

Traffic Direction

Arrow Boards	94
IONNIC Traffic Director	98
Traffic Master	100
AE850 Arrow Boards	102
M5 Matrix Display	104
IONNIC Message Alert System	106

Traffic Direction

Arrow Boards



- Complies to Australian standards and RMS FAS/5.
- High intensity LED inserts certified to AS4192:2006.
- Double sided models available.
- Simple wiring installation.
- Optional electric actuator available.
- Integrated actuator control & beacon switch.
- Compact controller with real-time display & audible lamp failure alarm.
- Low current draw.
- Multi-voltage. *Actuator is voltage specific.*

Voltage : 12–24V
Lens : Polycarbonate
Board : Powder-coated Aluminium
Warranty : 2 years, 5 years (lamps only)
Approvals : RTA FAS/5 (A & B boards only)
 Australian Standards AS4192:2006
 C Tick No. N24440, NATA Certified (lamps only)
 Australian Standards Visibility Distances for
 A Board (500m), B Board (1000m), C Board (1500m)
Operating Temperature : -10°C to 60°C
Controller Harness : 15m
Power Harness : 10m
Light Source : LED (NATA Certified Lamp)



Flash Patterns

Flashing Arrow Right



1

2

3

Flashing Arrow Left

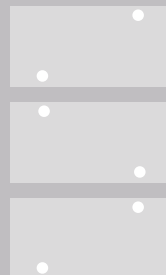


1

2

3

Corner Caution (alternates)



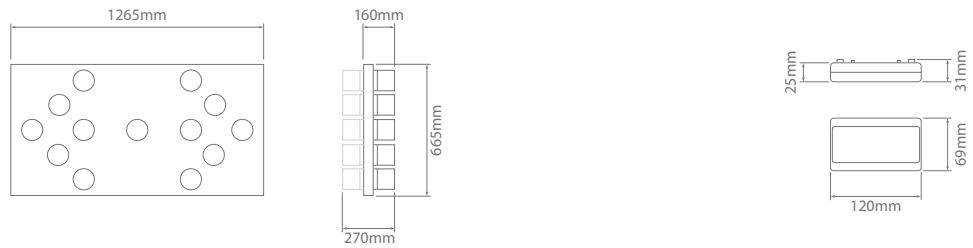
1

2

3

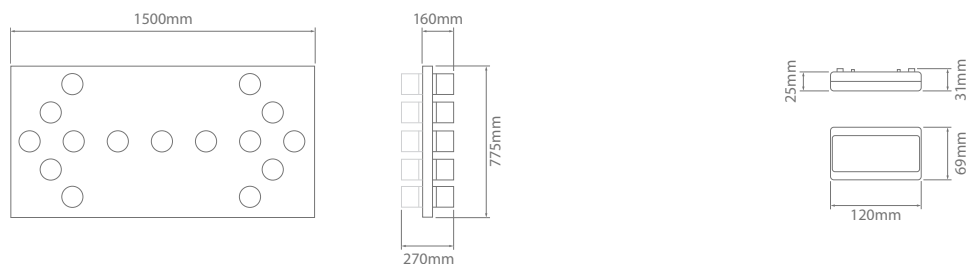
Flashing Double Arrows





A Board – 13 Lamp

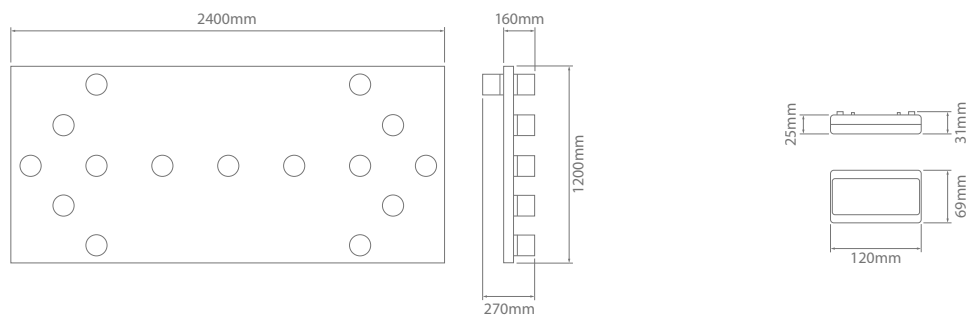
Part No.	Description	Max. Current Draw	Weight (kg)
AAB-AB	Single sided board, controller & harnesses	2.1A @ 12V	16.6
AAB-AB-DBL	Double sided board, controller & harnesses	4.2A @ 12V	18.7



B Board – 15 Lamp

Part No.	Description	Max. Current Draw	Weight (kg)
AAB-BB	Single sided board, controller & harnesses	2.5A @ 12V	21.6
AAB-BB-DBL	Double sided board, controller & harnesses	5A @ 12V	25.3

Built to order.
Lead times apply.



C Board – 15/17 Lamp

Part No.	Description	Max. Current Draw	Weight (kg)
AAB-CB	Single sided board, controller & harnesses	2.5A @ 12V	55

Supplied with 2 separate lamps for optional installation to back of board.



Traffic Direction



AAB-L0010



AAB-L0004



AAB-R0050, AAB-R0040



TA4-12V, TA4-24V



AAB-VRACK

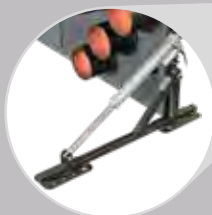
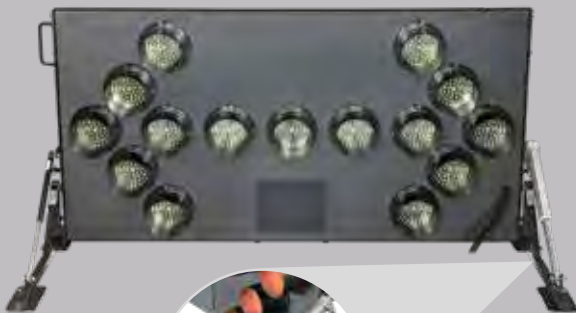


TA1-1P

Arrow Boards Spare Parts / Accessories

Part No.	Description	Suits
AAB-L0010	LED insert. 12V	All boards
AAB-L0004	LED shroud	All boards
AAB-R0050	Rack assembly including gas strut	A board
AAB-R0040	Rack assembly including gas strut	B boards
TA4-12V	Electric actuator. 12V, 5.2A, IP66	AAB-R0050 / AAB-R0040
TA4-24V	Electric actuator. 24V, 3.0A, IP66	AAB-R0050 / AAB-R0040
AAB-VRACK	Vertical rack assembly including actuator	Suits B boards – Single sided only
TA1-1P	Electric actuator. 12V, 8.0A	Suits vertical rack

Mounting Racks



Standard Rack Assembly with Electric Actuator



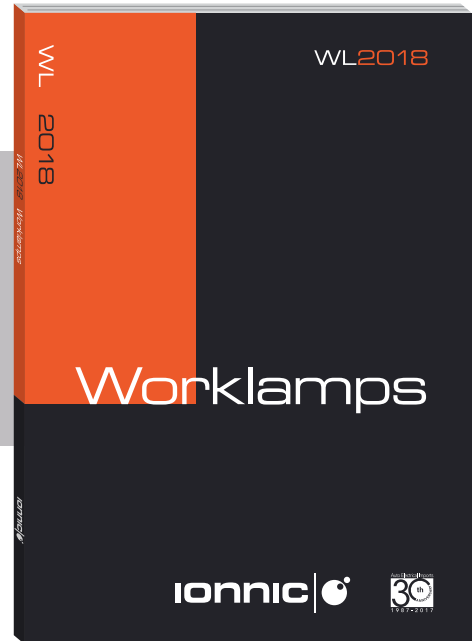
Vertical Rack Assembly

Catalogues

Lighting

- Nordic Heavy Duty LED
- Nordic General Purpose LED
- Nordic Heavy Duty HID
- Nordic Heavy Duty Halogen
- IONNIC LED
- LED Interior Lighting
- LED Workshop Lighting

Available mid 2018



IONNIC

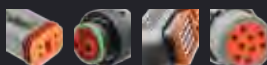
Lighting | Safety | Electrical

Electrical

Connectors



DEUTSCH



IONNIC

- DT Series
- DTM Series
- DTP Series
- DTHD Series
- HD10 Series
- HD30/HDP20 Series
- DRC Series
- Contacts & Plugs
- Deutsch Connector Tools

To get your copy visit ionnic.com



Traffic Direction

IONNIC Traffic Director

NEW



LSTA001

12V 24V ECE R10 5Yrs

- 10 epoxy sealed, high output LED modules.
- Controller shows flash patterns in real time.
- Each mode has multiple selectable flash patterns.
- Supplied with mounting brackets, controller and harness.
- End modules available in 4 colour combinations.
- Dimming function via controller.
- Epoxy encapsulated electronics for environmental & vibration protection.
- Multiple mounting options.
- LEDs rated to 100,000 hours.
- Low current draw.
- Multi-voltage.
- 5 year warranty.

Voltage :	12-24V
Max. Current Draw :	3.5A @ 12V
Lens :	Polycarbonate
Base :	Aluminium
Approvals :	ECE R10, SAE-W-07
Light Source :	LED
Controller Harness :	12m
Power Harness :	12.5m
Kit Weight :	3.6kg
Ingress Protection :	LED Modules IP67
Operating Temperature :	-40°C to 80°C

Controller Functions



The Director Pattern (DIR. PAT.) button is used in conjunction with the top 4 buttons. When one of the top four patterns is engaged, pressing the DIR. PAT. button will then cycle to the next version of that pattern. There are 8 versions of each of the four patterns.

IONNIC Traffic Director patterns can be factory locked, MOQ's required.



- 

 +  Cycles through 8 Left Arrow pattern variants
- 

 +  Cycles through 8 Right Arrow pattern variants
- 

 +  Cycles through 8 Centre Out pattern variants
- 

 +  Cycles through 8 Caution pattern variants



The END LIGHT button controls the two outer most LED modules only. When the END LIGHT pattern is engaged, the END PAT. button cycles through the 8 versions of the END LIGHT pattern.

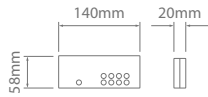
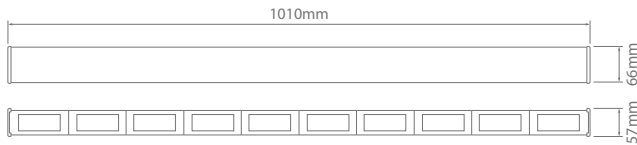
IONNIC Traffic Director patterns can be factory locked, MOQ's required.



- 

 +  Cycles through 8 End Light pattern variants

Traffic Direction



Supplied with mounting brackets, controller and harness

IONNIC Traffic Director NEW

Amber/Amber/Amber



LSTA001

Red/Amber/Blue



LSTA002

Blue/Amber/Blue



LSTA003

Green/Amber/Green



LSTA004

Supplied with mounting brackets, controller and harness.

Controller harness must not be shortened or modified.



LSTA410TP



LS-M42TA, LS-M42TB, LS-M42TG, LS-M42TR

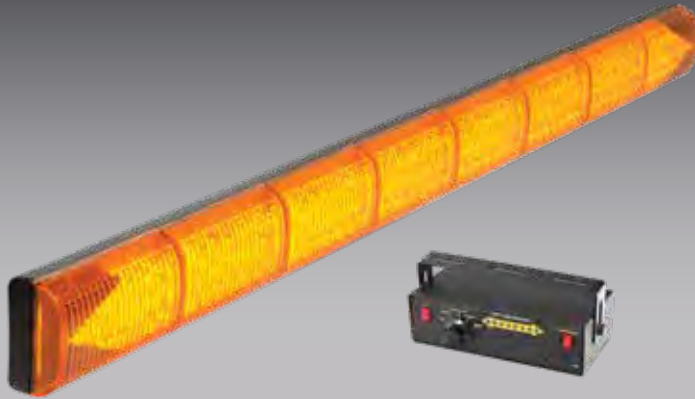
IONNIC Traffic Director Spare Parts

Part No.	Description
LSTA410TP	Controller
LS-M42TA	LED Module – Amber
LS-M42TB	LED Module – Blue
LS-M42TG	LED Module – Green
LS-M42TR	LED Module – Red



Traffic Direction

Traffic Master



12V
24V

5Yrs

- 8 sealed high output LED modules.
- Controllers shows flash pattern in real time.
- Unique reflector-cell technology focuses and aims light.
- Available in split and standard versions.
- 8 flash patterns.
- Low current draw.
- Supplied with mounting brackets, controller and harness.
- Multi-voltage.
- 5 year warranty.

Voltage : 12-24V
 Max. Current Draw : 1.2A @ 12V
 Lens : ABS
 Base : Aluminium
 Light Source : LED



Flash Patterns

Sequential Flashing Left



Sequential Flashing Right



Sequential Flashing
Centre Out



Alternate Flashing
Pattern 1



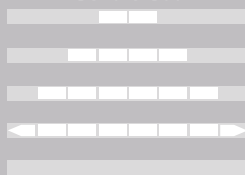
Stepping Flashing Left



Stepping Flashing Right



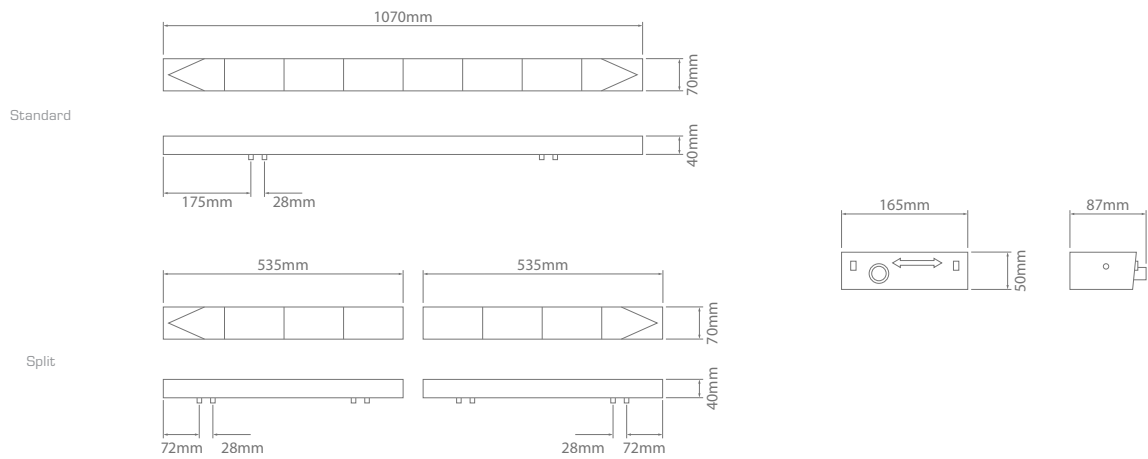
Stepping Flashing
Centre Out



Alternate Flashing
Pattern 2



Traffic Direction



Traffic Master

	Standard		Split
12m Harness	20m Harness	7.6m (x 2) Harness	
S10000	S10000/20M	S10001 NEW	

Supplied with mounting brackets, controller and harness.



ET2CBTML



PLMATMLED



PLMCTMLED

Traffic Master Spare Parts

Part No.	Description
ET2CBTML	Controller
PLMATMLED	LED Module – End
PLMCTMLED	LED Module – Centre



Traffic Direction

AE850 Arrow Boards



- Designed and manufactured in Australia.
- 10 sealed high output LED modules.
- 7 flash patterns.
- Increased reliability via solid state switching.
- Can be mounted upright or pendant.
- Low current draw.
- Supplied with controller & harness.
- 12V and 24V versions available.

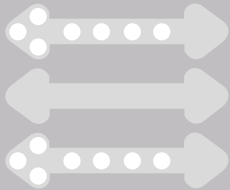
Lens :
Board :
Weight :
Light Source :

Polycarbonate
Powder-coated Steel
7.4kg
LED

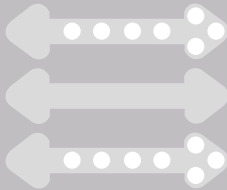


Flash Patterns

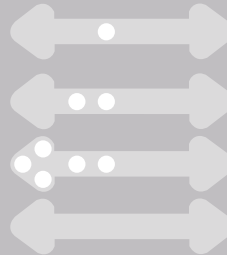
Flashing Arrow Left



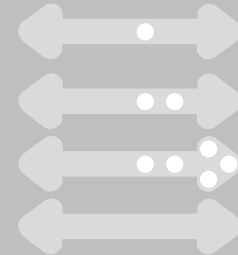
Flashing Arrow Right



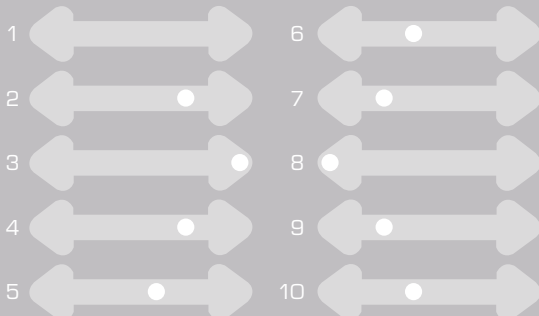
Stepping Arrow Left



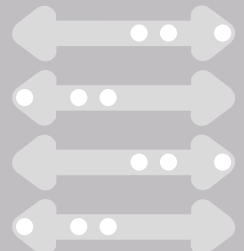
Stepping Arrow Right



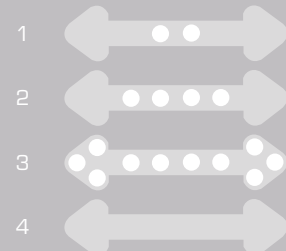
Caution Mode 1 Chasing



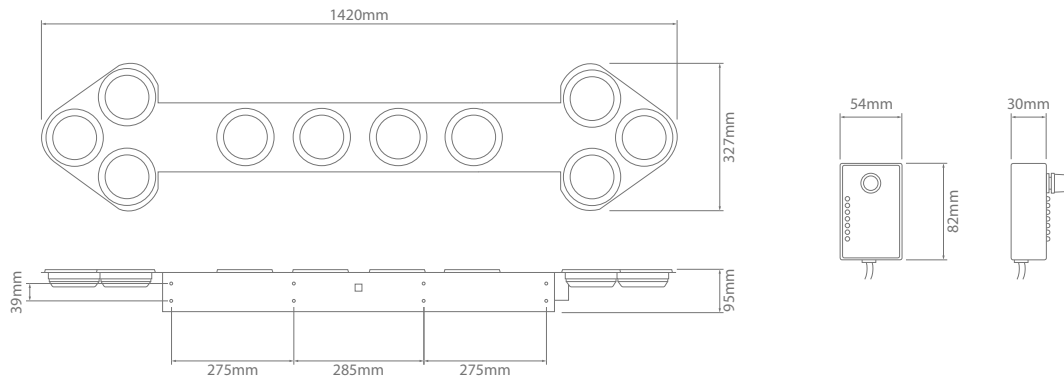
Caution Mode 2 Wig Wag



Stepping Arrow Centre Out



Traffic Direction



AE850 Arrow Boards

Voltage	Current Draw (A)	10m Harness	12m Harness	15m Harness
12V	5	AE850-LED	AE850-LED/12M	AE850-LED/15M
24V	2.5	AE850-LED/24V	AE850-LED/24V/12M	AE850-LED/24V/15M

Supplied with controller and harness.



AE850/C



S11263A-2



P5027

AE850 Spare Parts

Part No.	Description
AE850/C	Controller
S11263A-2	LED insert. 12V
P5027	Reducer. 24V-12V. 10A continuous



Traffic Direction

M5 Matrix Display



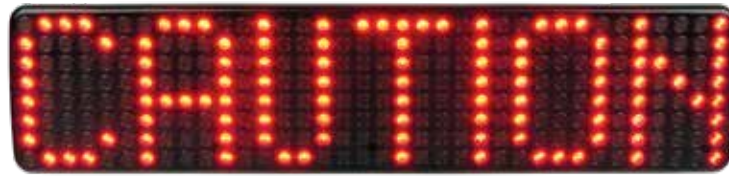
- Touch screen controller.
- Simple and easy to operate user interface.
- 2GB Micro SD card message storage.
- Up to 99 messages.
- PC software to create/edit messages.
- Easily readable from 100m.
- Auto text rotation when mounted upside-down.
- ECE R10 & C-Tick approved.
- Protected against reverse-polarity, supply transients and thermal overload.
- Multi-voltage.
- Park, ignition and remote switching inputs.
- Environmentally sealed – IP67 (display only).

Operational Voltage :	10–30V
Max. Current Draw :	2.6A @ 13.6V
Weight :	2.2kg
Light Source :	8 x 36 (288) LEDs
Controller Harness Length :	0.6m
Controller Extension Harness Length :	2.5m
Display Harness Length :	5m
Touch Screen :	Resistive
Approvals :	ECE R10 (display only), C-Tick No. N19830
Ingress Protection :	(display only) IP67
Operating Temperature :	-20°C to 65°C



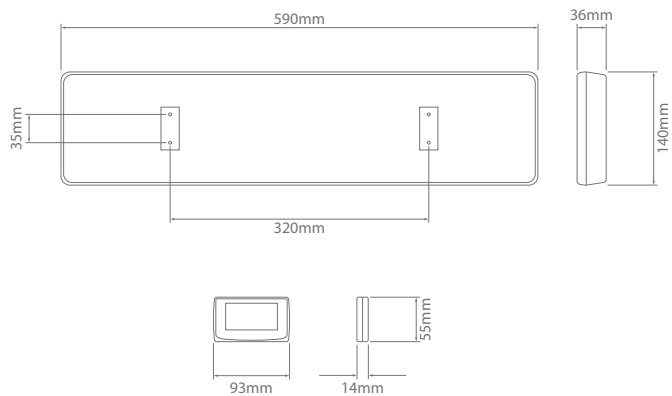
Resistive touch screen functionality

Traffic Direction



Double Sided Setup

When configured as double-sided, messages using arrows automatically reverse on the slave display, thereby assuring both displays are pointing in the same direction.



M5 Matrix Display

Master

CD0012R

Slave

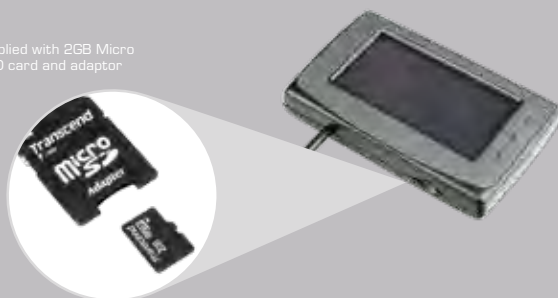
CD0012R-S1

CD0012R-S1 slave version not supplied with controller.

Programming Software

Simple user friendly PC software supplied on micro SD card. Using the M5 Message Editor software you can easily create/edit up to 99 custom messages and upload to the memory card.

Supplied with 2GB Micro SD card and adaptor



Traffic Direction

IONNIC Message Alert System

NEW



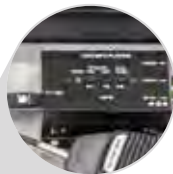
- Designed and manufactured in Australia.
- Mobile all-in-one message display, PA and LED visual alert system.
- Forward and rear facing LED Displays with up to 99 customisable messages.
- Siren/PA, touch screen message controller and Micro-Bar controls all contained in sealed heavy duty briefcase.
- MP3 player with USB input for custom PA message alerts.
- Dual battery enclosures (batteries not included).

Built to order.
Lead times apply

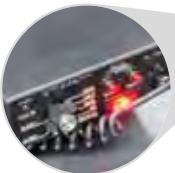


Voltage : 12V
 Frame : Powder Coated Aluminium
 Control Box Harness Length : 4m

MP3 player with USB input



100W Siren Amplifier & PA



Resistive touch screen functionality

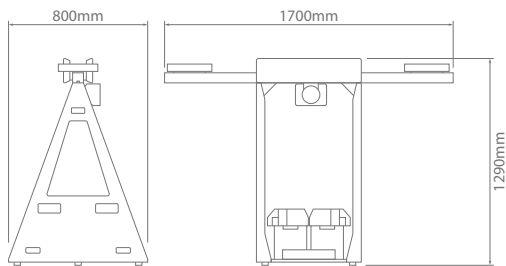


Forward & rear facing LED Displays

2 x IONNIC LED Micro-Bars



Traffic Direction



IONNIC Message Alert System NEW

Part No.

MB-1

Notes

Batteries & charger not included. Built to order, lead times apply

Setup & Utilisation Video



To see a video showing the quick setup and use of the IONNIC Message Alert System visit www.ionnic.com

