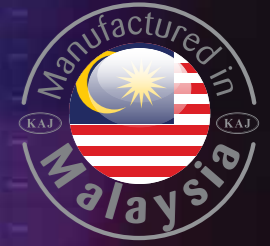




# LIGHTBARS

EMERGENCY VEHICLE WARNING SYSTEMS



**I AM THE RESCUE**



**KAJ** Kejuruteraan Asas Jaya Sdn Bhd (562440-W)

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40000 Shah Alam, Selangor. Tel : 603-5192 2913 Fax : 603-5192 9913  
MELAKA : No.60 & 60-1, Jalan TU 42, Taman Tasik Utama, 75450 Ayer Keroh, Melaka.  
Tel : 606-232 6913 Fax : 606-233 2833  
JOHOR : No.12, 12-02, Jalan Tun Abdul Razak, Susur 1/1, 80000 Johor Bahru, Johor.  
Tel : 607-226 9133 Fax : 607-278 3983

Authorised Distributor :

**There is NO second chance!**

## SERIES 20 LIGHTBARS



### Features and benefits:

- Two levels of lighting options using Rotator, Strobe or Halogen
- Weather-proof housing
- Siren option using 100 watt centre mounted speaker
- Hazard's unique Staggered Rotator System provides maximum vehicle side warning
- Synchronised Rotators available on request
- LED now available
- Capable of utilising Cleversector™ (12V only) technology (combination takedown, intersection and alley light)

### Construction:

- Two level design gives unobstructed light output
- Unique body hugging shape allows extra lighting without adding to height
- Hinged top lens allows easy access
- Plug in wiring harness enables easy installation and replacement if damaged
- Aluminium centre chassis enhancing the monocoque (single shell) polycarbonate construction creating a stable design at high speeds and in harsh environments
- Height (centre) 130mm Width (centre) 305mm
- Lengths available: 810, 1070, 1200, 1330, 1460, 1590, 1720, 1850 and 1980mm

### Electrical:

- Units available in 12 or 24 volt
- May be controlled by conventional switches, relays or an integrated siren/amplifier switch (such as 809-001)



## SERIES 15 LIGHTBARS

### Features and benefits:

- Low profile unit with aerodynamic efficiency and unobtrusive styling
- Low current draw (approximately 20% of a standard lightbar – a standard 12 volt rotator draws 5 Amps, an LED module draws 0.2 Amps)
- Long service life due to LED technology and no moving parts
- LEDs rated to 100,000 hours of operation
- Solid state encapsulated electronics
- Weather-proof housing
- 360 degrees light output with increased vertical dispersion at peak output
- Meets strict European EMC directives
- \*5 year warranty on LED components

### Construction:

- Polycarbonate lens with aluminium extrusion for strength and durability
- Plug in wiring harness for easy installation
- Unique mounting allows for a neat fit to the roof of the vehicle
- Height (centre) 53mm Width (centre) 305mm
- Lengths: 460, 590, 720, 850, 980, 1110, 1240, 1370, 1500, 1630, 1760 and 1890mm

### Electrical:

- Units available in 12 or 24 volt
- May be controlled by conventional switches, relays or an integrated siren/amplifier switch (such as 809-001)



## SIREN AMPLIFIERS & SPEAKERS

### Control Head / Microphone Features:

- Integrated Microphone Control Head
- Backlit, illuminated buttons
- Adjustable Public Address Volume • Easy to use, low-clutter button layout
- High Quality Construction • 1,2,3 Progressive warning level buttons
- Rubberised 'Soft-Touch' Handpiece • 'Hands-Free' control mode
- Swivel mounting cradle
- Radio Rebroadcast Capability • Manual Wail function
- 6 channels of relay-switched lighting control with status LEDs

### Siren Amplifier Unit:

- Rugged Extruded Amplifier Housing
- Specially Designed Convective Cooling Fins
- Protected against Under-Voltage, Over-Voltage, Reverse-Polarity, Supply Transients & Output Short-Circuits
- Protected against Thermal Overload
- Available for 12V or 24V vehicles
- Designed to drive one or two 11-ohm 100-Watt siren speakers
- Up to 200W siren output power, or 400W with optional slave amplifier unit
- Wide range of supported siren tones
- SOFTSTART™ siren tones
- Vehicle Horn interface (HRT)
- Dedicated Automatic Gain Control (AGC) circuit optimises Public Address clarity



### Heavy Duty Speaker Round 100Watt (110HMS):

- Dimension : 107 x 107 x 107mm
- Weight : 2.42kg

## ROTATING BEACON



### Lens Colours available:

- RED
- BLUE
- AMBER

Available in a range of base mountings and height profiles, these beacons feature smooth and quiet belt driven rotators incorporating free-form optical reflectors to maximise beam pattern and output.

### Features:

- Polycarbonate base and twist-on lens with locking screw
- Unique free-form optics rotator modules provide high intensity light output
- 1 year warranty on rotator (bulb 90 days)
- Temp range -30°c to +50°c

### Approvals:

- SAE J845 Class 1 • IP Rating 54
- E Approved to EC R65 • CE, e

## SECURILED

Suitable for many vehicle applications including fleet, cars, delivery, refuse trucks, large vehicles, road maintenance, recovery, utilities and road safety.

### Features:

- Intensely bright 3rd generation LEDs
- Dual voltage 12/24V (10 – 30Vdc)
- Multiple beacons may be connected together to provide synchronous or alternate flash patterns
- Bracket mount version adjusts horizontally and vertically
- Ultra low power consumption
- Integral electronics – no need for separate power pack or control unit

