HRX Series Headache Rack | Accessories

Features

- Protects cab and truck's rear window
- Designed to mount a variety of warning lights including: Full size or mini-lightbars, beacons, work lights and perimeter/exterior lights
- Pre-drilled holes to allow easy installation of lights
- Black e-coated finish
- Complete with bracket mount kit and hardware
- Three-year warranty

Applications

- Construction
- Municipal
- Utility

HRX01

| Model	Description
	Headache Rack – Universal Model
HRX01	Headache rack for Ford, Dodge and Chevy 1500 Series with Latitude channel/bracket and mounting holes for MPS6U (sold separately)
	Accessories
HRX-MESH	Mesh screen for HRX01
HRX-HL	HighLighter bracket for HRX01
HRX-CABLE	4-channel wiring harness for HRX01
HRX-LB45	Mount adapter for 44" / 45" lightbar

Mounting Tabs

HRX01 with HRX-MESH (Latitude shown sold separately)

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HRX Series Headache Rack | **Accessories**

27.76" (70.51 cm)

24.67" (62.66 cm)

70.83" (179.9 cm)
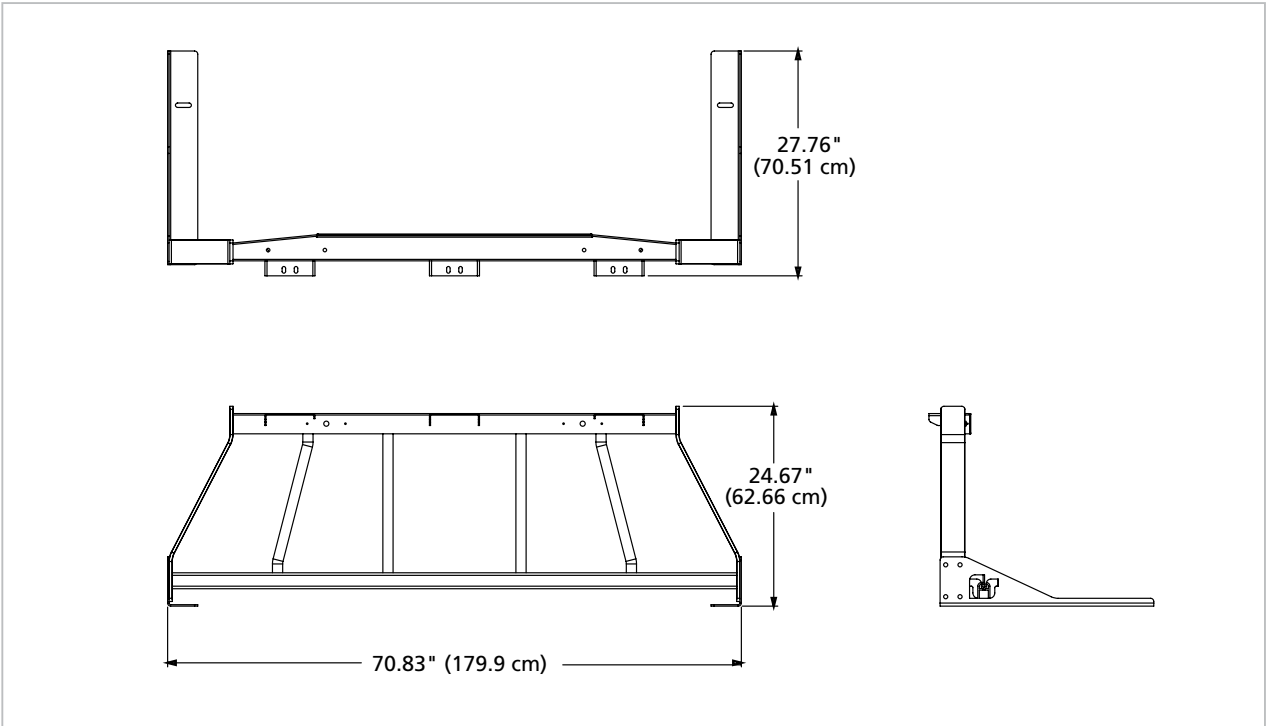
Specifications	
Height	24.7 in (62.7 cm)
Length	70.8 in (179.80 cm)
Width	27.8 in (70.6 cm)
Ship Weight	
	61 lbs (27.7 kg)
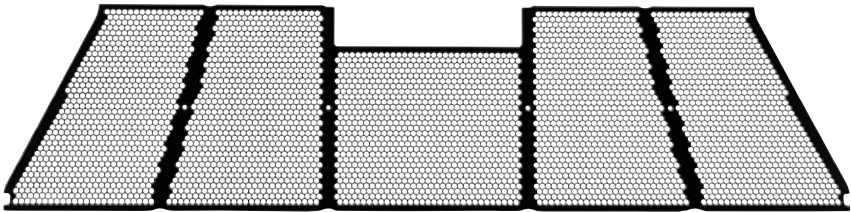
HRX-MESH

HRX-HL

HRX-CABLE

PBX Series Push Bumper | Accessories

Features

- Mount kit and hardware included
- Center cross plate and uprights are pre-drilled for mounting extra lights
- Heavy duty 4 gauge steel uprights
- 14-gauge steel top channels
- Wide rubber strips measure 2 3/4 inches
- Does not interfere with SRS airbag system
- Lower tube for extra protection and strength
- Includes black stainless steel hardware used on all visible fasteners
- E-coated / Black powder coat for bumpers and top channels
- Three-year warranty

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Applications

- Construction
- Municipal
- Utility

PBX06 (lights and speaker, sold separately)

Model	Description
PBX06	Ford F150, Push Bumper
	Accessories
	Top Channels – order one with each push bumper
PBX-TC2L-4	Two-light top channel for Chevy Tahoe/Ford F150 bumper, use with two MPS600, MPS600U or MPS620U lights (sold separately)
PBX-TC4L-4	Four-light top channel for Chevy Tahoe/Ford F150 trucks bumper, use with four MPS600, MPS600U or MPS620U lights (sold separately)
	Wing Wrap
PBXW-FRD15	Ford F150 Wing Wrap

Specifications	
Length	45.0 in (114.3 cm)
Width	37.0 in (94 cm)
Height	10.0 in (25.4 cm)
Ship Weight	
	79.0 lbs (35.8 cm)

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DOT System Flasher | Accessories

Features

- Two-programmable modes of operation, priority to mode 2
- Power pass-through feature
- (14) Flash patterns
- SAE compliant, true random flash pattern
- Potted PC board in polycarbonate housing
- Removable wiring headers and fast disconnect power block for easy serviceability
- Individual zone activation
- Supports Spectralux® dual color feature
- Total system power up to 35 Amps
- Three-year product warranty

605010

Model	Description
605010	8-channel, 4-zone flasher
	Cables
605010-30	30-ft TPR cable with weather tight connector
605010-60	60-ft TPR cable with weather tight connector

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Applications

- Construction
- Material Handling
- Municipal
- Utility

6.46" (2.5 cm)
5.86" (2.3 cm)
0.12" (0.04 cm)
4.96" (1.9 cm)
4.14" (1.6 cm)
0.12" (0.04 cm)
2.57" (1.0 cm)
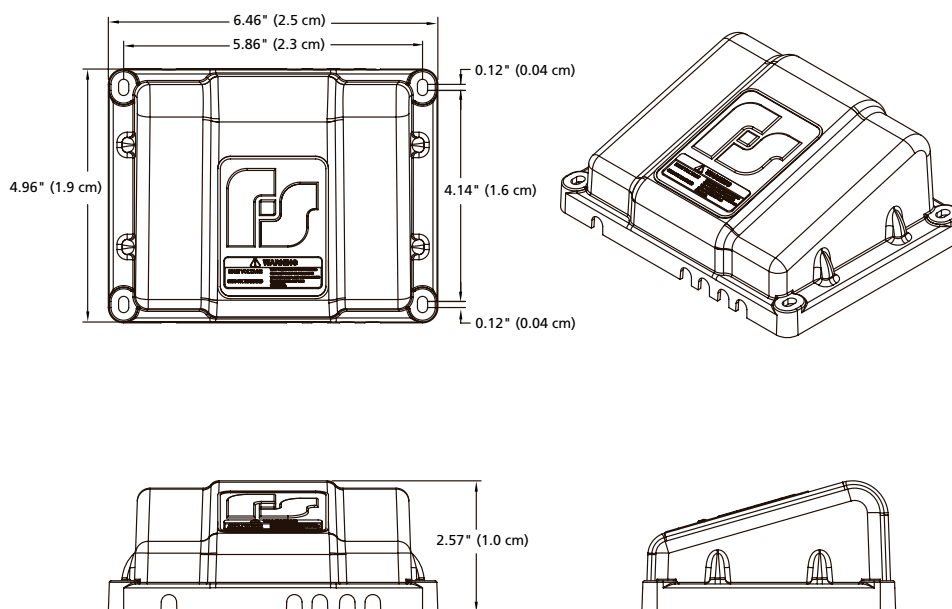
Mounting Boxes | **Accessories**

Features

QuadraFlare® 4x3 DOT Mounting Boxes

- 1-, 2-, and 3-up versions

- Constructed with 3/16" stainless steel

- Welds to vehicle body

- Sold in pairs

- Includes internal steel mounting frame for use with QuadraFlare® 4x3 DOT models

- Pre-punched mounting holes on side for use with MicroPulse™ Ultra 3 (horizontal orientation)

- Open corners to allow for drainage

- Three-year product warranty

SignalTech® Oval Mounting Boxes

- 1-, 2- and 3-up versions

- Cold rolled steel (with zinc plating)

- Welds or bolts to vehicle body

- Sold in pairs

- Fits SignalTech® LED oval lights

- Three-year warranty

Applications

- Material handling

- Municipal

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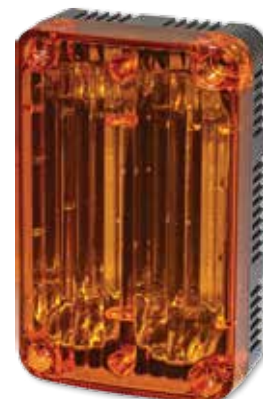*305103SSG* *305102SSG* *305101SSG*
(Lights sold separately)

304303SSG
(Lights sold separately)

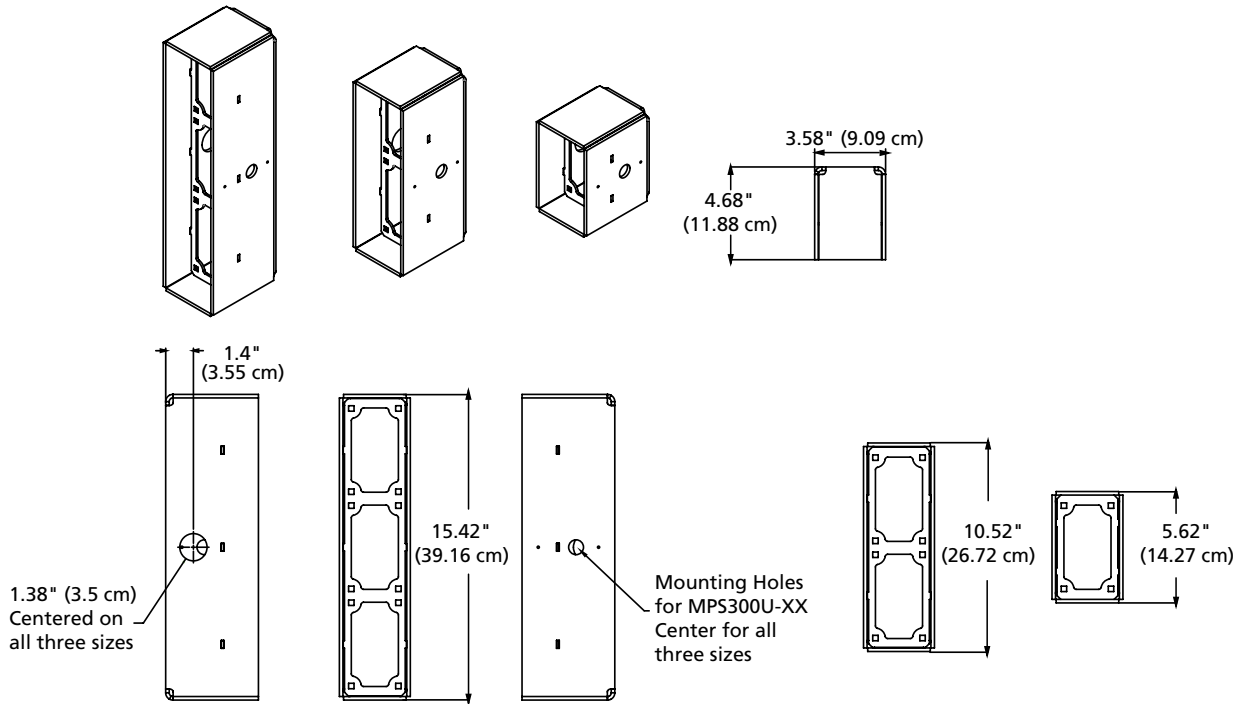| Model	Description
	QuadraFlare 4x3 DOT Mounting Boxes
304301SSG	1-up pair for QL43D models
304302SSG	2-up pair for QL43D models
304303SSG	3-up pair for QL43D models
	SignalTech Oval Mounting Boxes
305101SSG	1-up pair for SignalTech LED oval models
305102SSG	2-up pair for SignalTech LED oval models
305103SSG	3-up pair for SignalTech LED oval models

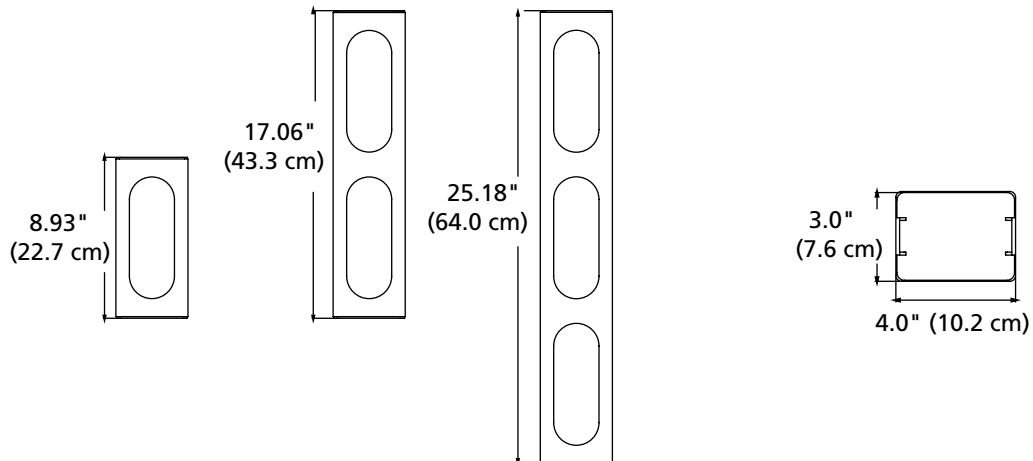*Shown SignalTech light,*
model 607106-02SB
(sold separately, see page 112)

Shown DOT light,
model QL43D-A
(sold separately, see page 98)

FEDERAL SIGNAL

Mounting Boxes | Accessories

QuadraFlare® 4x3 DOT Lights Mounting Boxes

3.58" (9.09 cm)

4.68" (11.88 cm)

1.4" (3.55 cm)

15.42" (39.16 cm)

1.38" (3.5 cm) Centered on all three sizes

Mounting Holes for MPS300U-XX Center for all three sizes

10.52" (26.72 cm)

5.62" (14.27 cm)

SignalTech® Oval Mounting Boxes

17.06" (43.3 cm)

25.18" (64.0 cm)

8.93" (22.7 cm)

3.0" (7.6 cm)

4.0" (10.2 cm)

	304301SSG	304302SSG	304303SSG	305101SSG	305102SSG	305103SSG
Specifications						
Height	5.6 in (14.2 cm)	10.5 in (26.7 cm)	15.4 in (39.1 cm)	8.9 in (22.6 cm)	17.1 in (43.4 cm)	25.2 in (64 cm)
Length	3.5 in (8.9 cm)	3.5 in (8.9 cm)	3.5 in (8.9 cm)	3 in (7.6 cm)	3 in (7.6 cm)	3 in (7.6 cm)
Width	4.7 in (11.9 cm)	4.7 in (11.9 cm)	4.7 in (11.9 cm)	4 in (10.2 cm)	4 in (10.2 cm)	4 in (10.2 cm)

IMPAXX® Wing Plow Light | Accessories

Features

- Solaris® LED reflector technology

- Superior warning with (6) high-powered LEDs

- Lighthead is fully encapsulated in a cast aluminum housing

- Suitable for mounting on wing plow tips

- Flasher required for operation as part of a complete DOT lighting package

- Rugged weather resistant TPR cable with weather tight connector

- Five-year LED warranty

Application

- Snow plow

Approval

- SAE J595, Class 1

IPX602B-WPL

Model	Description
IPX602B-WPL	Horizontal IPX Wing Plow Light, Clear lens, Amber

FEDERAL SIGNAL

MB1 LED Message Board | Accessories

Features

- Public safety messaging system incorporates LED message display board suitable for interior or exterior mounting, with internally mounted controller

- Includes hardware kit with mount brackets and carriage bolts

- LED display can be "dimmed" to adjust message contrast

- System comes equipped with a default message set

- PC software allows administrator to create custom message sets

- Three-year warranty

Applications

- Construction
- Material Handling
- Municipal
- Tow & Recovery
- Utility

MB1-A

Model	Description
MB1-A	Public safety messaging system with Amber LED message display and controller; -G(Green)
Accessories and Kits	
MBK03H	Kit for mounting MB1 message board to rear of Valor lightbars
MBK04	Kit for mounting MB1 message board to rear of Integrity, Legend, LPX, and Navigator lightbars (except for HotFoot versions of these bars)

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MB1 CONTROLLER

Physical Specifications		
LED Color Options	Amber or Green	
LED Mount	672 LEDs	
Operating Temperature	-30˚ C to +65˚ C	
Voltage	12 VDC	
Physical Specifications		
	Message Board	Controller
Length	35.2 in (89.4 cm)	6.8 in (17.3 cm)
Height	3.0 in (7.6 cm)	3.3 in (8.3 cm)
Depth	3.3 in (8.4 cm) - without brackets 4.8 in (12.2 cm) - with brackets	1.6 in (4.1 cm)
Ship Weight		
Message Board and Controller	10.0 lbs (4.5 kg)	

Headlight/Taillight Flashers | Accessories

Features

- Headlight and taillight flashers are available for high-side and ground switched systems
- "Plug-n-play" models available
- Multiple flash rates
- Easy to install
- Three-year warranty

Applications

- Construction
- Material handling
- Tow & Recovery
- Utility

FHL2-SC *FHL-HL* *FHL-TAIL*

Model	Description
	High-Side switched headlight flasher systems
FHL2-SC	Flasher, headlight, 90 FPM, standard headlight system, high beam override (2) 10 Amp loads
FHL-HL	Flasher, headlight, multiple flash patterns, (2) 10 Amp outputs, 18" wire leads
	High-Side switched taillight flasher system
FHL-TAIL	Flasher, taillight, low stand-by current draw, multiple flash patterns

	Headlight Flashers		Taillight Flasher
	FHL-HL	**FHL2-SC**	**FHL-TAIL**
Vehicle Application	Universal	Universal	Universal
Specifications			
Vehicle Electrical System	10-30 VDC negative ground	12 VDC negative ground	12 VDC negative ground
Maximum Output Current	Two 9.5 Amps circuits per side	Two 10 Amps circuits per side	Two 5 Amps circuits per side
Circuit Switching	High-Side	High-Side	High-Side
Low Voltage Protection	✔	✔	✔
Reverse Polarity Protection	✔	✔	✔
Daytime Running Lights	–	–	–
Plug-n-play Connections	–	–	–
High Beam Deactivation	✔	✔	–
Automatic Nighttime Cut-off	✔	–	–
Flash Patterns	7 selectable patterns	90 fpm	2.4 FPS
Mounting Bracket	Universal	Universal	Universal
Physical Specifications			
Height	0.7 in (1.78 cm)	1.0 in (2.5 cm)	0.7 in (1.78 cm)
Length	4.7 in (11.9 cm)	3.0 in (7.6 cm)	4.7 in (11.9 cm)
Width	2.1 in (5.3 cm)	2.0 in (5.1 cm)	2.1 in (5.3 cm)
Ship Weight			
	1.0 lb (0.5 kg)	1.0 lb (0.5 kg)	1.0 lb (0.5 kg)

FEDERAL SIGNAL

Intelli-Flash® Flashers | Accessories

Features

- Specifically designed for use with auxiliary LED lighting

- Designed to perform in a variety of applications

- Can be used to synchronize multiple light heads

- Three-year warranty

650201

Applications

- Construction

- Material Handling

- Tow & Recovery

- Utility

Model	Description
650201	(2) 6 Amp loads, (8) flash patterns, ground-side switching
650202	(4) 4 Amp loads, (8) flash patterns, ground-side switching
650205	(2) 10 Amp loads, (10) flash patterns, high-side switching
FA3-SC	90 FPM, (2) 10 Amp loads, high-side switching

Intelli-Flash Flasher Chart				
Model Number#	**650201**	**650202**	**650205**	**FA3-SC**
Vehicle Electrical System	12/24 VDC negative ground	12/24 VDC negative ground	12/24 VDC negative ground	12 VDC negative ground
Circuit Switching	Ground-Side	Ground-Side	High-Side	High-Side
Output Current/Channel	6 Amps	4 Amps	10 Amps	10 Amps
Number of Channels	Two	Four	Two	Two
Total Output Current Capacity	12 Amps	16 Amps	20 Amps	20 Amps
Connection	Wire Leads	Wire Leads	Screw Terminals	Wire Leads
Flash Patterns (Details on Instruction Sheets)	Eight	Eight	Ten	One -90/FPM
Operating Modes	Primary/Secondary	Primary/Secondary	Primary/Secondary	Primary
Outlet Switching	N/A	2 X 2	N/A	N/A
Recommended Applications	Police/Motorcycle	Police/Motorcycle/DOT	Command and Fire/Rescue	Variable
Physical Dimensions				
Length	4.0 in (10.2 cm)	4.0 in (10.2 cm)	5.1 in (13.0 cm)	2.5 in (6.4 cm)
Width	2.0 in (5.1 cm)	2.0 in (5.1 cm)	3.0 in (7.6 cm)	1.4 in (3.6 cm)
Height	0.5 in (1.3 cm)	1.0 in (1.3 cm)	1.2 in (3.1 cm)	1.3 in (3.3 cm)

Switch Controls | Accessories

Features

- Switching of up to seven auxiliary functions
- 20 Amps fuses and 20 Amps switches are standard
- Standard, high current slide switch and non-slide switch models available
- Backlit for LED function identification
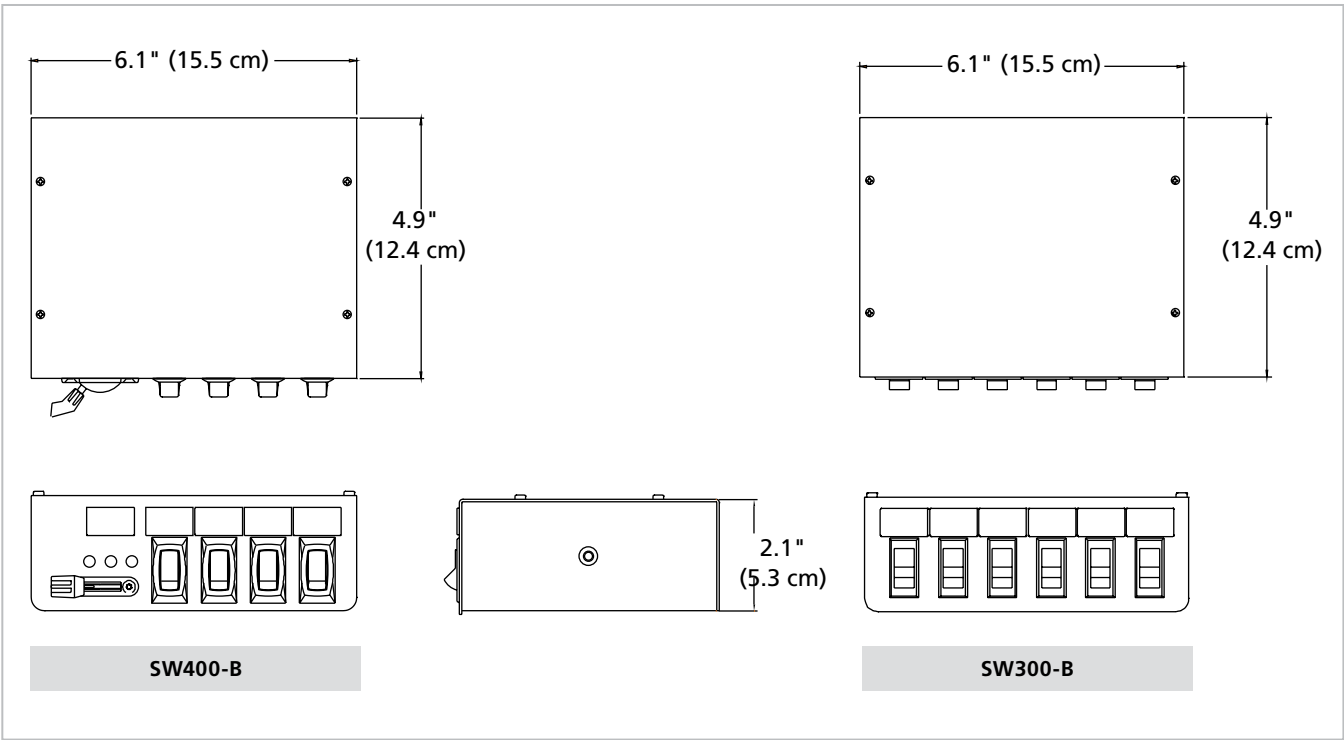- Easy installation
- Three-year warranty

Applications

- Construction
- Material handling
- Tow & Recovery
- Utility

SW300-B

SW200-B

SW400-B

Model	Description
	"SW" Switch Control Panel Models
SW1	One rocker switch
SW2	Two rocker switch
670132	Three rocker switches
SW200-B	4-switch box with bail bracket
SW300-B	6-switch box with bail bracket
SW400-B	4-switch with slide switch box and bail bracket
SW30	SW30 Series, (3) 20 Amp toggle switches on "L" bracket housing
	Toggle Switch Models
210620SSG	Toggle switch, Black
210633SSG	Toggle switch, Chrome on metal
	Accessories and Kits
SW-BK1	Mount bracket for SW200-B
SW-BK	Mount bracket for SW300-B and SW400-B
210624SSG	Single-hole switch panel for use with 1/2" diameter toggle switches
	Common Replacement Parts
671512	Rocker switch, 20 Amp, illuminated
Z122374A	Slide-switch
Z122385B	Rocker switch, 20 Amp, on/off, illuminates, Red
Z124A058A	Kit, multiple legends, backlit

FEDERAL SIGNAL

www.fedsig.com   800.824.0254   amberorders@fedsig.com

Switch Controls | **Accessories**

6.1" (15.5 cm)

4.9"
(12.4 cm)

2.1"
(5.3 cm)

SW400-B

6.1" (15.5 cm)

4.9"
(12.4 cm)

SW300-B

Physical Specifications			
	SW400	**SW300**	**SW200**
Height	2.1 in (5.3 cm)	2.1 in (5.3 cm)	2.1 in (5.3 cm)
Width	6.1 in (15.5 cm)	6.1 in (15.5 cm)	4.7 in (11.9 cm)
Depth	4.9 in (12.4 cm)	4.9 in (12.4 cm)	4.9 in (12.4 cm)
Ship Weight			
	3.0 lbs (1.4 kg)	3.0 lbs (1.4 kg)	2.5 lbs (1.1 kg)

SW-BK1

SW-BK

210624SSG

Mounting Bars | Accessories

Features

- Mounts any type of warning light, directional light or work light
- Accommodates mini-lightbars, as well as full-length lightbars
- Sliding carriage bolt design for ease of installation when mounting any lighting device
- Available for permanent mount or hook-on mount applications
- Available in 46", 54" and 65" lengths

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Applications

- Construction
- Material Handling
- Tow & Recovery
- Utility

Lightbar and mounting kit sold separately

Model	Description
210960-46	46", Roof mount bar
210960-54	54", Roof mount bar
210960-65	65", Roof mount bar
Accessories and Kits	
UNPK	Mounting kit, permanent
UNHK	Mounting kit, hook mount feet (requires use of hook kit)
HKB-(Model)	Hook required with hook-on mount, (specify vehicle)
210962SSG	Kit, mounting bar endcap (contains endcap and two screws)
210961SSG	Kit, mounting plate, beacon (mounts LED and halogen beacons and VisiBeams)
454219	Kit, roof mount bar (must be used when mounting HighLighter on a Roof Mounting bar)

NOTE

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