

STINGER K-BAND SUPPRESSION

Information on Adaptive Cruise Control and K-band suppression
(for DSI's equipped with Radar Alerting)

Why activate 'Car Radar Suppression' on your DSI ?

Factory installed 'Adaptive Cruise Control' and 'Blind spot' systems that are radar-based can cause continuous falsing on your Stinger. If your car has been equipped with such a 'Car Radar' its interference can now, in most cases, be accurately blocked thanks to the easy-to-use 'Car Radar Suppression' option.

How to activate 'Car Radar Suppression' on your DSI.

Correctly activating the 'Car Radar Suppression' on your DSI is an easy procedure that should take place immediately after starting your car. Please first carefully read over the steps below. When performing the procedure avoid any delays as time is of the essence. If the procedure is not carried out speedily, the car radar might start effecting the calibration of the DSI's Spectrum Analyzer and therefore cause the Car Radar Suppression to be inaccurate!

1. Make sure your car is parked in an area where the DSI does not receive any surrounding radar signals.
2. Start the engine of your car, then wait till your DSI has started up.



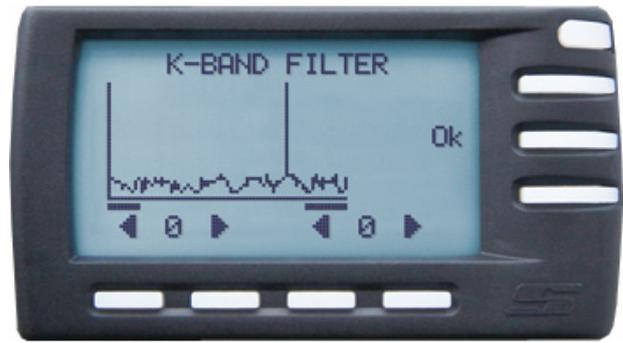
3. As soon as your DSI has started up go to:

Main Menu > Configuration > Radar Alerting.

Then select *K-band filter > Configure* and hit *enter*. This will show you a so-called spectrum analysis graph.



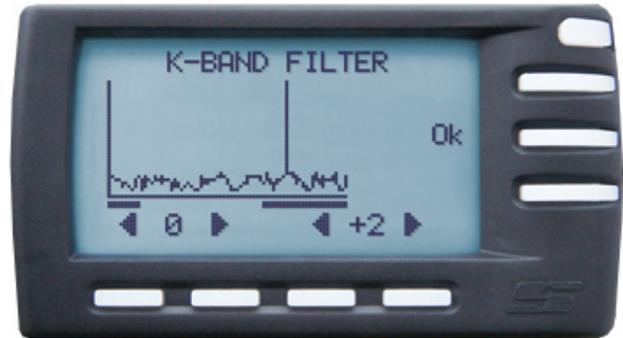
4. On the spectrum analysis graph you should now see the visual representation of the radar signal(s) being produced by your car's 'Adaptive Cruise Control' radar.



5. Use the keys on the bottom of your screen marked by the arrows to set the filters so they cover the incoming radar signal(s).

Double check to make sure the black marker lines at the bottom of the graph (just) cover the incoming radar peak(s).

Then hit 'OK' to store the chosen filter settings.



6. Now select 'Carradar supr.'. Use the enter key to switch on Car Radar Suppression.

7. Switch off the ignition and switch it back on. Now you can check whether the DSI is completely quiet or that other signals still appear.

In the latter case, repeat step 3 through 6 and do not forget that, at step 6, the setting has to be switched 'off' and the 'on' again.



PLEASE NOTE:

- Make sure that Stinger Operating System 2.0.00 and Spectrum Analyzer Firmware version 2.0.14 have been installed on your DSI. Should this Spectrum Analyzer version not have been installed onto your system, we would ask you to please contact Stinger's Tech department.
- Some Adaptive Cruise Control's radar transmitters can fluctuate in frequency as a result of e.g. age or temperature. If, at any time, your DSI starts to pick up your car's Adaptive Cruise Control radar again, you might have to readjust the Car Radar Suppression. This is best done by repeating the steps above while making sure the filtering is set (a little) wider than your previous settings.
- Only activate the DSI's Car Radar Suppression if you receive interference from your car's 'Adaptive Cruise Control' or 'Blind spot' system.
- Activating the Car Radar Suppression will change settings inside the Spectrum Analyzer of your DSI. As a result Safety Signals reception will be deactivated and logging of radar signals by your Stinger's PoliceCheck will be limited according to the settings of the Car Radar Filter.
- Stinger supplies DSI's that have been equipped with Radar Alerting only in countries where radar detection is allowed.