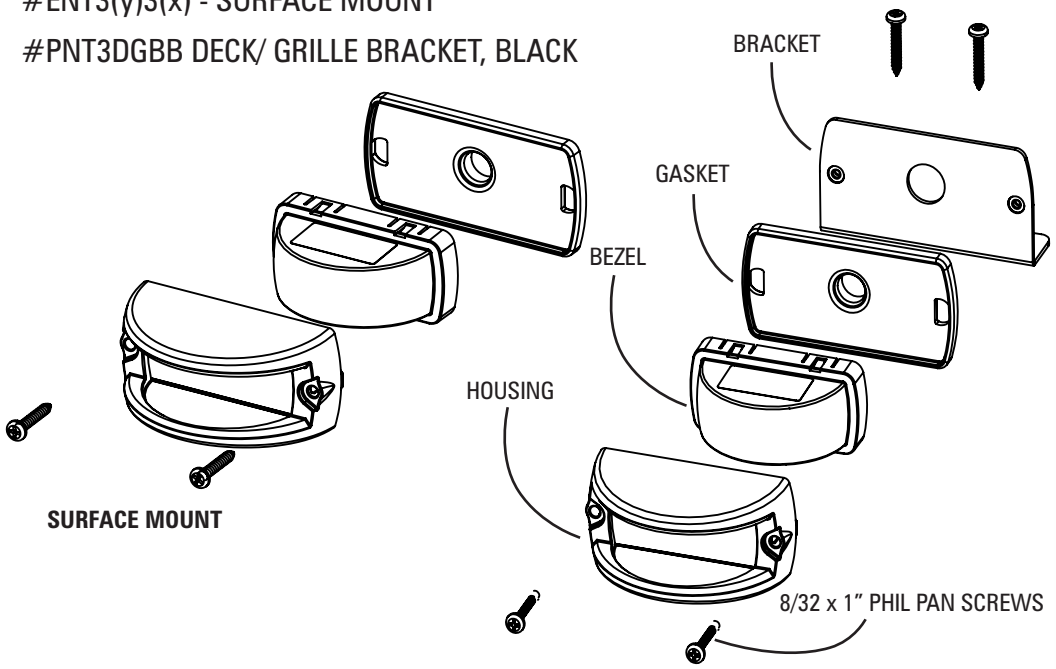
by SoundOff Signal

INTERSECTOR™ LED LIGHT

#ENT3(y)3(x) - SURFACE MOUNT

#PNT3DGBB DECK/ GRILLE BRACKET, BLACK



SURFACE MOUNT

DECK/ GRILLE BRACKET MOUNT

Please see last page for Technical Specifications

Important Information:

• Warning devices are strictly regulated and governed by Federal, State and Municipal ordinances. These devices shall be used ONLY on approved vehicles. It is the sole responsibility of the user of these devices to ensure compliance.

• DO NOT install this product or route any wires in the Air Bag Deployment Zone. Refer to your vehicle Owner's Manual for the location of any air bag deployment zones.

• DO NOT connect this device to a strobe power supply. This product is self-contained and does not require an external power supply.

SURFACE MOUNT INSTALLATION:

1. Establish a position on the vehicle on a level surface. Orient the light output level on the horizon.
2. Use the gasket provided as a template to mark locations of wire and mounting screws
3. Use a 5/8" diameter drill for the wire holes
4. Size pilot holes for mounting screws appropiately.
5. Fasten light using bezel and mounting screws. Do not torque mounting screws beyond 20 in - lbs.

DECK/ GRILLE BRACKET INSTALLATION:

(PURCHASED SEPARATELY)

1. Slide wire from Bezel through center access hole in the gasket and bracket.
2. Next, position the Housing over the Bezel and align the holes with the bracket.
3. Lastly, using the supplied 8-32 x 1" screws fasten the assembly lightly. Do not torque mounting screws beyond 20 in - lbs.
4. Establish a position on the vehicle on a level surface. Orient the light output level on the horizon.
5. Use the bracket provided as a template to mark locations of mounting screws.
6. Size pilot holes for mounting screws appropiately.
7. Fasten light using bezel and mounting screws. Do not torque mounting screws beyond 20 in - lbs.

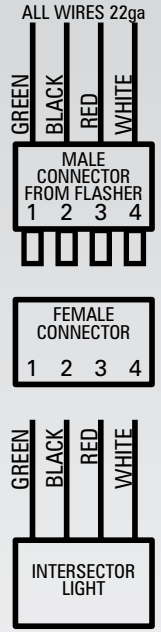
OPERATION:

For details on operation see page with 'Flash Patterns' table on last page.

IMPORTANT:

Power should only be supplied through RED WIRE of flasher harness and must be fused with a 3A, user supplied, in-line fuse. Failure to install this fuse will create a fire hazard and will damage the Intersector™ Light. Connecting the Intersector™ light to any power source directly **WILL** permanently damage the light and will void warranty.

<u>IMPORTANT!</u> FOR PROPER OPERATION <u>ALL</u> WIRES <u>MUST</u> BE CONNECTED FROM FLASHER TO LIGHT HEAD.



WIRE HOOK-UP TABLE

WIRE COLOR: (ALL WIRES 20ga)	CONNECT TO: (FROM FLASHER ONLY)
RED	+10-16 Vdc
WHITE	Pattern Select / Sync
BLACK	Ground (-)
GREEN	Cruise Mode (+10-16 Vdc)

⚠ WARNING

This product contains high intensity LED devices. To prevent eye damage, DO NOT stare into the light beam at close range.

To review our Limited Warranty Statement & Return Policy for this or any SoundOff Signal product please visit our website.
If you have questions regarding this product please contact Technical Services, Monday - Friday, 8 am to 5 pm at 1.800.338.7337, press #4 to skip the automated message.
Questions or comments that do not require immediate attention may be emailed to techsupport@soundoffsignal.com.

1.800.338.7337. / www.soundoffsignal.com / Thank you for trusting us with your safety!

SoundOff Signal®

by SoundOff Signal

intersector™

INTERSECTOR™ LED LIGHT

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PATTERN RESET

1. Remove power.
2. Place WHITE (sync) wire to ground.
3. With sync wire grounded, re-power RED wire.
4. Maintain for one second (light will dim).
5. Remove power and ground (pattern 1 set).

Tech Specs	Intersector™
Flash Patterns:	30 Flash Patterns
Light Sync:	Yes
Technology:	9 Gen3 LEDs
Mounting:	Surface Mounts or Deck/ Grille Bracket Mount
Input Voltage:	10 - 16 Vdc
Current Draw:	less than 1.5 amps
Dimensions:	Width x Height x Depth 4" (98 mm) W x 2" (49 mm) H x 2" (49 mm) D
Operating Temp.:	-40° to +65° C / -104° to +149° F
Patents:	US Design Patent No. D636,113 *Other Patents Pending*

Parts & Accessories:

Intersector SM Module	PENT3BO
SM Intersector Bezel (Black)	PNT3SMBB SM
SM Intersector Bezel (Chrome)	PNT3SMBC SM
SM Intersector Bezel (White)	PNT3SMBW SM
SM Intersector Gasket	PNT3SMGS SM
Deck/ Grille Intersector Brkt (Black)	PNT3DGBB

SoundOff Signal®

SINGLE LIGHT HEAD SET UP AND PATTERN SELECTION

1. Disconnect WHITE wire from any connections if applicable.
2. Turn Intersector™ LED LIGHT ON by applying power to RED WIRE from flasher. **IMPORTANT NOTE:** Power harness with in-line flasher (PNT(x)FLA) **MUST** be used between power and light. **Any other flasher WILL cause permanent damage and void warranty.**
3. Momentarily touching and removing the WHITE wire to ground will advance the Intersector™ LED LIGHT to the next flash pattern. Touching and removing the WHITE wire for more than a few seconds will allow you to change the Intersector™ LED LIGHT to the previous pattern. See flash pattern table. Continuing to touch and remove the WHITE wire to ground will allow you to scroll through the pattern list. After pattern #30 is reached the list will start over again at pattern #1.

SINGLE COLOR CONFIGURATIONS

Follow the ID selection steps and set the Intersector™ LED LIGHT to the following ID:

ID #2 - Single Color ID #4 - Single Color

Single Color - Simultaneous Flash Patterns:
- Set light heads to same ID (#2 or #4).

Single Color - Alternating Flash Patterns:
- Set one light head to ID #2 and another to ID #4.

MULTIPLE LIGHT HEAD SET UP AND PATTERN SELECTION

1. Set ID#
   a. Connections
      i. RED: +10-16Vdc
      ii. WHITE: +10-16Vdc (Note: you will need to disconnect after power is applied)
      iii. BLK: Ground
      iv. GREEN: NO CONNECTION REQUIRED FOR ID SELECTION
   b. Apply power to unit
   c. Without disconnecting power from unit, disconnect WHITE wire
   d. Momentarily connect WHITE to Ground to change ID #
      i. Identify ID# by number of sequential flashes
      ii. Possible ID#s: 2 or 4
   e. Disconnect Power to exit ID mode
2. Set Pattern - Must be done individually to each light prior to syncing
   a. RED: +10-16Vdc
   b. BLACK: Ground
   c. While light is powered, tap WHITE wire to ground to advance to the next pattern (SEE pattern table at right)
   d. Disconnect Power
3. Sync Lights
   a. Once desired pattern has been selected for all light heads connect all white wires and insulate with electrical tape.
4. Connect Master Switch for Application.

Flash Patterns

Pattern Name	1 Light	Alternating 2 Lights	Simultaneous 2 Lights	F.P.M. (Flashes / Minute)
1. Quint	x	x	x	70
2. Warp	x	x	x	350
3. Inter-Cycle Flash	x	x		
4. Double Flash	x	x	x	70
5. Quad Flash	x	x	x	80
6. PowerPulse™	x	x	x	180
7. RoadRunner™	x	x	x	113
8. Q-Switch™	x	x		
9. RoadRunner™ Steady Burn	x	x		113
10. Quad Steady Burn	x	x		80
11. E-Ideal Single Flash	x	x	x	200
12. E-Ideal Double Flash	x	x	x	146
13. Quad2 Flash	x	x	x	67
14. Double2 Flash	x	x	x	95
15. PowerRunner	x	x	x	
16. LCR Quint	x	x	x	
17. Warp^3	x	x	x	
18. Ultra Warp	x	x	x	545
19. Thunder & Lightning	x	x		
20. Lite Speed	x	x	x	85
21. SuperSonic	x		x	170
22. LCR Lite Speed	x	x	x	
23. SuperSonic Ultra	x	x	x	
24. Tempo Shift	x	x	x	
25. Tempo Shift Warp	x	x	x	
26. SBE2	x	x	x	67
27. C^2	x	x	x	200
28. U^2	x	x	x	176
29. Cyclone2	x	x	x	
30. Chameleon2	x	x	x	