ECE R10, IP65
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

- Multi-mode light control capability with built-in LED driver using PWM technology
- External signal input connection for announcements
- Light control via relays resistant to high current
- Protection system to safeguard the system and battery during high/low voltage conditions
- Announcement capability with waterproof microphone connected to the siren unit
- Fully digital, microcontroller-based control
- Easy-detach, easy-install connectors
- 6 Siren Tones: Slow, Fast, Very Fast, HI-LO, Manual (Hand), Horn siren activation capability
- Lamp mode switching and selected siren tone control via waterproof control unit
- System on/off control via waterproof switches and automatic activation of warning lights
- Horn switching function: siren horn when the siren system is active, motorcycle horn when the siren system is inactive
- Ability to disable motorcycle rear warning lights via mode change button on the waterproof control unit
- The main control unit contains siren, announcement and light control circuits and serves as the system's core
- The handlebar-mounted control unit allows control of all functions
- The system includes electronic circuits that convert the motorcycle horn button into siren horn sound when activated

