



**Thermal Imaging Charger
User Manual ENG**

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to protect those who keep us safe

Introduction

Your Bullard XT Series Thermal Imager is equipped with a sealed, internal long-life lithium ion battery pack as well as advanced wireless charging technology for use with the included Desktop Charger or optional Truck Mount Charger. These easy to use charging stations are the fastest way to charge your Bullard XT Series Thermal Imager's battery.

Desktop Charger (XTCHARGERBASE)

Installation and Usage

To install the Desktop Charger, select a convenient tabletop location to place the unit and connect the included power supply to a nearby AC power outlet. Insert the power supply's output power pin into the receptacle on the rear of the charger. When power is first applied to the charger, all three LEDs will briefly illuminate as a bulb check cycle, after which the WHITE LED will remain illuminated. This indicates the Charger unit is powered on and ready for use (Figure 1).

To charge the XT Thermal Imager's battery in the Desktop Charger, place the imager on the charger with the display side being cradled by the upright portion of the charger and the four holes on the bottom side of the thermal imager aligned with the four pins of the Interface Ring. When seated correctly, the charger will emit a short beep and a BLUE LED will illuminate on the right side of the charger. This indicates a connection with the imager. When the connection has been verified and the battery is charging, the thermal imager's power button LED will pulse RED. When fully charged, the same LED will change to steady GREEN.

If there is a problem with the charger or the connection with the imager, the charger will illuminate an AMBER LED, located beneath the BLUE LED. In this event, remove and attempt to re-seat the imager. If the issue persists, contact Bullard Customer Service (Figure 2).

Truck Mount Charger (XTTRUCKMOUNT)

Installation

The XT Series Truck Mount Charger utilizes the same wireless charging mechanism as the Desktop Charger but is designed to be mounted in a vehicle and securely charge and store the imager in accordance with NFPA 1901-14.1.11.2. Additionally, although the Truck Mount Charger is designed for permanent vehicle installation, you may also choose to use this unit in a free-standing manner. Free-standing use is not recommended for vehicles. The same AC power supply functions with both the Truck Mount and Desktop Chargers, but this power supply is optional with the Truck Mount Charger (XTCHARGE PWR).

To install the Truck Mount Charger in a vehicle, select a convenient location in either a vertical or horizontal orientation. Leave sufficient clearance above the Charger for installation of the imager, below the Charger (if additional accessories will be stored on the Charger), and in front of the Charger for removal and reinstallation of the imager (Figure 3). A mounting template is included with the Charger as a reference for clearance requirements and mounting hole spacing. Mount the Charger using the included (4) 5/16" self-tapping hex screws. No drill holes are required because of this type of screw.

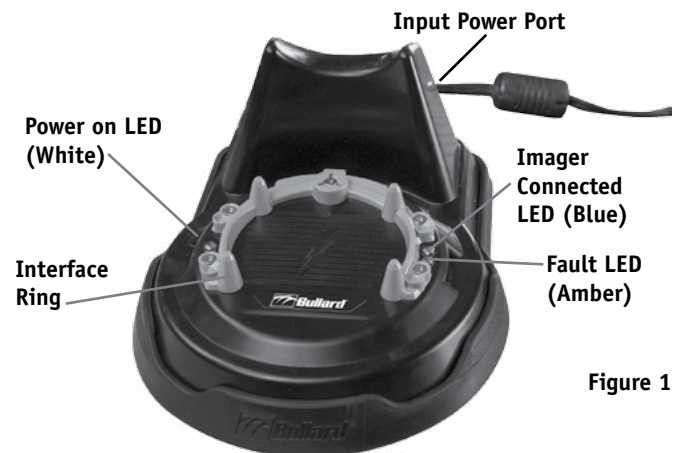


Figure 1

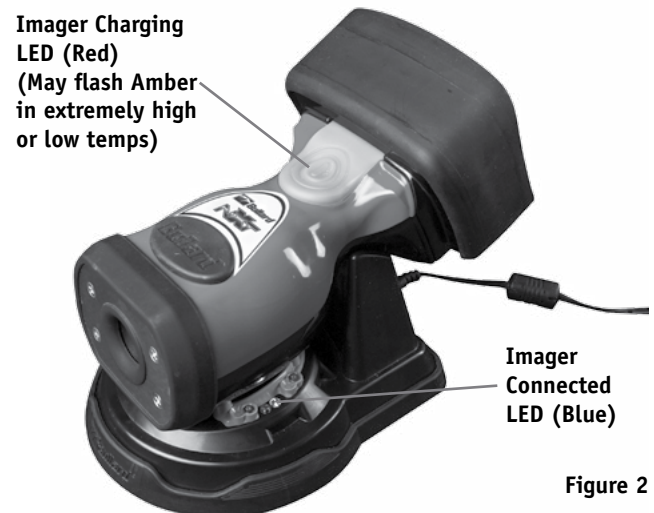


Figure 2

The unit is provided with two wires for attachment to the power supply in the vehicle. The wires are color-coded, with red signifying the positive (+) conductor and white signifying the negative (-) conductor. Provide power to the mounting location from a 5-Ampere fused power source with output of 12-24 VDC. For best results, the unit should be connected to an unswitched circuit which continues to provide power when the vehicle is not in use so that a mounted imager will remain charged at all times. Your vehicle maintenance technician can advise as to the best wiring method for each individual apparatus. Securely fasten the vehicle's power supply wiring to the matching positive and negative wires from the Charger by soldering or using twist-on or crimp-style connectors. Consult an electrician if you experience difficulty or require assistance.

Truck Mount Charger (XTRUCKMOUNT) Usage

When power is first applied to the charger, (via either hardwired to a vehicle or the optional AC power adapter) all three LEDs will briefly illuminate as a bulb check cycle, after which the WHITE LED will remain illuminated. This indicates the Charger unit is powered on and ready for use (Figure 3).

To charge the XT Thermal Imager's battery, place the imager into the charger with the display side up and the bottom of the imager facing the long side of the charger. Ensure that the four pins of the Interface Ring align with the four holes on the bottom side of the thermal imager. When seated correctly, the release button will pop up and lock, and the charger will emit a short beep and a BLUE LED will illuminate on the right side of the charger. This indicates a connection with the imager. When the connection has been verified and the battery is charging, the imager's power button LED will pulse RED. When fully charged, the same LED will change to steady GREEN..

To remove the imager from the charger, depress the release button and remove the imager (Figure 4).

If there is a problem with the charger or the connection with the imager, the charger will illuminate an AMBER LED, located beneath the BLUE LED. In this event, remove and attempt to re-seat the imager. If the issue persists, contact Bullard Customer Service.

XTRUCKMOUNT - Troubleshooting

If the Truck Mount Charger is appropriately wired to a vehicle but the WHITE power LED is not illuminated, it is possible that the fuse has blown. Locate and open the fuse holder which is on the red wire near the unit to inspect the fuse. If the fuse has blown, it can be replaced with a 5x15mm or 5x20mm 5-Ampere glass fuse, commonly available at most automotive parts suppliers.

▲ WARNING

Only replace with an equivalent 5-Ampere fuse. NEVER replace this or any fuse with one of a higher current rating than designed. If the fuse blows repeatedly, this indicates a fault with either the vehicle or the Charger. In this event, contact a qualified vehicle technician or Bullard Customer Service.

Interface Ring - Replacement

The Interface Ring on the Desktop and Truck Charger is user-replaceable in the event of damage (XTCHARGERRING). This kit comes with a new ring and mounting screws. A TORX® T8 bit is required to operate these screws. Remove the five screws, then pull the old interface ring away from the charger and replace with the new one. If the screw holes become worn, alternative holes are provided and may also be used to secure the Interface Ring.

Warranty

Bullard warrants to the original purchaser that the Desktop and/or Truck Mount charging station is free of defects in materials and workmanship under intended use and service for a period of one year from date of manufacture. Bullard's obligation under this warranty is limited to repairing or replacing, at Bullard's option, articles that are returned within the warranty period and that, after examination, are shown to Bullard's satisfaction to be defective, subject to the following limitations:

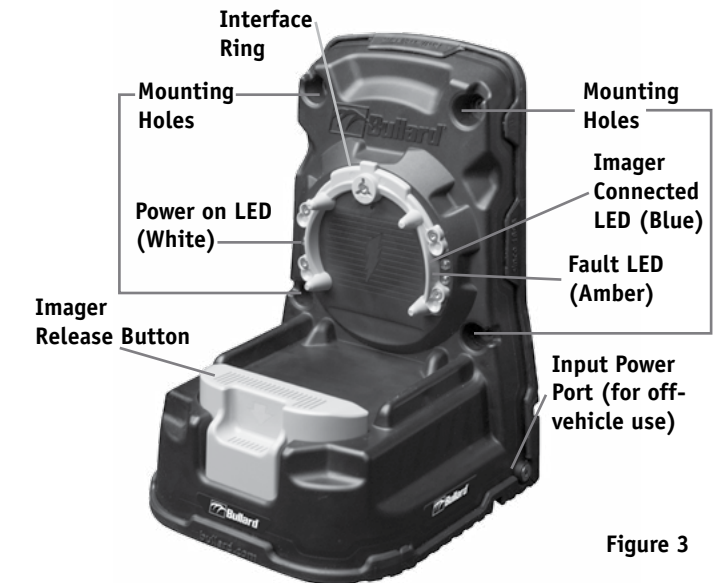


Figure 3



Figure 4

- Article must be returned to Bullard with shipping charges prepaid.
- Article must not be altered from its original configuration.
- Articles must not have been misused, abused, or damaged in transport.

In no event shall Bullard be responsible for damages, loss of use, or other indirect, incidental, consequential or special costs, expenses or damages incurred by the purchaser, notwithstanding that Bullard has been advised of the possibility of such damages. Any implied warranties, including warranties of merchantability and fitness for a particular purpose, are limited in duration to two years from the date of manufacture of this product. Some states do not allow the exclusion or limitation of incidental or consequential damages, or allow limitations on how long an implied warranty lasts, so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights and you may have other rights which vary from state to state.



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