Dear Motorist,

Congratulations on the purchase of your TARGET EURO 330 from Beltronics.
You are now the owner of one of the world's most advanced radar/laser detectors.

The TARGET EURO 330 is derived from the successful Bel 970 platform and sets new standards in radar and laser reception and versatility. All the TARGET EURO 330's features are easily accessed via a sophisticated yet easy-to-use user interface.

The foundation for this unique product is provided by the efforts of a team of expert and highly dedicated engineers, renowned worldwide for their skills in high frequency signal reception.

During the nineties, these engineers were the first (and to date only) team to develop a product that could consistently detect the Swiss Multanova 6F system, previously considered to be undetectable, at distances of several hundred metres.

Beltronics, in collaboration with Target Automotive (European partner & distributor), have developed the TARGET EURO 330 to meet the special requirements of the European market.

The Euro 330 leads its class as a result of its superior radar reception sensitivity, particularly on GATSO photographic speed traps. The TARGET EURO 330 also unfailingly detects all laser based speed monitoring devices. The use of GSM de-sensing Technology™ and suppression filters (specially developed for use in Europe) make the TARGET EURO 330 not only a quiet, but also an extremely reliable driving aid. The use of high-grade components and an ISO 9002 certified production and inspection system guarantee the reliability and durability of this Beltronics/Target product.

We are confident that your TARGET EURO 330 will become a trusted traveling companion and will make a contribution to a more relaxed and concentrated driving style.

Yours sincerely,

Target Automotive BV

(rel. 1-3-2001)

Radar-alert

When a radar signal is detected, the detector indicates this with an alert signal and the radar frequency is indicated in the display. The alert signals from your TARGET EURO 330 are affected both by the position of the radar source and by reflective objects in the immediate vicinity (e.g. other traffic, crash barriers and traffic signs). If you are driving towards a radar source, the intensity of the received signal increases. As a result, the display shows both more signal blocks and a higher numerical value (1-9), and you hear more audible signals with shorter intervals.

Laser alert

When a laser signal is detected, the detector reports this with an alert signal and the text message **LASER** flashes in the display.

Total Tracking Laser™ (TTL™)

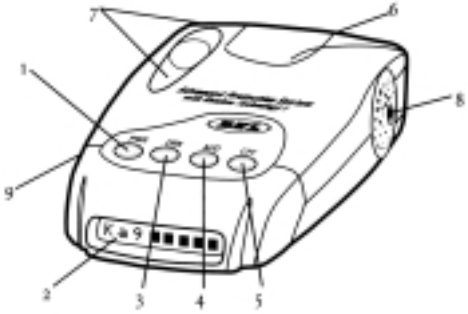
In contrast to radar signals, which are highly reflective, laser signals hardly reflect at all. Many current laser detectors are not sensitive enough to detect laser signals in a wide “field of vision”. The TARGET EURO 330 is equipped with the best in laser detection technology from Beltronics. Double laser gates detect not only the energy of the main laser beam, but even signals far outside the axis of the main beam. This provides a maximum “field of vision” of 360°. The alert signals emitted by the detector are identical, regardless of whether the signals are received from in front of or behind the vehicle.

Voltage meter

The vehicle-battery voltage is measured continuously. This guarantees that the detector is functioning optimally. The correct supply voltage for the detector is between 10.5 and 16 V. If the voltage exceeds 16.0 V, the message **HVoltage** will flash in the display. The message will not disappear from the display until the voltage is back to a normal level again. If the voltage falls below 10.5 V, the message **Battery** appears in the display. In this case too, the message will not disappear from the display until the voltage is back to a normal level again.

Shadow Technology II

The TARGET EURO 330 is equipped with Shadow Technology®. This technology renders the TARGET EURO 330 invisible for the Interceptor VG-2 (Radar Detector detector) and other equipment for remote detection of radar detectors.



1. **PWR button (On-off / start-up mode):** press **PWR** to switch the unit on. TUTORIAL (demonstration mode), Q-START (fast start) and NORMAL (start-up mode) can also be activated with the **PWR** knob.

2. **Display for text messages:** all the selected settings are shown in this display. The radar band and signal strength and the presence of laser equipment are also indicated in the display.

3. **DRK button (Maximum / Dim / Minimum):** for adjusting the display brightness to your requirements.

4. **AUD button (Volume adjustment):** for adjusting the detector volume or switching the sound off entirely during a radar alert.

5. **CTY button (City / Motorway):** You can choose between motorway and city mode in order to increase the sensitivity of the detector on motorways and to reduce the sensitivity in areas with many radar sources.

6. **Antenna opening:** this side of the detector should point to the front of the vehicle.

7. **Optical sensors for laser signals:** these capture laser signals transmitted from in front of or behind the vehicle.

8. **Loudspeaker:** for emitting all audible signals.

9. **Connection for power supply:** the TARGET EURO 330 is connected using the connecting cable supplied with the unit and can be used in any vehicle with a 12 volt power supply.

General guidelines

Do not mount the detector directly behind the windscreen wipers or any reflective strips applied to the top of the windscreen. These block radar and laser signals and substantially reduce the sensitivity of the unit and probability of detection. Normal tinted glass does not affect the reception of radar or laser signals. This is in contrast to the solar-reflecting windscreens used by some car manufacturers. Radar signals are also reflected by heated windscreens, available as an option on certain vehicles. This type of windscreen will prevent a radar detector from functioning correctly if mounted on the dashboard or visor or behind the windscreen. In case of doubt we advise you to contact your dealer. For optimum performance, observe the following basic guidelines, regardless of the chosen mounting point:

1. When selecting a mounting point, take account of passenger safety. Choose a mounting point at which the unit cannot present a danger to yourself or passengers.

2. For optimum detection install the detector in such a way that it has unhindered reception from front and rear and is not obstructed.

3. Ensure that the detector does not touch the windscreen. This will avoid unnecessary vibration.

4. Do not place the detector in direct sunlight. In the summer the temperature in a closed car can get so high that this will be detrimental to the life of the detector.

5. The detector is not waterproof. If it comes into contact with water, electronic circuits may be damaged. Defects caused in this way are not covered by the warranty.

The detector can be fitted in 3 different ways:

- Fitting to the windscreen
- Fitting to the sun visor
- Mounting on the dashboard

Fitting to the windscreen:

1. Assemble the mounting bracket as indicated in figure 2.

Figure 2

2. Remove the mounting bracket cover on top of the unit by pushing in the rough part and at the same time sliding it backwards. Keep the cover safely.

3. Clean the windscreen at the point at which you intend to fit the unit, place the suction cups against the windscreen and press each suction cup firmly.

4. You can adjust the angle of the mounting bracket so that it is horizontal.
   See figure 3.

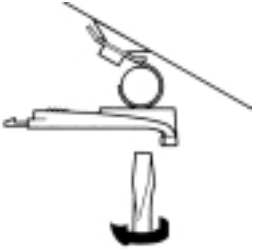


Figure 3

5. Slide the detector on to the base plate until it clicks into place. See figure 4.

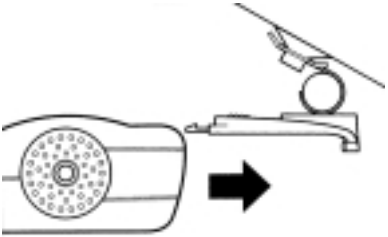


Figure 4

Fitting to the sun visor

1. Remove the cover from the mounting bracket on top of the unit by pushing in the rough part and at the same time sliding it backwards. Keep the cover safely.

2. Slide the detector on to the base plate until it clicks fast. See figure 5.

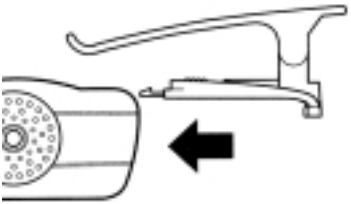


Figure 5

3. Clip the detector to the edge of the sun visor as close as possible to the windscreen. See figure 6.

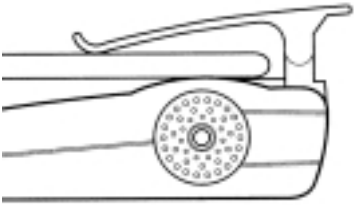


Figure 6

Mounting on the dashboard

You can also mount the unit on a flat section of the dashboard using the hook and loop fastener or with the four anti-slip feet supplied with the unit.

Replacing fuse

1. If the fuse has blown, you should remove the top of the cigarette-lighter plug and then remove the old fuse (see figure 7). Replace the fuse with a 1A fuse (3AG). If you fit a fuse with too high a rating or bridge the blown fuse, the detector or the electrical system in your car may be damaged. Defects caused in this way are not covered by the warranty.

Figure 7

The system is equipped with a user interface that is easy to use.

Using the PWR button you can select between:
Normal, Mods, Q-Start, Tutorial, Cancel.

Using the CTY button you can select between:
Motorway and City

BRIEF DESCRIPTION OF FUNCTIONS

Self-test / start-up mode

Each time you switch on your TARGET EURO 330 the detector carries out a self-test.
NB: if you press PWR during start-up, the test is skipped and the detector is ready for use.

If, after switching on the detector, you hold the **PWR** button pressed in, the following options will appear in succession in the display.
You can make a selection from these options by releasing the PWR button at the moment at which the relevant option appears in the display.

NORMAL (standard start-up mode)
During this test the selected options and functions are indicated:

- **Laser; Ka 9; K 8; K on/off; Ka on/off**
- **Amute** (audio mute); √/- (on or off)
- **SCRL fast/slow** (fast or slow text message scrolling in the display);
- **Motorway / City**

The unit is ready for use.
A tick next to a frequency or function means that it is switched on.
A horizontal line means that the frequency or function is switched off.

MODS (Modifications)

In this case any changes you have made from the factory settings are shown in the display. Once any changes have been shown in the display, the detector is ready for use.

Q-Start (Fast-start mode)

In this case the unit does not perform a start-up test and indicates **Motorway** or **City** immediately, depending on any choice you have made previously. The detector is ready for use.

TUTORIAL (demonstration mode)

In this practice mode you can familiarise yourself with all the audible signals and visual alerts.
Press the **PWR** button to close practice mode. The detector is ready for use.

'Set and Forget' memory

Whenever the TARGET EURO 330 is switched off or disconnected from the power supply, all selected settings are stored in the detector's memory. The 'Set and Forget' memory means that you do not have to re-enter your preferred settings every time you switch the detector back on.

In day-to-day use it may be useful to adapt your detector to changing circumstances. Your detector is therefore equipped with:

- Volume adjustment (1 - 9).
- Variable display illumination (minimum, dim, maximum and dim-set = adjustment of the dimmed setting to your personal preference)
- Signal suppression in order to prevent unnecessary alerts in situations where there are a lot of strong radar signals.

Adjusting volume

Action: press the AUD button and keep it pressed.

Result: the current volume is indicated in the display. You can choose from levels 1-9.

Action: release the AUD button at the moment the desired level is reached. *The new volume is now set.*

Switching off sound (Only during an alert signal)

Action: press the AUD button briefly during an alert signal.

Result: the indication "quiet" appears in the display and the sound of the detector is muted. The sound will remain muted until you press the AUD button again.

Display illumination

Action: press the DRK button briefly.

Result: the display will briefly show the indication Dark, Dim or Bright, after which the display will be on minimum, dimmed or maximum illumination. In the Dark setting only an abbreviation of the chosen setting; M(Motorway), or C(City) will appear.

Setting Dim

Action: press the DRK button and keep it pressed.

Result: the indication "Dim set" will appear in the display.

Action: keep the DRK button pressed in until the desired intensity of the "Dim" setting appears in the display. You can chose from 8 different settings. The maximum intensity is indicated by means of a short audible signal.

Result: the dim setting you have selected has been stored in the memory. Each time you select the "Dim" option in the display illumination menu the information in the display will be shown at the intensity you have selected.

Signal suppression

Action: press the CTY button briefly.

Result: the indication Motorway or City. will appear permanently in the display.

Explanation:
Selecting "City" does not affect the detector's reception sensitivity. At these settings the detector continues to receive the radar signals with the same sensitivity as if "Motorway" were chosen. In the "City" setting, however, you are only warned by acoustic signals once a certain signal-strength threshold is exceeded. However, if "City" has been selected, you will see a warning appear in the display even below this signal level.

- City; only the K band, where applicable, is suppressed.
- Motorway; the K band is not suppressed. The detector warns you immediately with audible signals as soon as a radar source is detected.

Use City only in areas where the "Motorway" setting could result in a large or excessively large number of unnecessary alerts as a result of door openers or other radar sources.

If the standard factory setting on your TARGET EURO 330 do not meet your requirements, you have the option to change them.

The following programming modifications are permitted:

- Switch **K** and **Ka** band on or off.
- Switch **Amute** (Audio mute) on or off (if you select audio mute off, on receiving a radar signal the detector will warn you with continuous audible signals. If you select audio mute on, the alert signal will change to a discreet clicking signal immediately after the first indication).
- Set the **scroll speed** (this is the speed at which text messages follow each other in the display.

The buttons on top of your detector have the following functions during programming:

PWR: confirm and close (the changes are stored)
DRK: previous
AUD: selection button
CTY: next

A tick after an option means that the option is switched on; a horizontal line after an option means that the option is switched off.

Activating the programme menu

Action: ensure that the detector has been switched off. While holding down the CTY button press the PWR button.
Result: the indication "FEATURES" will appear briefly in the display, followed by K on / off (flashing).

Switching K Band on or off

Action:
using the AUD button select on / off. Selecting on switches the K Band on. Selecting off switches the K Band off.

Ready?
Confirm your selection with PWR

Next?
Press CTY
The display will show Ka on / off
Continue with:
Switch Ka Band on or off.

Switching Ka Band on- or off

Action:
using the AUD button select on / off. Selecting on switches the Ka Band on. Selecting off switches the Ka Band off.

Ready?
Confirm your selection with PWR

Next?
Press CTY
The display will show Amute √/-
(on√ of off-)
Continue with:
Amute

Switching Amute on or off

Action:
using the AUD button select whether you are switching Amute on (√) or off (-)..

Ready?
Confirm your selection with PWR

Next?
Press CTY
The display will show SCRL fast / slow
Continue with:
SCRL

SCRL

Action:
using the AUD button select fast or slow

Ready:
Confirm your selection with PWR

Result: the display will briefly show the indication "EXIT" followed by: Motorway or City.
Any modifications are stored in the memory and the detector is ready for use.

Factors affecting radar alert signals

If you believe that the detector is not responding correctly, check whether the intensity and duration of an alert signal is possibly being affected by one or more of the following factors:

1. There is a lot of traffic between you and the police radar. As a result, signals are being blocked or reflected. If there are various heavy vehicles between you and the police radar, reception may also be very poor.

2. In rain and damp weather conditions signals may be absorbed before they reach your vehicle. This substantially reduces the chance of early detection.

Factors affecting laser alert signals

If you believe that the detector is not responding correctly to the presence of laser signals, check whether the range within which the laser beam can be detected is possibly being affected by rain, mist, high humidity or by the traffic situation.

Solutions for frequently occurring problems

If the unit is not functioning correctly, consult the following table.

Problem	Possible cause	Solution
Unit cannot be switched on	The plug is not correctly inserted.	Re-insert the power plug in the cigarette lighter socket and turn the plug.
	Power-cord fuse faulty.	Replace the fuse with a 1-A 250 V (3AG) fuse (see page 9).
	Cigarette lighter socket is not clean or has negative earth.	Contact your supplier.
	Fuse or electric wiring for the cigarette lighter connection is faulty.	Contact your supplier.
Poor detection range	Antenna / lens opening partially blocked.	Position the unit so that is has an uninterrupted “view” to front and rear.
	Radar signals are being blocked by the windscreen.	Check whether your car is equipped with a heated windscreen or a windscreen with solar reflection.
False or regular alerts	High concentration of K-band sources other than police radar.	Use the City mode
		Consult the section in this manual on Performance checking.
Display is not legible or is scarcely legible	Display has been dimmed or the dark setting has been selected.	Select a higher brightness. See page 12-13.

One year warranty

You may only claim under warranty if:

1. The defect relates to possible material or manufacturing faults. The warranty becomes invalid if the unit has become faulty as a result of damage, incorrect installation or modification or if the housing or the serial number has been removed from the unit.
2. You are the original purchaser and user. On sale of the unit the warranty may not be transferred to the new owner.
3. You have fully completed your warranty card and sent it to Complementary Technologies Ltd.

Radar frequencies
24.125 GHz (K-band), 34.3 GHz (Ka Narrow band)

Laser receiver
Total Tracking Laser receiver, 904 Nanometer

Operating temperature: -20°C to +60°C

Power supply: 13,8 V (range: 10,5-16-V), 250 mA

Type of radar antenna: patented die-cast horn with integrated transition to micro strip mixer.

Dimensions: 13,5 x 7,9 x 4,6 cm

Weight: 240 grams

Warranty conditions

1. The manufacturer warrants the soundness of the Target EURO 330. The warranty applies for a period of 12 months in respect of defects in materials and workmanship and solely:
   - provided that the system has been used for the purpose for which it is intended and that it has been fitted and used in the usual manner and in conditions that can be described as normal; all in accordance with any regulations and/or directions issued by the manufacturer;
   - provided that the purchaser has met all his obligations and has immediately but not later than one week after discovery of the defect, informed the relevant dealer hereof and the dealer has found the system to be in the condition that applied at the time of discovery of the defect.
2. The warranty applies if the purchaser has fully completed the warranty registration card and submitted it within two weeks of the purchase date.
3. If parties other than the manufacturer perform or have performed work on the system during the warranty period, without obtaining prior written permission from the manufacturer, the warranty will lapse.
4. The warranty claim will be processed on presentation of the defective system or the relevant component. The purchaser must also submit the warranty card bearing the dealer's stamp and the serial number, together with the original purchase receipt.
5. In fulfilling its warranty obligation the manufacturer is entitled and obliged exclusively to re-supply or repair the relevant system or components thereof, at the manufacturer's discretion.
6. The manufacturer is not obliged to carry out or pay for dismantling and/or installation work in connection with implementation of the warranty. Shipping costs are for the purchaser's account.
7. The manufacturer is in no case liable for any damages to people or goods arising from failure of the system to function or to function correctly.
8. All deliveries of the Target EURO 330 are governed exclusively by UK law.