



“Stelth RG300” Radar Detector User Handbook

The model: “Stelth RG300” is the second Radar Express product in the “Stelth” series. It was designed for vehicles with normal (not tinted) glass and is a radar detector only.

Just like in the previous “Stelth” model, RG300 stands with high sensitivity when detecting police radar and laser signals.

“Stelth” RF – The technology developed for our products, uses a microprocessor for the first local oscillator (17÷17,7GHz) for sensing radar and laser signals. The microprocessor permanently follows the temperature of the RF model so that it does not change, which gives the device the following benefits:

- Higher sensitivity in all bands
- Extremely reactive when detecting the POP (single pulse) signals, used by the fastest police devices below 51 m/s.
- The frequency profile of the “Harmonic Frequency” is narrow, meaning that the chance of a false signal is minimal.

Important: Please register your RG300 on our website www.stelth-radar.eu to receive each new update to the “Stelth” database via email.

Opportunity to update the software, database and voice messages in case of a change. Update program through USB port.

Features:

- Color digital display, featuring information about the current speed of the vehicle, the distance in meters to the potential danger zone (radar, camera etc.), clock and digital compass.
- The program menu, allowing the on and off of each function. To access the mode program menu, please press the “Power/Menu” button. You will hear a voice message and the information will be under the menu. Through pressing the “Volume” button you can choose whether you want this function to be turned on or off.

By repeatedly pressing the “Power/Menu” button, you will enter into the second menu and again through pressing the “Volume” button you can choose whether to turn the function on or off. Thus, through every other click of the “Power/Menu” button you will continue to pass through the menus. To save your changes made to your options, press the “City/HWY” button once.

- Built-in “High-gain” amplifier allowing the discovery of even the weakest radar/laser signal.
- There is no mistaken identification of the frequency band in the case of a very strong signal.
- Undetectable for all VG-2 and Specters.

Radar Frequencies:

- (X)Band; 10,475+10,575GHz
- (K)Band; 23,950+24,300GHz
- (Ka)Band; 33,400+36,000GHz
- (L)Laser: All lasers
- The range in Stelth models is expanded by (±0.050GHz in X Band) and (±0.175GHz in K Band)

GPS Technology

- Highly sensitive GPS model.
- Precision antenna providing accuracy to within 2-3 meters. Connects to satellite within 40 seconds.
- “Quick Start” start within 2-3 seconds.
- Adding a preferred warning location.

(In order to add your preferred warning location, click the button City/HWY for 1.5 seconds 10-12 meters in front of the location you add.)

- Test messages – on/off. By pressing the “Power/Menu” button to advance this menu up to here, through pressing the “Volume” button you can choose whether you want the device to show which functions are turned on or off each time you start up the device
- City(c) and Highway(h) modes.
*In the City(c) mode the sensitivity drops by 5dB
- In order to filter out the false, parasitic signals in urbanized zones, we have added a function which allows you to set a specific speed during motion. You will also receive a warning about radar and laser signals only if you exceed the speed limit in the zone. By pressing the “Power/Menu” button to advance the menu up to here, through pressing the “Volume” button you can set your desired chosen speed in km/h (Off, 10, 20...130km/h). The factory set limit 40 km/h.
- (X) Band – on/off. By pressing the “Power/Menu” button to advance the menu up to here, through pressing the “Volume” button you can choose whether this police radar detection frequency is turned on or off.
- (K) Band – on/off. By pressing the “Power/Menu” button to advance the menu up to here, through pressing the “Volume” button you can choose whether this police radar detection frequency is turned on or off.

Updating the Database

You will receive clear voice, sound and visual warnings for the following installations on the roads in Bulgaria and Europe:

- Stationary speed cameras – You will receive audio and visual information 600-900 meters before the camera location depending on the speed limit in the area, as well as the calculated distance in meters before the camera. After passing the camera you will hear a distinctive sound signal to inform you that you are out of the danger zone.
- “Possible police mobile radar” – you will receive audio and visual information 600-900 meters before the positioned camera depending on the speed limit in the area, in the case that there is police radar, as you reach the possible position you will not receive an audio signal. This was introduced for the reason that if the operator of the radar decides to turn on the radar in the speed camera mode whilst you are in range, you will be informed within a second about this, as well as about the frequency of the band used. After passing the possible speed camera area, you will hear a distinctive sound signal to inform you that you are out of the danger zone.
- “Zones under video surveillance – beginning and end of the zone” –you will receive audio and visual infor-

- (Ka) Band – on/off. By pressing the “Power/Menu” button to advance the menu up to here, through pressing the “Volume” button you can choose whether this police radar detection frequency is turned on or off. Ka) Band (33-36GHz) is divided into a 4(four) under bands (for fast measurement): 33.8 GHz; 34.3 GHz; 34.7 GHz; 35.5 GHz. everyone can be On/Off individually.
- (Laser) Band – on/off. By pressing the “Power/Menu” button to advance the menu up to here, through pressing the “Volume” button you can choose whether this police radar detection frequency is turned on or off.
- Changing the language and the voice messages – on/off (Bulgarian, German, Russian, English, Hungarian, Czech, French, Greek, Turkish, Arabic, Spanish, Romanian). By pressing the “Power/Menu” button to advance the menu up to here, through pressing the “volume” button you can change the language.
- Function voice messages – On/Off. You can now choose whether or not you receive voice messages or only sounds for alerts
- The volume button (-, +). With this button you can increase or decrease the volume of the sound on your “Stelth RG300”.
- Add a decoy signal as a bogus position by holding down the middle button “DIM” for 2 (two) seconds

mation about the beginning of the zone under video surveillance, and the display will describe the speed limit, only if you exceed this speed limit will you hear the voice message “please reduce your speed”. Once you have reached the end of the video surveillance zone, you will hear a voice message “end of video surveillance zone”.

- “Bus bands under video surveillance” – you will receive audio and visual information about the bus bands that are under video surveillance.
- “Stationary police posts” – you will receive audio and visual information 600-900 meters (depending on the speed limit in that area) before each stationary police post, as well as the remaining distance to it in meters and the speed limit in the area. After passing the police post you will hear a distinctive audio post signal to say it is the end of the zone.
- “Possible locations of mobile speed cameras” – you will receive audio and visual information 600-900 meters (depending on the speed limit in that area) before each stationary police post, as well as the remaining distance to it in meters and the speed limit in the area. After passing the police post you will hear a distinctive audio post signal to say it is the end of the zone.

(these kinds of decoy signals are detected by emitting sensors found on automatic doors at gas stations or shopping centers – (K) Band 24.125 GHz).

- Add the desired GPS position as a shadow position by holding down the “City/Hwy” button for 2 (two) seconds (this kind of position is usually added for areas where police are parked on the side of the road using mobile camera radar positioned 10-15 meters ahead of their position.)

Accessories in the Set:

- 12V power cable
- Mounting bracketed
- USB cable for updating

Dimensions: 80 mm / 55 mm / 25 mm

Weight: 320 g

2-year warranty.



Stelth RG200 radar detector

“Stelth RG200” Radar Detector User Handbook

The model: “Stelth RG200” is the third Radar Express product in the “Stelth” series. It was designed for vehicles with normal (not tinted) glass and is a radar detector only.

Just like in the previous two “Stelth” models, RG200 stands is highly sensitive at detecting police radar and laser signals.

“Stelth” RF – The technology developed for our products, uses a microprocessor for the first local oscillator (17÷17.7Ghz) for sensing radar and laser signals. The microprocessor permanently follows the temperature of the RF model so that it does not change, which gives the device the following benefits:

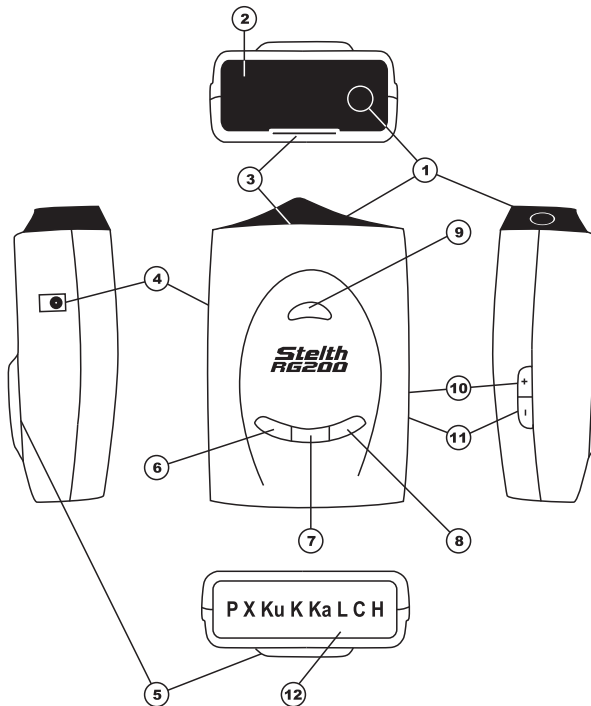
- Higher sensitivity in all bands
- Extremely reactive when detecting the POP (single pulse) signal, used by the fastest police devices.
- The frequency profile of “Harmonic Frequency” is narrow, meaning that the chance of a false signal is minimal.

Accessories in the Set:

- 12V power cable
- Glass Mount
- Dimensions: 80mm/55mm/25mm
- Weight: 310 grams
- 2-year warranty.

Stelth RG200 radar detector

1. Laser eye
2. Lens
3. Slot for the glass mount
4. 12V DC Input
5. Loudspeaker
6. Button – on/off/menu
7. Button – DIM
8. Button – City/Hwy
9. Button for releasing the mount
10. Button for increasing the sound volume
11. Button for reducing the sound volume
12. Indicator – bands/laser/mode



- Long range sensor, reaching up to 2200 meters and allows enough time to react.
- Built-in “High-gain” amplifier allows the detection of even the weakest radar/laser signals.
- There is no false identification of the frequency band in the case of a very strong signal.
- Undetectable for all VG-2 and Specters.
- Exceptional reaction time in detecting POP (single pulse) signals, which are used by the fastest police devices below 51 m/s

Radar Frequencies:

- (X) Band: 10.475 ÷ 0.575 GHz
- (K) Band: 23.950 ÷ 24.300 GHz
- (Ka) Band: 33.400 ÷ 36.000 GHz
- (L) Laser: All lasers
- The range in Stelth models has been extended by (±0,050GHz in **X Band**) and (±0,175Ghz in **K Band**)

Features:

- Icon display, featuring information by displaying symbols showing the radar or laser frequency used by the police devices against you.

- The program menu, allows each function and frequency to be toggled on and off. To access the system program menu, please press the “Power/Menu” button. You will hear a voice message and the information will be displayed in a drop down menu.

Through pressing the “Volume” button you can choose whether you want this function to be turned on or off. By repeatedly pressing the “Power/Menu” button, you will enter into the second menu and again through pressing the “Volume” button you can choose whether to turn the function on or off. Thus, through every other click of the “Power/Menu” button you will continue to pass through the menus. To save your changes made to your options, press the “City/HWY” button once.

- Test messages – on/off. By pressing the “Power/Menu” button to advance this menu up to here, through pressing the “Volume” button you can choose whether you want the device to show which functions are turned on or off each time you start up the device.
- (X) Band – on/off. By pressing the “Power/Menu” button to advance the menu up to here, through pressing the “Volume” button you can choose whether this police radar detection frequency is turned on or off.
- (K) Band – on/off. By pressing the “Power/Menu” button to advance the menu up to here, through pressing

the “Volume” button you can choose whether this police radar detection frequency is turned on or off.

- (Ka) Band – on/off. By pressing the “Power/Menu” button to advance the menu up to here, through pressing the “volume” button you can choose whether this police radar detection frequency is turned on or off.
- (Laser) Band – on/off. By pressing the “Power/Menu” button to advance the menu up to here, through pressing the “volume” button you can choose whether this police radar detection frequency is turned on or off.
- Changing the language and the voice messages – on/off. (Bulgarian, German, Russian, English, Hungarian, Czech, Turkish). By pressing the “Power/Menu” button to advance the menu up to here, through pressing the “Volume” button you can change the language.

BUTTONS:

- The function for lighting up the display: dark, clear. By pressing the “Dim” button once you can choose whether the display is illuminated or completely dark.
- City(c) and Highway(h) modes. *In the city(c) mode the sensitivity drops by 5dB.

Register your RG300 on our website www.stelth-radar.eu to receive our new updates to the “Stelth” database via email.

Stelth RG300 radar&GPS detector

1. Laser eye
2. Lens
3. Slot for the mount
4. Input 12V DC
5. Loudspeaker
6. Button – on/off/menu
7. Button – DIM/add
8. Button – City/Hwy/Mute/Set
9. Button for releasing the stand
10. Mini USB port for updating the database
11. Button for increasing the sound volume
12. Button for reducing the sound volume
13. Indicator – satellite connection
14. Indicator – direction (compass)
15. Indicator – time/speed/distance (meters)
16. Indicator – bands/laser/mode

