

GRAND[®]

An ISO 9001 : 2015 Certified Company

Emergency Vehicle Warning Products
Multicolour Red White Blue LED Lights
Highway Audio Visual Warning And Safety Products
Electronic Siren & P.A Systems
Ambulance AIS 125 Lights & Siren Systems



“44 YEARS OF INNOVATION * RELIABILITY * EXCELLENCE & TRUST”

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Ambulance LED Lights AIS 125



LED Light Bar



Ef-2 42S 4L

Length	: 1080mm	Input Voltage	: 12V DC
Width	: 275mm	Current Drain	: 3Amp
Height	: 116mm		



Ef-2 32S 4L

Length	: 790mm	Input Voltage	: 12V DC
Width	: 275mm	Current Drain	: 3Amp
Height	: 116mm		



Ef-2 24S 4L

Length	: 585mm	Input Voltage	: 12V DC
Width	: 275mm	Current Drain	: 3Amp
Height	: 116mm		



Marsvoice Series-II 4L

Length	: 1110mm	Input Voltage	: 12V DC
Width	: 270mm	Current Drain	: 2.2Amp
Height	: 115mm		

Ambulance LED Lights AIS 125

LED Flashing, Work Lights & PA Amplifier



4L
 Light Sources : Bright 4 LED's
 Colour : Red, Blue & Amber
 Inner/ Front Lens : Clear Poly Carbonate
 Back Cover : ABS White
 Size : 95x77x33mm



6L
 Light Sources : Bright 6 LED's
 Colour : Red, Blue & Amber
 Inner/ Front Lens : Clear Poly Carbonate
 Back Cover : ABS White
 Size : 95x77x33mm



9L Dual
 Light Sources : Bright 9 LED's
 Colour : Red Blue
 Inner/ Front Lens : Clear Poly Carbonate
 Back Cover : ABS White
 Size : 95x77x33mm



4L W
 Light Sources : Bright 4 LED's
 Colour : White
 Inner/ Front Lens : Clear Poly Carbonate
 Back Cover : ABS White
 Size : 95x77x33mm



Light Source : 2 LED Modules
 of 4 Bright LED'S
 in each rectangle box
 Colour : Red & Blue
 Back Cover : ABS Black
 Size : 157 x 196x82 mm

Dash Board Light



Light Source : Bright 4, 3 LED'S 3Watt
 dual each in rectangle
 body with Lens
 Colour : Multi Colour (Red & Blue)
 Inner/Front
 Lens : Clear Poly Carbonate
 Back Cover : ABS White
 LED'S : Super Bright 3 Watt

4L, 3L Slim Light



GPA 300

HORN / SIREN PADDLE SWITCH

Manual Siren : Peak and Hold Siren may be activated by
 Down Position.
 Horn : Electronic Air Horn sound activated by up
 position
 Power : 40, 60, 80W MAX
 Voltage : 12V to 13.25 V
 Impedance SPL : 111 db to 119 db (Depending upon tones
 selected) (As per AIS 125 Standards.)
 at one meter



GPA 50 BL DLX

SPECIFICATIONS

Power Output : 35 Watts @ 8Ω, 50 Watts Max at 4Ω
 Input Channels : One Mic, One Aux.
 Frequency Response : 100 Hz -10000 Hz±3dB
 S/N Ratio : 60 dB
 Speaker Output : 8 Ω
 Current Drain : 4 Amp
 Dimension : L -180 X H-53 X W -153 mm



GPA 100 USB

HORN / SIREN PADDLE SWITCH

Switch of Light Bar : 1. Light Bar On/off
 2. Mode Change of Light Bar
 * Night Mode: RWB Side Flashing only
 * Alternate Flash: Front & Back Flashing
 Side Power : 30 W
 Voltage : 12V to 13.25 V
 Current Drain : 2.5 Amp
 Impedance : 8 Ω
 USB & SD Card : For Recording & Play Back.



Pursuit Lite Amplifier

SPECIFICATIONS

Power output : 30 Watts(Max)
 Siren : Three Siren Tones
 1. Wail 2. Yelp
 Microphone : One Mic Input
 Switch : 1. One for Lights 2. One for Sirens.
 Volume Control : One Volume Control for siren / Mic. Vol.
 Dimensions : Height: 48 mm
 Width:157 mm
 Depth:125 mm





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REVOLVING & FLASHING LIGHTS



GM101M6LRWB



GM101M4L RWB



GM-103



GM-101



GM-109



GM-101 M



LED Flashing Light
31L, 4L, 6L, 9L



LED Flashing Light GM-901



LED Flashing Light GM-108



LED FLASHING LIGHT 20L



LED Flashing Light
31L, 4L, 6L, 9L



LED FLASHING LIGHT 28L



LED FLASHING LIGHT 1L4

SIREN / SPEAKER / PA AMPLIFIER



GES-30/30AL



GES - 40



30W PA



40W PA

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NEW RED WHITE BLUE SERIES

LED LIGHT BARS

3 year Warranty

Ef-2 Series : - Each Module Consists of 31 LED's with Built-in Reflectors Special Lens to increase the Light intensity of Super Bright LED's.



Ef-2 Dhanush
42s / 40s / 32s



Ef-2 30RWB
Length - 750 mm | Width - 275 mm | Height - 116 mm



Ef-2 22 M RBW
Length - 567 mm | Width - 275 mm | Height - 116 mm



Ef-2 14 M RBW
Length - 360 mm | Width - 275 mm | Height - 116 mm



Ef-2 32S RWB WM
Length - 815 mm | Width - 310 mm | Height - 160 mm



Ef-2 32S RWB
Length - 790 mm | Width - 275 mm | Height - 116 mm



Ef-2 24S RBW
Length - 585 mm | Width - 275 mm | Height - 116 mm



Ef-2 47S RWB
Length - 1200 mm | Width - 275 mm | Height - 116 mm



Ef-2 42S RWB
Length - 1080 mm | Width - 275 mm | Height - 116 mm



Ef-2 42S AA
Length - 1080 mm | Width - 275 mm | Height - 116 mm



Ef-2 Slim-10 (RR/BB)
Length - 255 mm | Width - 105 mm | Height - 85 mm

Ef-2 Slim Series : - Each Module Consists of 31 LED's with Built-in Reflectors Special Lens to increase the Light intensity of Super Bright LED's.



Ef-2 Slim-12M (RB / RWB / BB)
Length - 325 mm | Width - 105 mm | Height - 85 mm



Ef-2 Slim-32 (RB / RWB)
Length - 800 mm | Width - 105 mm | Height - 85 mm



Ef-2 Slim-40 (RB / RWB)
Length - 1015 mm | Width - 105 mm | Height - 85 mm



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Emergency Vehicle Warning Products



The Beginning.....

Celebrating 44 years of Innovation, Reliability, Excellence and Trust.

GRAND is an ever-evolving saga of success, written in Bold letters by Perfectionists always pushing past the possible. Scorching new bench marks in standardization of products, services and technology. Since inception, superlative production values stemming from **GRAND** commitment to superior quality in Emergency Vehicle Warning Products & Public Address System as well as inventiveness earned us Global Acclaim. Self imposed exacting ISO 9001 Compliant Quality Controls have inked us the distinction of being the Quality Manufacturer of Warning Products in India.

“WE BUILD PRODUCTS AS IF SOMEONE'S LIFE DEPENDS ON IT.”

IJS Electronics An ISO 9001:2015 Accredited Company was started in 1981 by S. Indarjit Singh who after 35 years of Partnership with AHUJA Set up this manufacturing Unit to Manufacture World class Public Address Systems. In 1988 Thru' Innovation, Engineering Excellence under the steward ship of his son Jaspaal Singh Chhabra the concept of Emergency Light Bars cum PA/SIREN System was launched for the first time in India. This concept was expanded to create a complete range of Emergency Vehicle Warning Products for the Police, Public Safety Departments & Ambulances. These are being Manufactured at our well-equipped 20,000 sq. ft. factories at Delhi & Noida.

GRAND is trusted by many as a keeper of other's trust. Starting from the President of India, Prime Minister Office to Cabinet Ministers, State CM's, VVIP's VIP's to Major Police/ FIRE/ Ambulance Departments of Government & Private Hospital throughout India use **GRAND** Products. These are being used by OEM's like Maruti Udyog Ltd., Hindustan Motors, Ashok Leyland, Tata Motors, Force Motors for their AIS 125 Ambulances, Police and Defense Vehicles & Royal Enfield, Hero Honda, Bajaj for Police Motorcycle Systems.

Having an Experience of More than 44 years of Innovation, Reliability and Excellence in developing new technology and in the process we hold many patents on unique designs for Light Bars, Flashing & Revolving Lights etc.

Due to the High Reliability and Excellent Manufacturing Techniques, Zero Defect/ Nil failure rate under Warranty period, we gave warranties from 1 year to 5 years depending upon the models of Light Bars/PA System.

We at **GRAND** are excited to share with you the limitless dimensions of **GRAND** Evolution through Innovation.

Our Mission:

“TO MAKE LIFE SAFER FOR THOSE WHO SAVE LIVES.”



IJS ELECTRONICS

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