

USER MANUAL

TARGET BLU EYE 2 LCD DISPLAY + LASERTRACK



TARGET
BLU EYE 2

Know what's out there...



CONTENT

INTRODUCTION OF TARGET BLU EYE	3
DETECTION DISPLAY / SIGNAL STRENGTH METER	4
VISUAL AND ACOUSTIC ALERTS FOR APPROACHING EMERGENCY SERVICES	4
MUTE	5
CITY MODE	6
VOLUME	8
AUDIO MODE	9
BRIGHTNESS	10
INSTALLER MODE	11
DIM-ON-RED	12
ENABLE/DISABLE CHANNEL NUMBER DISPLAY	13
DARK MODE	14
CHANNEL MUTE ON OR OFF	15
LASERTRACK DISPLAY	18
REMOTE CONTROL	18
LASER PROTECTION	18
VISUAL AND ACOUSTIC SIGNALS DURING LASER MEASUREMENT	19
PAUSE LASERTRACK	20
RESTORE FACTORY SETTINGS	21
HARDWARE AND SOFTWARE INFORMATION	22
MEMORY FUNCTION FOR POWER ON/OFF	23
ERROR MESSAGES	23

INTRODUCTION

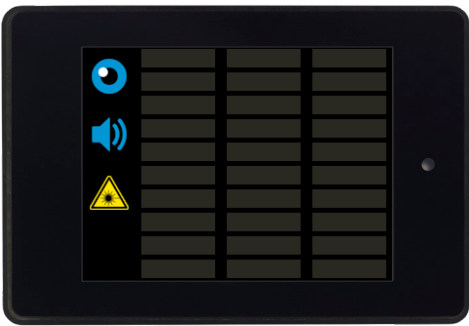
Thank you for choosing Target Blu Eye 2. With Target Blu Eye, you will always be alerted well in advance of approaching emergency services, including ambulances, fire trucks, police, and unmarked surveillance vehicles, even when they are traveling at high speed without flashing lights or sirens.

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.

DETECTION DISPLAY/SIGNAL STRENGTH METER

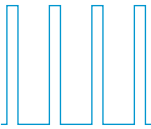
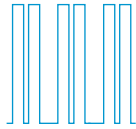
The display automatically starts in detection mode after the ignition is switched on. On the left side of the screen, the blue laser icon indicates the connection with LaserTrack. When laser protection is activated, the laser icon turns yellow.



VISUAL AND ACOUSTIC ALERTS FOR APPROACHING EMERGENCY SERVICES

When an emergency service approaches, you will receive the following alerts:

- The bars of the signal strength meter light up from green to red. Green (a weak signal) indicates a greater distance to the emergency service. Red (a strong signal) means the emergency service is in your immediate vicinity. The signal strength meters can display up to three different emergency services simultaneously, each with its own signal strength. It is possible that one vehicle emits two equally strong signals. This could indicate that there are two emergency personnel in the vehicle, each carrying a radio.
- An audible warning signal will also be heard.

Communication Method	Acoustic Warning Signal Target Blu Eye	Explanation
Periodic Registration	Short, repetitive, usually at 4-second intervals 	Emergency service vehicles periodically register with the nearest C2000 tower, even if the mobile phone/radio is not being used for communication. This periodic registration is recognized by Target Blu Eye. You will be alerted by a short, repetitive signal (usually every 4 seconds).
Communication and Data Messages	Repetitive 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 when data messages are sent from the emergency service vehicle.

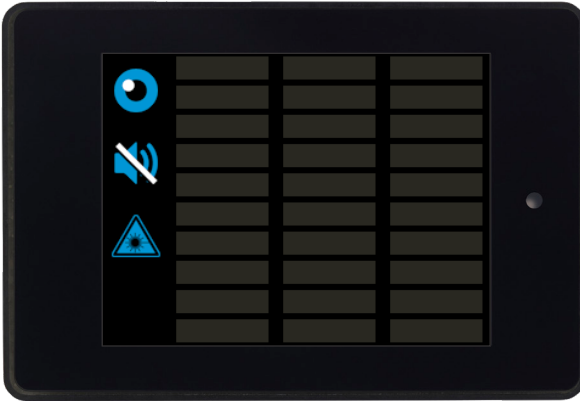
MUTE

This suppresses the acoustic alarm.

TEMPORARY MUTE

Tap the screen once briefly to activate **TEMPORARY MUTE**: a short sound signal will be heard, and a diagonal white line will appear through the speaker icon.

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



CONTINUOUS MUTE

Tap the screen twice briefly to activate **CONTINUOUS MUTE**: two short sound signals will be heard, and a white cross will appear through the speaker icon.

The **CONTINUOUS MUTE** status remains activated for the entire journey. Tapping the screen again briefly or reactivating the ignition will disable **CONTINUOUS MUTE**.



CITY MODE

In **CITY MODE**, a threshold value for alerts is set. Signals up to and including this threshold value are displayed only visually. This setting is recommended in urban areas where there are many and strong emergency service signals.

CITY MODE is set as follows: tap on the right side of the screen (red outlined in the image).



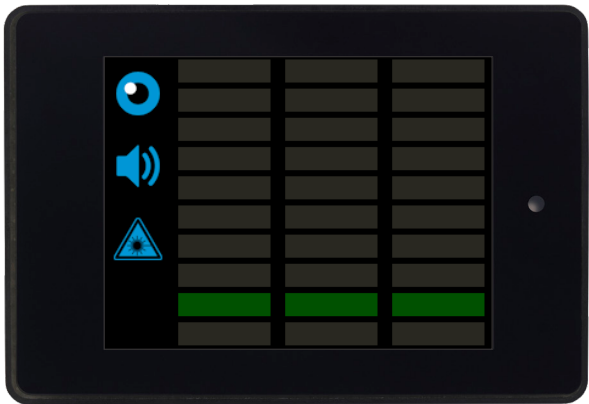
The following screen appears.



Tap on **CITY MODE**:
the **CITY MODE** setting appears. In the example, **CITY MODE** is set to a threshold value of two signal bars.



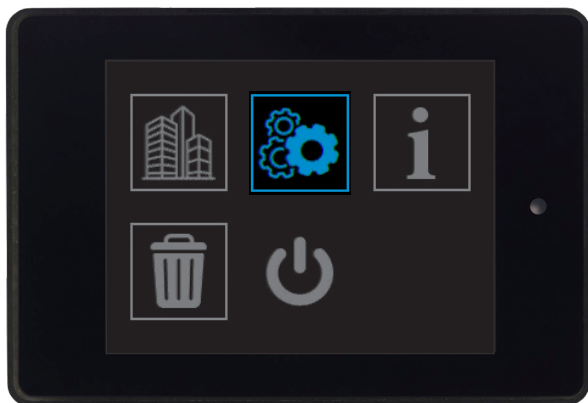
Tap twice on the right side of the screen: the display returns to the detection view. The set threshold value is displayed.



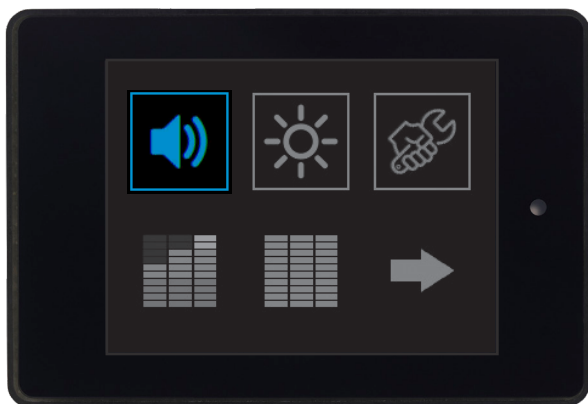
VOLUME

Tap on the right side of the screen: the main settings screen appears.

Tap on **SETTINGS**:



The following screen appears.

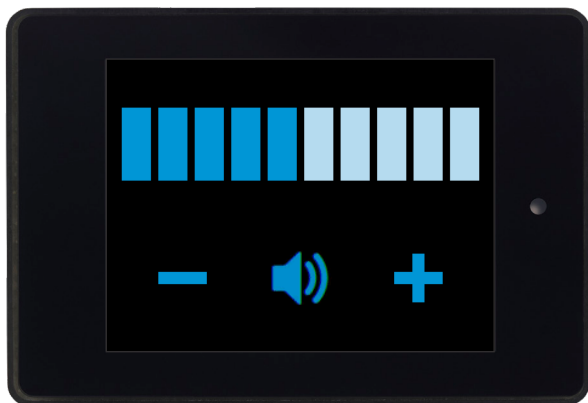


Tap **VOLUME**:

the volume can be adjusted in 10 steps. If you set the volume to '0', the speaker icon will turn grey.

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.

The **DIM-ON-RED** icon turns gray.



AUDIO MODE

There are two acoustic alert options to choose from:

1. **Standard**
regardless of the signal strength, a warning tone is heard once every four seconds when a detection occurs.
2. **Adaptive**
Depending on the signal strength, a single, double or triple warning tone will be heard.
 - Green: single warning tone
 - Yellow: double warning tone
 - Red: triple warning tone

Tap the speaker icon briefly to select the desired audio mode.

- 1 speaker icon: standard mode
- 3 speaker icons: adaptive mode

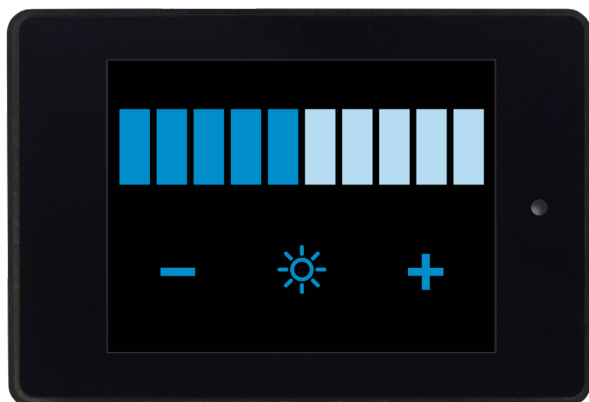


Tap the right side of the screen to return to the previous view.

BRIGHTNESS



The brightness can be adjusted in 10 steps.



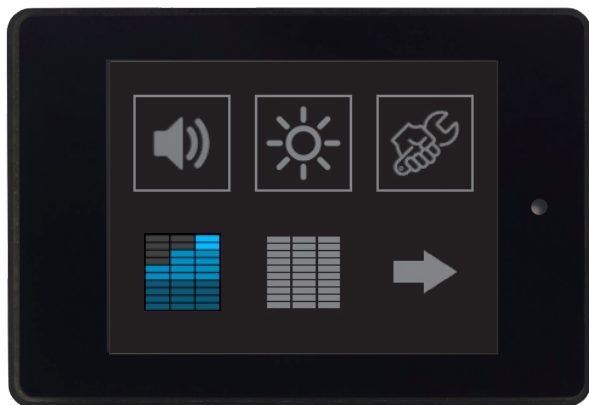
Tap the right side of the screen to return to the previous view.

INSTALLER MODE



With **INSTALLER MODE**, the optimal location for the Blu Eye antenna can be determined. All details about this can be found in the 'Installation Manual' under the 'Downloads' section on the Blu Eye website.

DIM-ON-RED



DIM-ON-RED automatically switches off the entire display when a very strong signal (red) is detected. When mounting the LCD display in a location visible to other traffic, this function is intended to avoid distracting the attention of drivers behind you.

Tap briefly on the **DIM-ON-RED** icon to switch this feature on or off.

DIM-ON-RED off:



DIM-ON-RED on:



ATTENTION!

When **TEMPORARY MUTE** or **CONTINUOUS MUTE** is selected and Dim on Red is active, an acoustic alert will still be given during **DIM-ON-RED** when the display switches off.

If you set the volume to '0', **DIM-ON-RED** cannot be activated.

CHANNEL NUMBER DISPLAY ON OR OFF

When **CHANNEL NUMBER DISPLAY** is enabled, each channel shows its channel number at the bottom. A letter is shown in front of the number: L (low) indicates the low band and H (high) indicates the high band.

Tap the channel number display icon briefly to switch this function on or off.



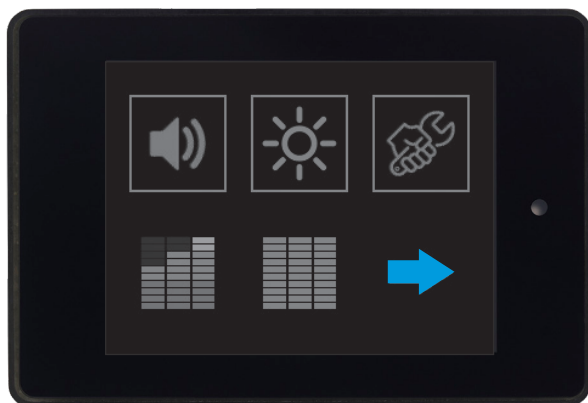
CHANNEL NUMBER DISPLAY off:



CHANNEL NUMBER DISPLAY on:



Tap the arrow to proceed to the next screen.



DARK MODE

When **DARK MODE** is selected, the LCD display turns off 15 seconds after the last alert. As soon as a new alert comes in, the display automatically turns back on. Tapping the screen once will also turn the display back on.



DARK MODE off:



DARK MODE on:



CHANNEL MUTE ON OR OFF

In some countries, Tetra radio frequencies are also used by, for example, public transport services. To prevent unwanted notifications, you can activate **CHANNEL MUTE**. This allows you to mute the unwanted channel numbers permanently.

To apply **CHANNEL MUTE** in a reliable way, we recommend that you turn on **CHANNEL NUMBER DISPLAY**. This way you can see which channel numbers are always active in the vicinity of public transport services, for example. This allows you to suppress the desired channels in a more targeted way.

To turn this feature on or off, tap and release the **CHANNEL NUMBER DISPLAY** icon.



CHANNEL MUTE off:



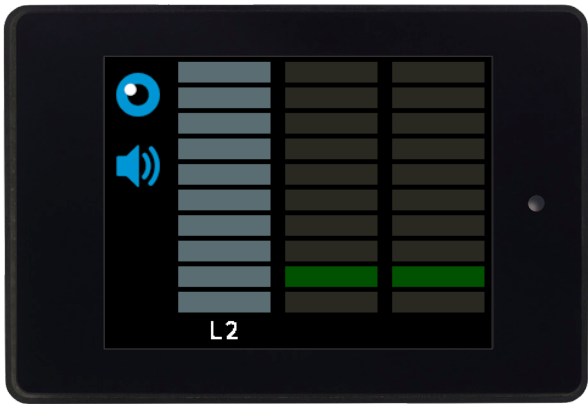
CHANNEL MUTE on:



APPLY CHANNEL MUTE



If you want to mute a channel, press the signal bar of the channel in question and hold it for 2 seconds. A short beep sounds.



The signal bar will turn gray. From now on, no more alarms will be given for this channel.

ELIMINATE CHANNEL SUPPRESSION

There are three ways to unmute channels:

1. To unmute one or multiple channels:

Press and hold the signal bar of the muted channel for 2 seconds. A short beep sounds. The signal bar will be colored; The suppression for this channel has been lifted.

2. To temporarily unmute all channels:

Turn off channel mute. This will remove all previously chosen suppressions. When you turn channel mute back on, the suppressed channels will be active again.

3. Permanently unmute all channels:



Press and hold the  or  icon for 2 seconds. A short beep sounds. All suppressed channels have now been erased from memory.

PLEASE NOTE that this action cannot be undone.

Tap the arrow to return to the previous screen.

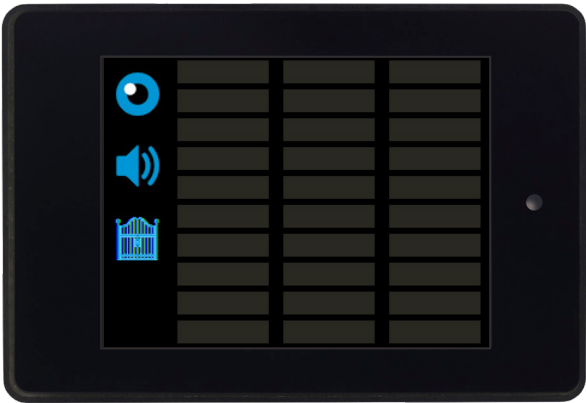
Tap the right side of the screen to exit the settings menu.



LASERTRACK

REMOTE CONTROL

As soon as a programmed electric door or gate comes within the range of LaserTrack, three short audio signals are emitted, and the blue laser icon changes to a gate icon. The door or gate will now open automatically.



LASER PROTECTION

When the laser protection function of LaserTrack is activated, the laser icon turns yellow.

Note! Disturbing signals from police laser guns is not allowed everywhere. Check local legislation before activating this function.



VISUAL AND ACOUSTIC SIGNALS DURING A LASER MEASUREMENT

During a laser measurement at the front of the vehicle:

- A yellow laser icon appears on the screen.
- The background is white (headlights).
- An alarm tone sounds.
- The brand and type of laser gun are displayed.



During a laser measurement at the rear of the vehicle:

- A yellow laser icon appears on the screen.
- The background is red (taillights).
- An alarm tone sounds.
- The brand and type of laser gun are displayed.



Laser protection is active for the programmed duration and then stops automatically. Laser protection can be paused at any time by tapping briefly on the screen.

The system enters Cooldown.

- During Cooldown, laser protection is not active.
- Cooldown is indicated by a fading red border around the laser icon.
- Upon completion of the cooldown, a triple audio tone sounds, and the laser icon turns yellow.
- Laser protection is now active.



PAUSING LASERTRACK

Tap briefly on the yellow LaserTrack icon:
the icon turns blue and blinks, and laser protection is inactive.



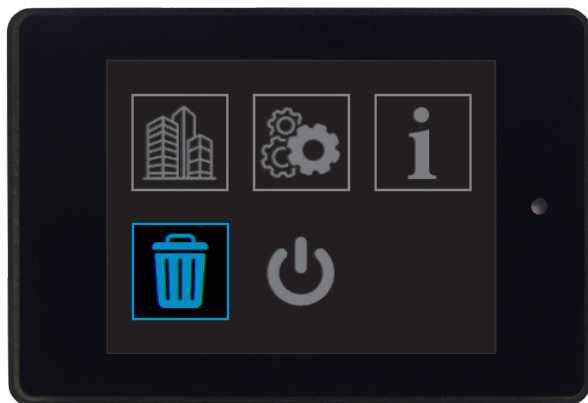
RESUME PAUSING

Tap briefly on the blue LaserTrack icon:
the icon turns yellow, and laser protection is active.



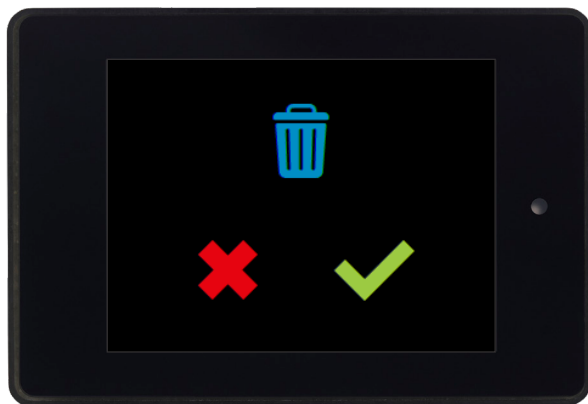
RESET TO FACTORY SETTINGS

This removes laser protection. Use this function when traveling to a country where laser protection is not allowed.



Tap on **REMOVE:**

The following screen appears. Tap on the red cross to cancel. Tap on the green checkmark to confirm.



- A multi-tone audio signal sounds for 5 seconds.
- The trash bin icon blinks.
- Laser protection and laser detection have now been cleared.
- The remote control function for automatic gates and/or doors remains active.

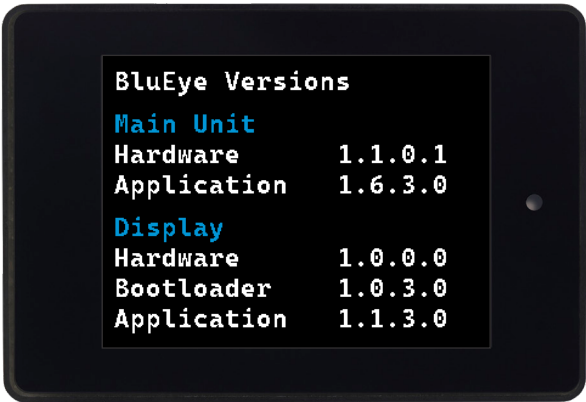
To restore the laser protection function, the software of LaserTrack must be reinstalled.

INFORMATION ABOUT HARDWARE AND SOFTWARE

Tap on **INFORMATION**:

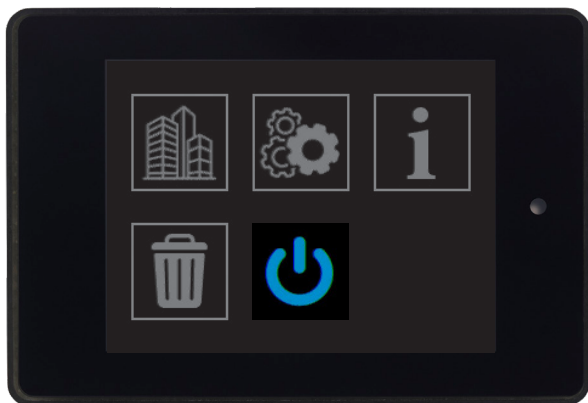


All data about hardware and software versions will be displayed.



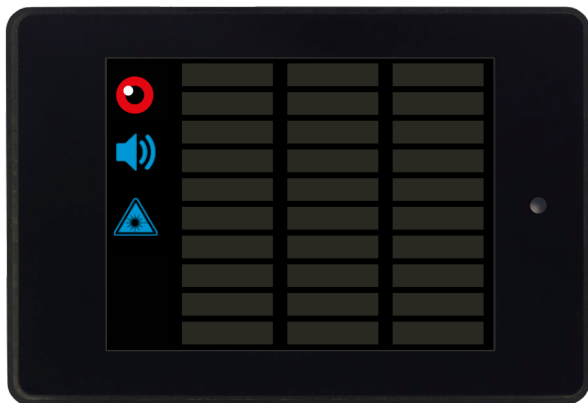
MEMORY FUNCTION FOR ON/OFF

Tap on **TURN OFF** to disable the system. When the vehicle's ignition is turned back on, the system remains disabled. You can re-enable the system by tapping once briefly on the screen.



ERROR MESSAGES

Blu Eye performs a self-diagnosis. If a malfunction occurs unexpectedly, a warning tone sounds, and the Blu Eye logo temporarily turns red. If this message persists, please contact your supplier.





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