

# T e c h n i c a l   D a t a   S h e e t

## i-press Linemaster Range - Light duty footswitches

### General Description

For over 50 years customers have depended on the performance of LINEMASTER switches because they meet their demands and expectations with complete reliability and confidence. LINEMASTER designs and manufactures one of the most extensive footswitch ranges, with over 200 models used worldwide in medical, industrial and commercial applications.

The extensive Linemaster range offers the user the widest choice of foot controls, from heavy duty items suitable for press shop us, through medium duty items to the stylish lighter duty models particularly suited to the office or light assembly environment.

This document shows a selection of the standard 'Light Duty' items, however if you require something uniquely tailored to your own specification, then this is where the Linemaster products can excel.

- Special finishes and colour co-ordination
- Special materials
- Special labelling
- Connecting cables, plugs and interfaces
- Multi-pedal assemblies
- IP68 interiors



Size approx 90 x 67 x 22d

*"Universal application"*

### TREADLITE II

**UL 508 & 1054, CSA #14 & #55, EN 61058-1, CE to BS EN 60947-5-1**

IP20 as standard, IP68 available

**Classic design for general purpose use. Small in size, but with renowned performance.**

- Ergonomic low profile design
- Sheet steel construction finished black with anti-skid base pad and treadle grip.
- Twin assembly incorporates a cast aluminium base with a raised divider to help prevent actuation of both switches at the same time.
- Single stage operation
- Can be supplied pre-wired to your specification.
- Stainless steel body with IP68 sealing available
- Suitable for use with external shield (see page 3)

Format	Operation	Cat. No	Electrical Ratings
SPDT	Momentary	<b>T-91-S</b>	15A 125/250V AC, 1/2 H.P. 125/250V AC 15(3)A 250V
SPDT Each side	Momentary	<b>TWIN T-91-S</b>	



*"Universal application with higher rating"*

### HI-TREADLITE

**UL 508 & 1054, CSA #14 & #55, EN 61058-1, CE to BS EN 60947-5-1**

IP20 finger proof

**Higher rated switching interiors require a taller base section than the 'Treadlite II'**

- Similar features to the Treadlite II
- Suitable for use with external shield (see page 3)
- Approx size 90 x 67 x 35d

Format	Operation	Cat. No	Electrical Ratings
SPDT	Momentary	<b>HT-52-S</b>	20A, 125/250V AC, 1 H.P. 125/250V AC, 20(3)A 250V

# Technical Data Sheet

## i-press Linemaster Range - Light duty footswitches

### AQUILINE

UL 508 & 1054, CSA #14 & #55, EN 61058-1, CE to BS EN 60947-5-1

IP20 finger proof



Size approx 100 x 88 x 30d

*"Economy with style"*

**Designed to meet today's requirements of flexibility with economy.**

- Rust and corrosion proof reinforced polymeric construction for arduous use.
- Attractive semi-matt finish in several colours.
- Custom colour matching service available with volume orders.
- Raised ribs on the treadle combined with anti-skid base pads ensure stability in use.
- Supplied with an adjustable strain relief clamp to suit a wide range of cable sizes.
- Many alternative options available including, IP68 sealing, multiple assemblies, pre wired cable tails etc.

Format	Operation	Colours/Cat. Nos.						Electrical Ratings
		Dark Grey	Light Grey	Blue	Black	Orange	Yellow	
SPDT	Momentary	<b>971-S</b>	<b>971-SA</b>	<b>971-SB</b>	<b>971-SM*</b>	<b>971-SO</b>	<b>971-SY</b>	15A 125/250V AC, 1/2 H.P. 125/250V AC 15(3)A 250V
DPDT	Momentary	<b>974-S</b>	-	-	-	-	-	
SPDT	Maintained	<b>971-DH</b>	-	-	<b>971-DHM*</b>	-	-	

\* Supplied in die-cast housing

### COMPACT

UL 508 & 1054, CSA #14 & #55, EN 61058-1, CE to BS EN 60947-5-1

IP20 finger proof



Size approx. 73 x 64 x 33d

*"Small in size, strong in construction"*

**Small in size but built to withstand the rigours of heavy continual use.**

- Black sheet steel housing with anti-skid base pad.
- Twin assembly mounted on a cast aluminium base with a raised divider to help prevent the operation of both actuators simultaneously.
- Suitable for use with separate shields. (see page 3)

Format	Operation	Cat. No	Electrical Ratings
SPDT	Momentary	<b>491-S</b>	10A 125/250V AC, 1/2 H.P. 125/250V AC, 10(3)A 250V
SPDT	Momentary	<b>492-S</b>	20A 125/250V AC, 1 H.P. 125/250V AC, 20(3)A 250V
SPDT each side	Momentary	<b>TWIN 491-S</b>	10A 125/250V AC, 1/2 H.P. 125/250V AC, 10(3)A 250V

### GEM

UL 508 & 1054, CSA #14 & #55, EN 61058-1, CE to BS EN 60947-5-1

IP20 finger proof



Size approx. Ø97 x 33d

*"Operated from any direction"*

**A foot switch with an attractive appearance, which will suit either the office or light duty workshop environment.**

- Circular chrome plated die-cast body fitted with an anti-skid base pad.
- Central black actuator which can be operated from any angle.
- Supplied with or without a connecting cable.
- Vinyl protective cover version giving added protection against moisture and dirt available to special order.

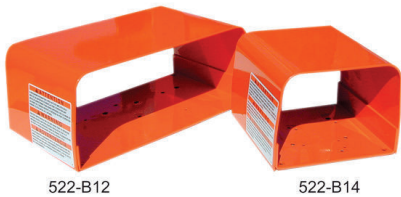
Format	Operation	Cat. No	Electrical Ratings
SPDT	Momentary	<b>GEM-V2</b>	15A 125/250V AC, 1/2 H.P. 125/250V AC, 15(3)A 250V
SPDT*	Momentary	<b>GEM-VCEA</b>	10A 125/250V AC, 1/2 H.P. 125/250V AC, 10(3)A 250V

\* Supplied with 2M of cable wired SPST - N/O & earth

# Technical Data Sheet

## i-press Linemaster Range - Light duty footswitches

### LOOSE SHIELDS



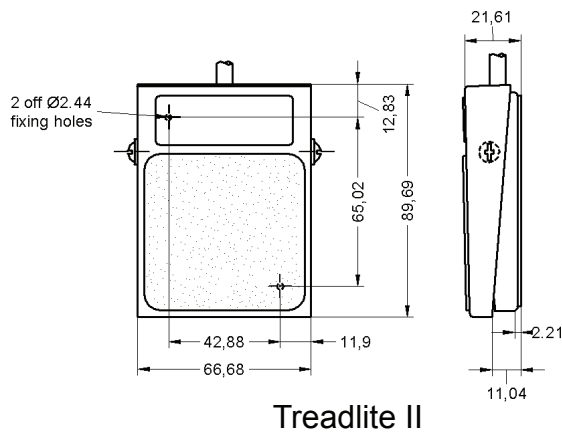
Size approx. Single 178 x 153 x 114d  
Twin 178 x 280 x 114d

Format	Cat. No
Single	<b>522-B14</b>
Twin	<b>522-B12</b>

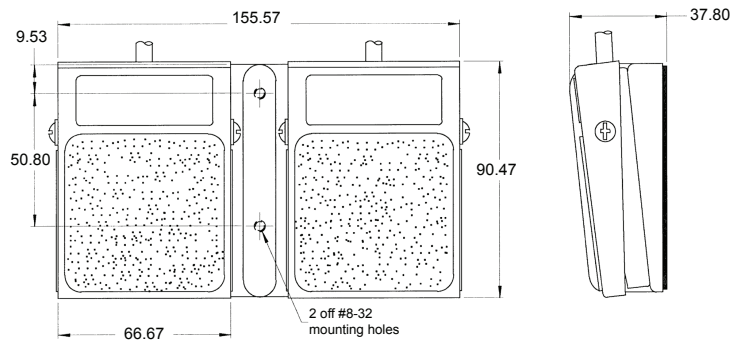
Designed to add additional protection to specific ranges without in-built shield options.

- Manufactured in heavy gauge sheet steel and finished 'Alert Orange' for added visibility.
- Single and twin treadle options.
- Pre-drilled and supplied complete with all necessary fixings.

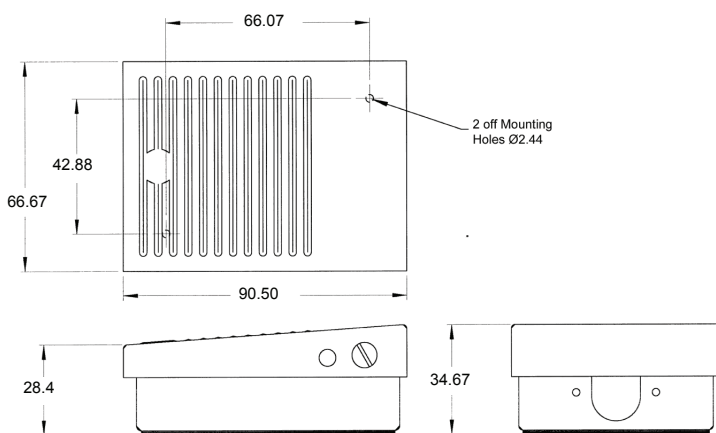
### Dimensions



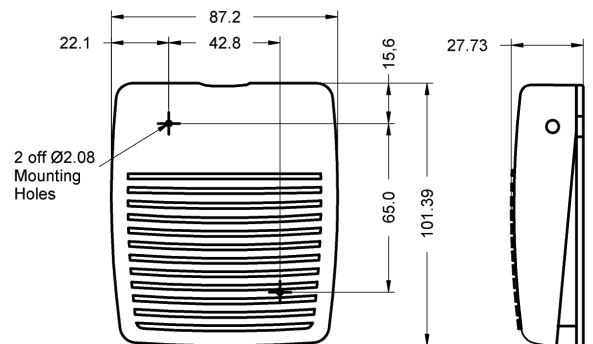
Treadlite II



Twin Treadlite II



Hi-Treadlite

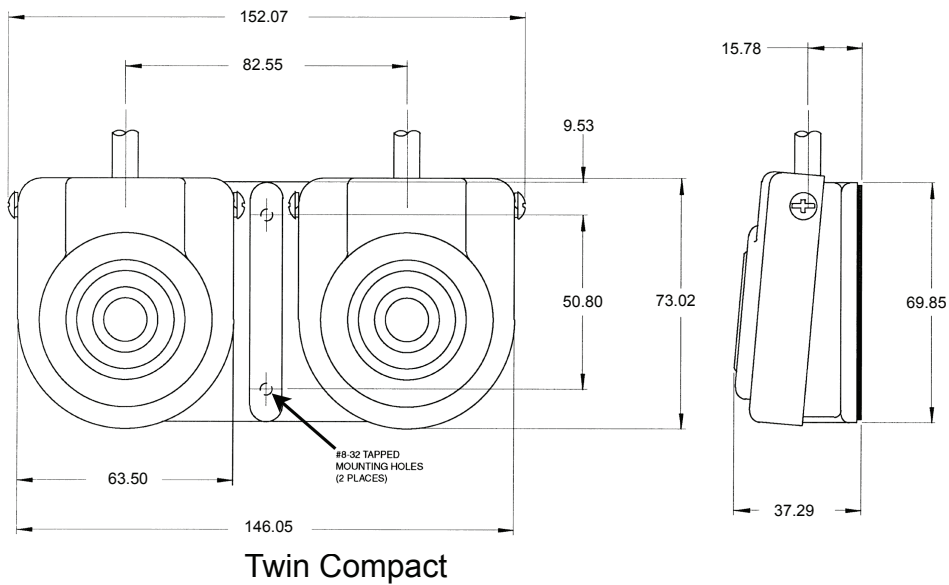
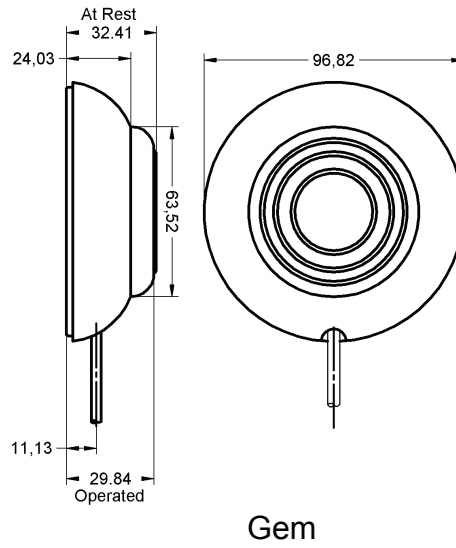
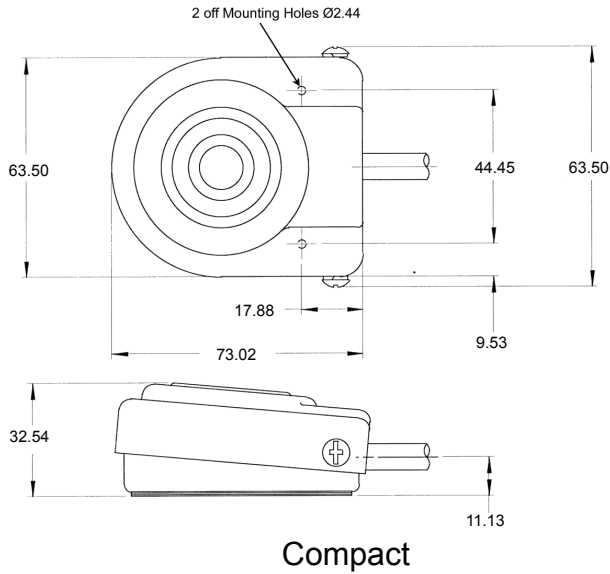


Aquiline

# Technical Data Sheet

## i-press Linemaster Range - Light duty footswitches

### Dimensions Contd.



### OEM Applications

Give our technical sales a call to discuss your specific requirements. If you feel you need something a little special...

- Special finishes and colour co-ordination
- Connecting cables, plugs and interfaces
- Special materials
- Multi-pedal assemblies
- Special labelling
- IP68 interiors

.... and for added diversity, certain models are available with pneumatic interiors



Typical OEM application incorporating two Aquiline footswitches