

MANUAL RADAGO

Welcome

Thank you for purchasing the RADAGO GO! portable radar detector. The portable fully digital GPS radar detector equipped with new detection technology, Bluetooth communication and Application for mobile devices.

The specially developed digital radar antenna of RADAGO detectors always provides a completely unique detection of microwave radars used not only in the Czech Republic, but also throughout Europe. At the same time, it perfectly filters unwanted false positives. With our GPS database, it protects you from speed cameras, section cameras and red light cameras throughout the EU.

We are constantly improving our RADAGO radar detectors and gradually "learning" them, adding detection of new radars, which you can always easily get by regularly updating your radar detector. You can easily and quickly update yourself via the RADAGO app for mobile devices or the RADAGO Updater for Windows OS.

The RADAGO GO! with accessories

- 1. Power cable for 12 V CL socket with USB-A port for charging and ON/ OFF button
- 2. USB data cable for update
- 3. Metal holder with suction cup
- 4. Magnetic Windshield Mount + Magnetic Plate
- 5. Dashboard tape

Radar detection

The RADAGO radar detector scans the surroundings of your car for the presence of microwave radar. It warns well in advance with a voice alert ("Ka radar", "Multaradar", "Gatso", "Dahua") and the display also shows the type of radar and the intensity of the received signal (level 1-7). As you get closer to the radar itself, the intensity of the audible warning increases, the intensity is 7 right at the point of measurement. This is where the vehicle is measured, so the speed must be adjusted to the permitted limit.

In the "expert" settings, you can directly monitor the frequency of the radar you have just detected.

Stationary radar and camera alerts

Not all systems work on the principle of transmitting radio signals. These are mostly camera systems such as section measurement, stationary cameras or transit gates. These systems are reported based on European GPS database. Regular updates are a basic prerequisite for the proper functioning of the device.

Laser radar detection

The radar detector can passively detect various types of handheld mobile laser meters (LTI Ultra Lyte, Pro Laser, TruCAM, which you will meet cross the European roads but also stationary laser radars (e.g. Vitronic – Germany). However, it should be noted that the only effective protection against laser radars is an active laser jammer.

 Power Supply USB-C Volume buttons 	 Detection sensor DIM sensor Lock button 	11 Cooling side system

- 4 Laser sensor
- 5 Speaker6 Control buttons7 Display

Basic display state



GPS Status Sensitivity Time display Speed

After switching on the GO! Turns to basic status display. All functions are active when the GPS signal is received. The GPS status icon flashes when searching for a signal, lights up when the location is found.

Radar detection



Detection of the radar signal is alerted by sounds and voice, at the same time the type of radar and signal intensity are shown on the display.

Types of radar: X – X radars K – K radars Ka – Ka radary MR – Multaradars G – GATSO radar D – DAHUA radar



Radar type Distance

Allowed speed

Average speed

Alerts for stationary speed cameras and camera systems are reported by voice warnings and graphics on the display.



A stationary radar or fixed camera is a system that measures the instantaneous speed when passing through.

Section measurement is a system of two cameras where the average speed for the entire section is calculated at the exit.

Traffic camera monitors the passage of vehicles at intersections and records driving through red lights.

Description of button function

<%	Mute	Automatic mute off
		Automatic mute On
		Long Press: insert your own GPS point
:Ö:	Brightness	Brightness Maximum / Medium / Minimum / Auto
~~~		Display off (Only small screen dot shows device on
		when alert the display will turn on to full bright.)
<b>₽</b>	Sensitivity	Detection on maximum
		Detection on Auto mode switching sensitivity
		automatically by the setup speed.
Ξ	Menu	Access to menu
		Long press: Turn the device ON/OFF
*	Move backward	
«	Parameter change	
>	Parameter change	
$\bigcirc$	Move to the next item	

Switching the device off and on

#### DISPLAY

Setting the main display mode.

Speed	Only km/h speed shown in the Control Display
Time	Time display only
Speed and time	Displays time and speed

#### RADAR

Setting the radar band.

CZ	Optimal settings for the Czech Republic
SK	Based on the settings for CZ with MultaRadar detection extension
EU	All radar bands are set for European radar systems
Expert	Expert settings on page 14

#### LASER

 Detection of laser radars and transit gates.

 ON
 Laser Radar Detection On

 OFF
 Detection Off

 Sometimes the detector can react to the vehicle's navigation systems. Then we recommend setting LASER OFF.

#### LASER FILTER

Enable to filter incoming laser signal in significant levels.

0 no filters

1 laser pulses are filtered in match with reference sample in 85 %

2 laser pulses are filtered in match with reference sample in 95 %

LOCK-ON – Lock out all incoming IR signal from navigation system and alert only laser pulses from laser speed guns.

#### VOICES

Voice announcements.

- ON Voice announcements enabled, in the MENU even during alarm and warning
- OFF All voice announcements are turned off

#### SOUNDS

#### Tones and sounds.

ON	On
40–90 km/h	Quiet zone, setting the speed at which sounds are
	played Suppressed
OFF	Turned off

#### GPS

 GPS point reporting: section measurement, stationary radar and red light cameras.

 ON
 Reporting enabled

 OFF
 GPS point reporting disabled

#### ΤΙΜΕ

Time zone setting, the base time is read from the GPS system.

+1 – +12 Find you local time zone, time is set automatically by received GPS data.

#### SPEED

Minimum speed for ro	ıdar signaling.
0–50 km/h	If the speed is slower than the set values
	Microwave radars are not reported

#### FILTER

Setting automatic sensitivity switching between maximum and reduced.

0–80 km/h Up to the set speed, the detector is in reduced sensitivity, if exceeded it automatically switches to MAX sensitivity mode

#### GPS

Distance of the message before the GPS points.

300–500 m	Sets the distance of the GPS point warning
Speed	Automatically increases the distance of reports before
	GPS point at higher speed

#### GPS limit

Setting the tolerance level for warning when the average speed is exceeded.

At 0, the function is disabled
 1-20 Allowed or average limit increased by a set value, activates the message
 SLOW DOWN until the speed is below the limit again.

#### DELETE USER POINTS

Clear all custom points. A new custom point can be added by long pressing the MUTE button. DELETE by clicking < or > to delete your own inserted points

#### SECTION

 Section measurement - measures the average speed between entry and exit.

 ON
 On

 OFF
 Turned off

#### RADARS

Stationary radars - immediate measurement when passing through.

ON	On

OFF Turned off

#### TRAFFIC CAMS

Red light cameras when passing through an intersection.

ON	On
OFF	Turned off

#### LANGUAGE

Setting the language of the text menu and voice announcements.

Czech	Sets the Czech language
English	Sets the English language

#### FW/DB

Lists the current version of the Firmware and GPS database.

Firmware Firmware version Databáze GPS database version

#### RESET

Confirmation will reset the detector to factory settings.

RESET Press the < or > button to bring the detector into the basic settings

## **Expert in Radar Bandwidth Setup**

In the "Expert" settings, you can manually switch individual frequency bands on and off. In addition, during the microwave radar voice alert, the display also shows **the transmission frequency** of the specific radar that is currently detected.



#### Expert menu tabulka

X Band	ON	X–band detection on
	OFF	X-band detection off
K Band	ON	K–band detection on
	OFF	K–band detection off
K Band	WIDE	Detection of the K band in Wide mode
		23.900GHz~24.250GHz
	NORMAL	Detection of the K band in Normal mode
		24.050GHz~24.250GHz
	Narrow	Detection of the K band in Narrow mode
		24.050GHz~24.190GHz
K Filter	SPD	AutoFilter – as the
		The filter decreases at a rate
	interval 1–5	Settings K filter
	OFF	Filter Off

# Expert in Radar Bandwidth Setup

Ka band	ON	Ka-band detection on	
	OFF	Ka-band detection off	
	0 00 4	22.7.01/055	
Ka division	0. 33,4-	-33,7 UN/UFF	
	1. 33,7–33,9 N/OFF		
	2. 33,9-	-34,1 ON/OFF	
	3. 34,1-	34,2 ON/OFF	
	4. 34,2-	-34,4 ON/OFF	
	5. 34,4-	34,6 ON/OFF	
	6. 34, 6-	-34,8 ON/OFF	
	7. 34,8–35,4 ON/OFF		
	8. 35,4–35,6 ON/OFF		
	9. 35,6-	36,0 ON/OFF	
Ka Filter	1–3	Setting the strength of filtering incoming signals,	
	OFF	Filter completely off	
Multaradar	ON	Multaradar detection on	
	OFF	Multaradar detection off	
Gatso 3	ON	GATSO 3 radar detection on	
	OFF	GATSO 3 radar detection off	
Gatso 4	ON	GATSO 4 radar detection on	
	OFF	GATSO 4 radar detection off	
	011		

# Expert in Radar Bandwidth Setup

DAHUA	ON	DAHUA radar detection on
	OFF	DAHUA radar detection off
MR G D filter	ON	Filtering of signal from K radars Multaradar, Gatso, Dahua
	OFF	Filter completely off





PC software UPLOADER



Mobile software updates RADAGO GO!

PC uploader is a program for updating basic Firmware and GPS database. Only for Windows operating system.

For update procedure see QR code. www.radago.cz/radago-go/#support



#### General information about radar detectors

Radar detectors are sensitive electronic passive receivers that warn drivers of approaching road radars in time. These passive devices do not emit any signals and do not interfere with other systems, which ensures their legality in many EU countries.

The detectors can detect signals at frequencies used by road radars and, thanks to advanced electronics, constantly monitor selected frequency bands. As soon as they detect a microwave radar signal, they immediately warn the driver with voice and visual alerts on the display. While microwave radars usually have a range of around 50 meters, high-quality radar detectors can detect radar up to 300 meters or more, depending on the conditions in the surrounding area. Thanks to integrated GPS technology, the radar detectors also warn of stationary speed cameras, section measurements, red light cameras and frequent speed cameras. Some models are equipped with a laser receiving diode for detecting laser radars (both portable and stationary). However, it should be noted that the only 100% effective protection against laser radars is an active laser jammer.

#### Legislation and radar detectors

The use of portable and fixed radar detectors in the Czech Republic is not restricted by law, decree or regulation. Act No. 361/2000 Coll., in force since 1 January 2001, prohibits only the use of active means that could interfere with or limit the operation of radars.

#### How to use a radar detector correctly

Before using a radar detector, always familiarize yourself with the applicable legislation in the country where you intend to use it. We also recommend checking that your car is equipped with a "metallised" windshield, which can significantly reduce the sensitivity of the detector. Coated glass, also known as climatic or heat-insulating, can reduce the detection range of radar from hundreds of meters to just a few meters. Coated glass often has a blue, purple or green tint.

Install the radar detector to the windshield using a suction cup holder or magnetic mount so that it does not interfere with the driver's field of vision. For cars with a metallized windshield, we recommend placing the detector near the rear-view mirror, where there is usually an unmetallized square cutout from the manufacturer. Even so, the sensitivity of the detector may be reduced.

You can also place the radar detector in a horizontal position directly on the dashboard of your car using adhesive tape with Velcro. Stick one strip on the dashboard and the other on the bottom edge of the radar detector.

## How to use a radar detector correctly



The device must be placed in a horizontal position on the windscreen of the car. This is achieved by modifying the metal holder.

Caution: always bend the holder separately, not inserted in the device. Doing so may damage the locking mechanism inside the device.

Always use original RADAGO accessories to make the most of your device's control.

## **Alternative installation options**

Plug the detector into a 12 V car cigarette lighter. If your car is not equipped with a 12 V socket, we recommend using a USB-C power cable or a 12 V cable with a fuse – but have the installation carried out by a qualified workshop.



If you prefer a concealed installation, consider purchasing a RADAGO BUCELL radar detector that can be discreetly installed in your vehicle.



www.radago.cz/radago-bucell/

## **Technical parameters**

Operating temperature: -20 °C až 80 °C Operating voltage: 9 V až 16 V Power consumption: 250 až 350 W (při 12 V)

Length 10.6 cm Width 6.8 cm Height 2.7 cm Weight 127 g

#### Notification

The radar detector is able to operate reliably at temperatures of -20 °C to 80 °C. In the summer months, the temperature in the vehicle can be even higher, if the detector behaves abnormally, just disconnect it and let the device cool down.

#### CE certification of equipment in accordance with EU standards

EN 300 440 V2.1.1 ETSI EN 301 489-3 V2.3.2 ETSI EN 301 489-1 V2.2.3 ETSI EN 301 489-17 V3.2.4 EN 50663:2017 and EN 62479:2010 EN IEC 62368-1:2020+A11:2020 EN 62368-1:2014+A11:2017





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