

# WHACKER TECHNOLOGIES

## WT-946X SERIES LED DASH/DECK LIGHTS



9461  
with bracket



9461  
with Suction Cup



9462  
with bracket



9462  
with Suction Cup



9464 with bracket



9468 with bracket

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### Safety Warnings

This document provides all the necessary information to allow your new product of LED DASH LIGHT to be properly and safely installed.

Before beginning the installation and/or operation of your new product, the installation technician and operator must read this manual completely. Important information is contained herein that could prevent serious injury or damage.

- Proper installation of this product requires the installer to have a good understanding of automotive electronics, systems and procedures.
- If this product is mounted with tape or Velcro™, clean the mounting surface with a 50/50 mix of isopropyl alcohol and water and dry thoroughly.
- This product contains either strobe light(s), halogen light(s), high-intensity LEDs or a combination of these lights. Do not stare directly into these lights. Momentary blindness and/or eye damage could result.
- Use only soap and water to clean the outer lens. Use other chemicals could result in premature lens. Do not install this product or route any wires in the deployment area of your air bag. Equipment mounted or located in the air bag deployment area will damage or reduce the effectiveness of the air bag, or become a projectile that could cause serious personal injury or death. Refer to your vehicle owner manual for the air bag deployment area. The User/Installer assumes full responsibility to determine proper mounting location, based on providing ultimate safety to all passengers inside the vehicle.
- If this product uses a remote device to activate or control this product, make sure that this control is located in an area that allows both the vehicle and the control to be operated safely in any driving condition.
- If mounting this product requires drilling holes, the installer must be sure that no vehicle components or other vital parts could be damaged by the drilling process. Check both sides of the mounting surface before drilling begins. Also de-burr any holes and remove any metal shards or remnants. Install grommets into all wire passage holes. Do not attempt to activate or control this device in a hazardous driving situation.
- Use only soap and water to clean the outer lens. Use of other chemicals could result in premature lens cracking (crazing) and discoloration. Lenses in this condition have significantly reduced effectiveness and should be replaced immediately. Inspect and operate this product regularly to confirm its proper operation and mounting condition. Do not use a pressure washer to clean this product.
- For this product to operate at optimum efficiency, a good electrical connection to chassis ground must be made. The recommended procedure requires the product ground wire to be connected directly to the NEGATIVE (-) battery post.
- It is recommended that these instructions be stored in a safe place and referred to when performing maintenance and/or reinstallation of this product.
- **FAILURE TO FOLLOW THESE SAFETY PRECAUTIONS AND INSTRUCTIONS COULD RESULT IN DAMAGE TO THE PRODUCT OR VEHICLE AND/OR SERIOUS INJURY TO YOU AND YOUR PASSENGERS!**

This warning light uses state-of-the-art Light Emitting Diode (LED) technology. This warning light is comprised of ultra-high intensity LEDs that are operated by a micro-controller to efficiently produce light output with lifetimes up to 100,000 hours.

**IMPORTANT:** Please read all of the following instructions before installing your new LED Dash Light .

**CAUTION:** Do not use the warning light on the exterior of the vehicle! Please be sure to check that your cigarette plug outlet is properly fused. **Testing the light before this fuse is properly installed will void the warranty on the light.**

**WARNING!!!!** Care should be taken when positioning this warning light on the dash so that the light and/or cord does not interfere with the proper operation of any of the airbags! Failure to heed this warning may result in serious or fatal injury.

## Specifications

	WT-9461	WT-9462	WT-9464	WT-9468
Input Voltage	12.8VDC $\pm$ 20%	12.8VDC $\pm$ 20%	12.8VDC $\pm$ 20%	12.8VDC $\pm$ 20%
Input Current	0.7 Amps @12VDC	1.4 Amps @12VDC	2.8 Amps @12VDC	5.6 Amps @12VDC
Output Power	3 W	6 W	12 W	24 W
Flash Patterns	20	29	29	34

## Mounting

-There are three mounts available: 2" Brackets, 3" Brackets, Suction Cups.

**NOTE: DO NOT USE THE WARNING LIGHT ON THE EXTERIOR OF THE VEHICLE!**



**Suction Cups**



**2" Bracket**



**3" Bracket**

**CAUTION:** Be sure the mount and/or fasteners used are sufficient to support the weight of your light.

## Operation

There is a Function switch, located on end of the light.

**ON/OFF/PATTERN SELECT BUTTON :**

MODEL	WT-946X Series
PUSH TIMES	FUNCTION
0 ~ 1 sec.	NEXT PATTERN / ON
1 ~ 3 sec.	PREVIOUS PATTERN
3 ~ 5 sec.	FACTORY DEFAULT
5 ~ sec.	OFF



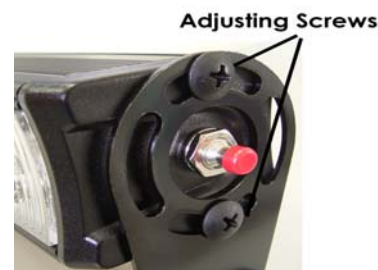
**FUNCTION SWITCH**

## Operation Environment

**Ambient Temperature:** -10 to 45 °C    **Relative Humidity:** 10 to 85%, non-condensing

## Adjustment

After the light is securely installed, loosen the adjusting screws located on each end of your dash light. Tilt the light to the desired angle and tighten the screws. Turn the light on and check the light from the front or rear of the vehicle, through the window, to ensure that it is at the most desirable angle, and that the light is not impeded by any obstacles and/or window tinting.



# Patterns

## Model WT-9461

They are designed with twenty different patterns:

P1-Quad Burst Flash	P2-Quad Flash
P3-Double Flash	P4-Single Flash
P5-Double Burst Flash	P6-Steady State Flash
P7-Single Fast Flash	P8-Triple Flash
P9-Quintuple Flash	P10-Single Super Fast Flash
P11-Triple Fast Flash	P12-Quintuple Fast Flash
P13-Single w-Pop Flash	P14-Single w-Triple Pop Flash
P15-Single w-Quintuple Pop Flash	P16-Single w-Rapid Flash
P17-Quad Burst Slow Flash	P18-Rapid Single w-Overlap
P19-Rapid Triple w-Overlap	P20-Cycle Flash-Demo (factory
P21-Off	

## Model WT-9462

They are designed with twenty-nine different patterns:

P1-Single Alternating	P16-Continuous Flash All
P2-Single Simultaneous	P17-Simultaneous Rapid Pulse w-Variable Rate
P3-Triple Simultaneous	P18-Alternating Rapid Pulse w-Variable Rate
P4- Five Simultaneous	P19-Quad Flash w/ Post Pop Alternating (1&2 vs. 3&4)
P5- Single Fast Alternating	P20-Alternating Double, Quad, and Quad Burst w-Overlap
P6-Triple Fast Alternating	P21-Alternating Triple, Burst and Rapid Single
P7-Five Fast Alternating	P22-Simultaneous Double, Alternating Double, and Alt. Rapid Single
P8- Single Alternating POP	P23-Alternating Triple Burst, Simultaneous Double, and Alternating Single
P9- Triple Alternating POP	P24-Fast Alternating Double and Fast Simultaneous Double
P10 Five Alternating POP	P25- Simultaneous Double, Fast Simultaneous Double, and Alt. Rapid Single
P11-Single Fast Alternating Rapid	P26- Alternating Single and Fast Alternating Single
P12-Simultaneous Quad Burst	P27- Alternating Five Burst, Fast Alternating Five, and Alt. Rapid Single
P13- Alternating Quad Burst	P28-Cycle Flash-Demo(factory Default)
P14- Alternating Rapid w-Overlap	
P15- Alternating Triple w-Overlap	

## Models WT-9464, WT-9468

They are designed with thirty-four different patterns:

P1-Sequential L to R	P18-Quad Flash w/ Post Pop All
P2-Sequential R to L	P19-Quad Flash w/ Post Pop Alternating (1&2 vs.3&4)
P3-Slow Alternating ( 1&3 vs. 2&4)	P20-Double Flash w/ Overlap (1&2 vs.3&4)
P4-Fast Alternating (1&3 vs. 2&4)	P21-Quad Flash w/ Steady On Overlap (1&2 vs.3&4)
P5-Pre-pop Quad Burst (1&2 vs. 3&4)	P22-Continuous Pulse All
P6-Pre-pop Quad Burst IN/OUT (1&4 vs. 2&3)	P23-All Together w/ Quad Flash Flicker (1&2 vs.3&4)
P7-Sequential Back and Forth w/ Fade	P24-All Together w/ Quad Flash Flicker (1&2 vs.3&4) then In/Out (1&4 vs. 2&3)
P8-Sequential L to R w/ Fade	P25-Random Combination-1&2 Alt.3&4,Double All,Burst All
P9-Sequential R to L w/ Fade	P26-Random Combo-Double All,Slow Single,Triple Alternating
P10-Slow Alternating (1&2 vs. 3&4)	P27-Random Combo-Double All,Triple In/Out,Double Alternating
P11-Single Flash All	P28-Random Combo-Double All,Flicker All,Triple Alternating
P12-Triple Flash All	P29-Fast then Slow Alternating
P13-Quint Flash All	P30-Quint Flash In/Out w/ Quint Flash Alternating(1&2 vs.3&4)
P14-Fast Alternating (1&2 vs. 3&4)	P31-3&4 Fast Flash Only(1&2 Output off)
P15-Triple Fast Alternating (1&2 vs. 3&4)	P32-3&4 Slow Flash Only(1&2 Output off)
P16-Quint Fast Alternating (1&2 vs. 3&4)	P33-Cycle Flash(Demo mode)(factory Default)
P17-Continuous Flash All	

## Troubleshooting

The WT-946X Series have been factory tested and approved. If the light fails to work when the plug is inserted into the cigarette plug, check the following:

1. Press the Function switch to be sure the "Off" pattern is not selected.
2. Twist the plug a few times to remove any ash or other deposits which might be preventing a good contact from being made
3. Remove the fuse from the vehicle fuse box and check to see if it has blown.
4. Remove the fuse from the cig plug on the light (if present) and check to see if it has blown.
5. Clean the lighter socket and contact surfaces.