

MobileLink Receiver Use and Operation

Bullard offers the MobileLink handheld receiver as a field-use accessory to receive transmitted thermal imaging video from the Bullard Wireless Remote Video Transmitter (sold separately). Used together, these products enable Incident Commanders the opportunity to monitor up to four different thermal imagers being used at the same location by toggling between signals (depending on the transmitter system installed). The mobility of the MobileLink is unique in that the user can monitor the scene from various strategic locations, without being grounded at one particular place. The MobileLink is compatible with all Bullard transmitter and thermal imager models and is also compatible with other manufacturers' thermal imager models. Call Bullard to ensure compatibility with your thermal imager, if it is not a Bullard manufactured unit.

Setting up the MobileLink

The MobileLink (**Figure 1**) operates with one 10V NiMH battery (**Figure 2**), the same battery that powers the Bullard T3 series and TACSIGHT Thermal Imagers. When replacing the battery, it must be inserted so that the lettering on the label is upright and facing the unit. Slide the top of the battery into the allotted slot, and then press the bottom of the battery until the unit snaps into place. For battery removal, simply pull down the handle underneath the battery and pull out the battery. Nominal continuous operating time for a fully charged battery is 2 hours. Use the standard charger or the spare battery charger on the Powerhouse charging system (sold separately) to charge the battery.

Changing Channels

To change channels, turn the channel selector on the top of the unit corresponding to the channel on the transmitting thermal imager you wish to receive (**Figure 3**). The image from that thermal imager will appear. For a two channel receiver, turn the channel selector to either A or B.

Connecting a recording device

Next to the channel selector, the MobileLink has a BNC connector as a video output source. For convenience, Bullard has supplied a BNC to RCA adapter in order to record using a standard RCA video component.



Figure 1



Figure 2

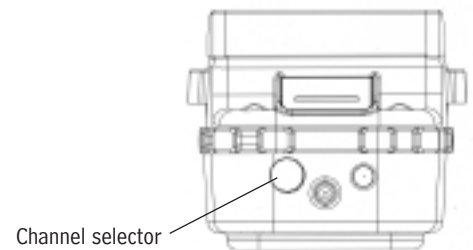
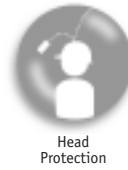


Figure 3

Connecting the antenna

A 2.4GHz "rubber duck" antenna is shipped with the MobileLink. Other types of antennas with a TNC connector may be used, such as external omni directional and directional antennas (50 Ohms impedance). For best performance, ensure that the antenna is connected.

Signal quality may vary considerably depending upon location. Composition and construction of interior walls and barriers will affect range. Likewise, outdoor operation could be affected by large metallic objects, structures, fences, and dense foliage. Repositioning of both transmitter and MobileLink may be necessary to optimize performance. Do not expose receiver equipment to water.



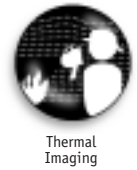
Head Protection



Respiratory Protection



Fire and Rescue Safety



Thermal Imaging

Warranty

Bullard warrants to the original purchaser that the handheld receiver is free of defects in materials and workmanship under normal use and service for a period of 90 days from date of purchase. 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:

- a. Article must be returned to Bullard with shipping charges prepaid
- b. Article must not be altered from its original configuration
- c. A Return Authorization (R.A.) must be obtained from Bullard Customer Service prior to shipment to Bullard. The R.A. should be prominently displayed on the outside of the shipping carton.

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 90 DAYS FROM THE DATE OF PURCHASE OF THIS PRODUCT.

Service

Should your Handheld Receiver require service, simply call Bullard Sales Support at 877-BULLARD (285-5273). Please have the serial number available, which is located on the back of the receiver behind the battery.

MobileLink Receiver Specifications

- Television systemsNTSC
- Relative humidity10% to 90%
- Power requirementT3 Battery
- Power InputT3 Battery
- Dimensions6" high, 4.25" wide, 4.5" deep (not including antenna or hand strap, but with battery installed) (antenna adds 3.5" to height)
- Weight.....1.9 lbs. (30.4 ounces, 863 g) with strap and battery, 1.28 lbs. (20.5 ounces, 581 g) without Battery
- Receiving Frequency (2 CH)2.458 GHz or 2.474 GHz
- Receiving Frequency (4 CH)2.456 GHz, 2.463 GHz, 2.470 GHz, or 2.477 GHz
- Video Outputs (BNC).....75-ohm 1-Volt P-P

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