

USER MANUAL

TARGET BLU EYE 2 LED DISPLAY + LASERTRACK



TARGET
BLU EYE 2

Know what's out there...



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INTRODUCTION

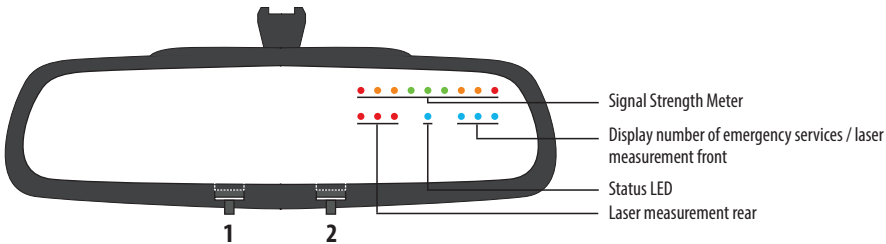
Thank you for choosing Target Blu Eye 2. With Target Blu Eye, you will always be alerted well in advance of approaching emergency services, including ambulances, fire trucks, police, and unmarked surveillance vehicles, even when they are traveling at high speed without flashing lights or sirens.

Emergency services use so-called Tetra radio systems. Once the radio in an emergency vehicle is activated, it periodically sends ultra-short pulses to the antenna towers in the C2000 network. These pulses are detected by Target Blu Eye and converted into an alert signal.

As a result, Target Blu Eye significantly enhances your safety, the safety of emergency services, and the safety of your fellow road users.

LED DISPLAY FUNCTIONS

The LED display is installed by the installer behind the glass of your rearview mirror. The display can be operated using buttons 1 and 2 located at the bottom edge of the mirror.



SIGNAL STRENGTH METER (MONO/STEREO) (Adjustable on the Blu Eye website)

- MONO DISPLAY:** The signal strength meter extends from the center to the right.
A diagram showing a row of 10 LEDs. The first 4 LEDs on the left are white, the next 3 are green, the next 2 are orange, and the last 1 on the right is red. A blue dot is positioned below the 4th LED from the left.
- STEREO DISPLAY:** The signal strength meter extends from the center to the left and to the right.
A diagram showing a row of 10 LEDs. From left to right: 1 red, 2 orange, 3 green, 2 orange, 1 red. A blue dot is positioned below the 4th LED from the left.

VISUAL AND ACOUSTIC ALERTING FOR APPROACHING EMERGENCY SERVICES

If an emergency service is approaching, you will receive the following notifications:

- The LEDs of the signal strength meter light up from green to red. Green indicates a greater distance from an emergency service, while red means the emergency service is in your immediate vicinity.
- An acoustic warning signal can be heard.

Communication form	Acoustic warning signal Target Blu Eye	Explanation
Periodic registration	Short, repetitive, usually at a 4-second interval. 	Emergency service vehicles register periodically with the nearest C2000 mast, even if the mobile phone or radio is not being used for communication. This periodic registration is recognized by Target Blu Eye, which alerts you with a short, repeating signal (usually every 4 seconds).
Communication and data messages	Repeating interval: double tone within one second. 	When emergency services communicate with each other or with the control room, Target Blu Eye recognizes this. You will be alerted by a double tone within one second. This also applies if data messages are sent from the emergency service vehicle.

MEMORY FUNCTION FOR ON/OFF SWITCHING

Target Blu Eye features a memory function for turning on or off. Do you want to prevent your system from automatically turning on when the ignition is activated?

- Press and hold button 1 for 2 seconds before turning off the car's ignition:
a short sound signal will be heard, and the status LED will turn off.
- The system is now off and will remain off when the ignition is turned on again.
- To turn on the system, press and hold button 1 for 2 seconds:
the system will start up, and the status LED will light up blue.

VOLUME AND BRIGHTNESS

Activate the settings menu to adjust the volume of the signal generator and the brightness of the display to your personal preferences.

Press and hold both buttons simultaneously for at least 2 seconds:

a short sound signal will be heard, and the status LED will light up yellow.

- **VOLUME:** Press button 1 repeatedly until the desired volume is reached. The left side of the signal strength meter indicates the minimum volume (green is volume 0) and maximum volume (red). There are 5 different levels to choose from. **IMPORTANT:** If you choose to set the volume to 0, the **DIM-ON-RED FUNCTION** can no longer be used. This would, in the event of a very strong signal (red), lead to a 'non-functioning system'. No sound and no picture.
- **BRIGHTNESS:** Press button 2 repeatedly until the desired brightness is reached. The right side of the signal strength meter indicates the minimum brightness (green) and maximum brightness (red). There are 5 different levels to choose from.

The settings menu will automatically exit after 30 seconds. You can also exit the menu by pressing both buttons simultaneously for 2 seconds. The changed settings will be saved. The status LED is blue.

AUDIO MODE (Adjustable on the Blu Eye website)

You can choose from two different acoustic alarms:

1. **Standard**
Regardless of the signal strength, a warning signal is audible once every 4 seconds upon detection.
2. **Adaptive**
Depending on the signal strength, a single, double, or triple warning signal can be heard..
 - Green: single warning signal
 - Yellow: double warning signal
 - Red: triple warning signal

TEMPORARY MUTE

This temporarily suppresses the acoustic alarm.

Press button 1 once briefly to activate the **TEMPORARY MUTE** function: **a short sound signal will be heard, and the status LED will fade blue, turning on for 1 second and then briefly off.**

The **TEMPORARY MUTE** status remains activated for 30 seconds after the last notification. With a new notification, you will automatically be alerted again by the acoustic signal.

CONTINU MUTE

This continuously suppresses the acoustic alarm.

Press button 1 twice briefly to activate **CONTINUOUS MUTE**:

you will hear 2 short sound signals, and the status LED will fade blue, turning on for 2 seconds and then briefly off.

The **CONTINUOUS MUTE** status remains activated for the entire journey. Pressing button 1 again briefly or reactivating the ignition will turn off **CONTINUOUS MUTE**.

DIM-ON-RED (Adjustable on the Blu Eye website)

DIM-ON-RED automatically turns off the entire display in the event of a very strong signal (red). When the LED display is installed in the rearview mirror of your car, this function is designed to minimize distractions for traffic behind you.

NOTE!

If **TEMPORARY MUTE** or **CONTINUOUS MUTE** is selected and **DIM-ON-RED** is active, an acoustic notification will still be given during **DIM-ON-RED** when the display turns off.

CITY MODE

In **CITY MODE**, a threshold for alarms is set. This setting is recommended in urban areas when there are many strong emergency service signals.

CITY MODE has 3 levels:

- Level 1: 1 green LED.
- Level 2: 2 green LEDs (3 green LEDs in stereo mode).
- Level 3: 2 green + 1 orange LED (3 green and 2 orange LEDs in stereo mode).

Press button 2 once briefly and then press it again within 5 seconds until the desired level is selected. After 5 seconds, the LEDs of the chosen **CITY MODE** level will light up steadily, and the setting will be saved.

DARK MODE (Configurable on the Blu Eye website)

When **DARK MODE** is selected, the display will turn off 15 seconds after the last notification. As soon as a notification comes in, the display will automatically turn on. Pressing either of the buttons will also turn the display on.

LASERTRACK

REMOTE CONTROL

When LaserTrack is used as a remote control, the status LED is blue. Once a programmed electric door or gate comes within the range of LaserTrack, the following notifications will occur:

- Three short sound signals will be heard.
- The status LED will fade green.
- 3 white LEDs (headlights) will blink: contact with the remote transponder at the front.
- 3 red LEDs (taillights) will blink: contact with the remote transponder at the rear.

The door or gate will now automatically open.

LASER PROTECTION

When the laser protection function of LaserTrack is activated, the status LED is green.

NOTE! Disrupting signals from police laser guns is not permitted everywhere. Check local legislation before activating this function.

VISUAL AND ACOUSTIC SIGNALS DURING A LASER MEASUREMENT

- An alarm tone will sound.
- The status LED will light up red.
- 3 white LEDs (headlights) will blink: laser measurement at the front of the car.
- 3 red LEDs (taillights) will blink: laser measurement at the rear of the car.

Laser protection is active for the programmed duration and will then stop automatically.

The status LED will fade red during the cooldown period programmed on the website (1 to 5 minutes).

At the end of the cooldown, a triple audio tone will sound, and the status LED will turn green.

Laser protection is now active.

PAUSING LASER PROTECTION/DELETING LASER PROTECTION SOFTWARE

Laser protection can be paused during a laser measurement.

Press either button briefly:

- The status LED will fade red during the cooldown period programmed on the website (1 to 5 minutes).
- At the end of the cooldown, a triple audio tone will sound, and the status LED will turn green.
- Laser protection is now active.

Laser protection software deletion:

- Press and hold button 2 for 3 seconds.
- A multi-tone sound signal will sound for 5 seconds.
- The status LED will light up blue: laser protection and laser detection are now deleted.
- The remote control function for automatic gates and/or doors remains active.

Deleting Laser Protection Software During a Laser Alarm:

- Press and hold button 2 for 3 seconds.
- A multi-tone sound signal will sound for 5 seconds.
- The status LED will light up blue for 3 seconds and then transition to cooldown: laser protection and laser detection are now deleted.
- The remote control function for automatic gates and/or doors remains active.

To restore the laser protection function, the software of LaserTrack must be reinstalled.



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