

Use and Operation

Using the Wireless Remote Video Transmitter with Digital Mobile Command Center

Bullard offers the Digital Mobile Command Center (DMCC) as a multi-functional field-use accessory to receive transmitted thermal imagery from the Bullard Wireless Remote Video Transmitter (sold separately). Used together, these products enable Incident Commanders the opportunity to monitor two different thermal imagers being used at the same location by toggling back and forth between signals. The channel change switch is located on the top panel. The video can be viewed either directly from the receiver units or through the DVR. To toggle between the two, press the V1/V2 button on the LCD display. The image with the additional time and date information is the DVR image and the standard image is viewed directly from the receiver. The Mobile Command Center is compatible with all U.S. and many European versions of Bullard transmitter and thermal imager models.

WARNING

Read all instructions and warnings before using this product. Your Mobile Command Center is like any other tool. It must be used properly and safely. All users should be trained on the proper and safe use of thermal imaging prior to using the Mobile Command Center. This is especially important for users who may use the Mobile Command Center in hazardous or IDLH (immediately dangerous to life and health) environments. Failure to follow this information could result in death or serious injury.

Turn-on Procedure

1. Connect the external antenna to the right side of the Mobile Command Center.
2. Turn on Bullard transmitter.
3. Turn the Mobile Command Center power switch to the "ON" position.
4. The DVR power switch should be in the "DC" position. The switch is located on side of unit.
5. Confirm that the receiver signal indicator light is green. If the LED is not green, confirm that the receiver and transmitter are on the same channels.
6. If the LCD screen is not powered on, turn on the LCD Screen by pushing the power button, located on the lower left of the LCD Screen. Confirm the LCD Display buttons light up blue.
7. After a short delay (within a few seconds), the image will appear on the screen.

AC Power Operation

AC power operation is accomplished by connecting the AC power cable to the side of the unit and setting the front panel power switch to the "ON" position (right). The internal battery is being charged in this mode, and the battery indicator light should start flashing (green if the battery is full; red if the battery is charging). The unit will run indefinitely in this mode of operation, and the battery will eventually go into a float charge mode. The unit can be turned off with the front panel power switch placed in the off position and the battery will continue to charge.

Tips on how to extend the life of the internal SLA battery can be found at: <http://www.irlight.com/batterycare.html>



External DC Power Operation

External or vehicular power operation is accomplished by connecting a DC power cord (car adaptor) to the unit and setting the front panel power switch to the "ON" position. The unit will run automatically from a 12 volt vehicular power supply. The battery does not charge while operating on DC power.

Internal DC Power Operation

The Mobile Command Center is equipped with an internal battery capable of running all operations for more than three hours. Operating the Mobile Command Center using the internal battery is accomplished by setting the front panel power switch to the "ON" position without any power cords attached to the unit. The LED should show a solid green color indicating that the Mobile Command Center is operating on.

LED Indicator

When the Mobile Command Center is plugged in to 110 AC or 240AC, the battery automatically goes into charge mode. When in charge mode, the indicator flashes red. When the battery is fully charged, the light flashes green. When the Mobile Command Center is operating on battery only power, the light will show solid green, indicating high battery charge. The LED light will show solid red when operating on a low charged battery. The solid red LED also indicates a need for the battery to be recharged. Approximately 15-20 minutes of additional run time is available after the battery indicator shows solid red.



Wireless Receiver

Received Signal Indicator

The received signal indicator is a bi-colored LED that is green when video is present at the receiver output and is red when no video is detected. If the LED remains red after turn-on, confirm that the receiver and transmitter units are on the same channel and are both on.

Channel Select

Channel select is accomplished through a toggle switch on the front panel.

Display

The 15.4" LCD display features controls in the panel on the bottom of the screen. The controls include brightness and contrast and can be adjusted through push button controls.

Display Operation

Upon power up, the unit will take a few seconds for the image to be visible on the LCD. If a screen with static appears, and the receiver status indicator is not green, the recovered video may not appear at the monitor. A green LED showing for the receiver status indicates a strong video signal.

On-Screen Display Control Buttons

MENU	Activate OSD menu or exit OSD setting
+	Decrease setting
-	Increase setting
V1V2	Toggles video input source from receiver to DVR and back
POWER	Turn on or off the monitor

Display Cleaning

Should the monitor get dirty, it may be cleaned with a damp cloth.



NOTE

Do not clean the unit or LCD Display with harsh detergents or alcohol.

Dry Erase Surface Cleaning

The light grey surface on the inside, lower portion of the Mobile Command Center functions as a dry erase surface. You can write on this surface using any standard dry erase marker. Periodic cleaning can be conducted with a damp cloth, glass cleaner or other multi-surface cleaner; however, these cleaners should not be used on any of the electronic surfaces within the Mobile Command Center.

Operating the Digital Video Recorder

The DVR is a digital video recorder. The Mobile Command Center is capable of simultaneously viewing a recorded video both from the monitor and through the DVR.

1. Begin recording of the image by pressing the "REC" button on the DVR. The red LED will begin to flash indicating that recording is in operation.
2. Stop recording by pressing the "STOP/EXIT" button. The red LED will stop flashing.
3. Playback recorded video by pressing the V1V2 button on the bottom of the LCD to select AV2. Press "Play/Pause" button on the DVR.
4. The removable memory card is located on the back of the DVR unit. Simply push in to eject the memory card.
5. In order to set the date and time, press the V1V2 button on the bottom of the LCD to select AV2. Press the "Menu" button on the DVR and then use the navigational arrow buttons on the DVR to adjust the settings. Pressing "Enter" on the DVR will select the menu item from the list.

WARNING

Do not use solvents or paint thinners to clean your Mobile Command Center as they could permanently mar the surface or degrade the protective properties of the casing.

Do not intentionally submerge the unit underwater or subject the unit to high pressure water. Follow care instructions described above.

Failure to observe these instructions may result in product damage. Any damage caused by improper care is not covered under warranty.

WARNING

Do not attempt to disassemble the Mobile Command Center. If the unit is not functioning promptly return it to Bullard for evaluation. Disassembling the unit voids all warranties.

Like thermal imagers sold at the time of this printing, the Bullard Mobile Command Center is not certified as intrinsically safe.

Failure to follow this information could result in death or serious injury.

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Service

If your Bullard Mobile Command Center is not performing properly, please contact Bullard Customer Service at 877-BULLARD (285-5273). Outside the US & Canada, call 1-859-234-6611. Describe the problem to the Bullard representative as completely as possible. For your convenience, your representative will try to help you diagnose or correct the problem over the phone. Before returning your Bullard Mobile Command Center, you should verify with your representative that the product should be returned to Bullard. Bullard Customer Service will provide you with written permission and a return authorization number.

If the return is a non-warranty repair, a Bullard Customer Service Representative or your local distributor will provide you with a repair invoice estimate. To authorize repair, you must provide a purchase order to your distributor for the amount of the estimate. Once Bullard receives authorization from your local distributor, we will issue you a return authorization number so that you can return the unit to Bullard. If the cost of repairs exceeds the stated quote by more than 15% or by more than \$100, a Bullard representative will re-estimate your repair and your local distributor will contact you for authorization to complete repairs. After repairs are completed and the goods have been returned to you, your distributor will invoice you for the actual repair amount.

NOTE



Do not attempt to disassemble the sealed case of your Bullard Mobile Command Center. If the unit is not functioning properly, return it to Bullard (as described in the Service section) for evaluation.

Disassembling the unit voids all warranties.

Prior to returning your Mobile Command Center, decontaminate and clean your Mobile Command Center to remove any hazardous or contaminated materials that may have settled on the product during use. Laws and/or shipping regulations prohibit the shipment of hazardous or contaminated materials. Products suspected of contamination will be professionally decontaminated at the customer's expense.

Returned products will be inspected upon return to the Bullard facility.

Warranty

Bullard warrants to the original purchaser that the Bullard Mobile Command Center and all features/accessories installed in the unit are free of defects in materials and workmanship under intended use and service for a period of one (1) 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:

- a) Article must be returned to Bullard with shipping charges prepaid.
- b) Article must not be altered from its original configuration.
- c) Article must not have been misused, abused, or damaged in transport.
- d) Maintenance and field replaceable items, if defective, are covered under warranty for a ninety (90) day period. These items include:
 - Batteries
 - Straps
 - Display covers
 - AC/DC adapters
 - All accessories except transmitter and Mobile Link or Mobile Command Center remote receivers

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 one (1) year from the date of manufacture of this Mobile Command Center.

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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