

## **RADARnode user manual.**

### **What it is**

Thank you for purchasing the RADARnode, the world's most advanced remote mounting system for radar detectors.

The RADARnode is the only remote mounting system that can convey both the alert type and the signal strength of radar threats to your chosen display. It's an invaluable tool for helping you to use radar detectors more effectively and more discreetly.

### **What's in the kit**

1 x RADARnode  
1 x connector cable (specific to your radar detector)  
1 x software card (specific to your radar detector)  
1 x fused power cord

### **Mounting your Radar detector**

Consult your dealer for advice on the correct remote mounting locations for radar detectors.

Each install is different and you should pick a suitable location, ensuring that the mounting does not interfere with the mechanical operation of your vehicle in any way.

### **Connecting the RADARnode to your radar detector**

The RADARnode powers your radar detector and relays its detection alerts wirelessly to your chosen display.

Please note that the RADARnode is not waterproof so care should be taken to position the unit in a dry area to protect it from the elements.

1. The correct connector cable for your make and model of radar detector must be used. Connect it to your radar detector's power socket and headphone socket. (The Valentine 1 does not have a headphone socket, so V1 users must ensure the RDI connector cable is installed the correct way round. The ends of the RDI cable for the V1 cable are labelled accordingly.)

2. Safely route the cable from the radar detector to where the RADARnode is located and secure it wherever possible. Ensure the cable will never come into contact with any high temperature engine component or the exhaust system.

3. Plug the connector cable into the socket marked "DETECTOR" on the RADARnode.
4. Insert the software card into the slot on the side of the RADARnode. Always ensure the power is OFF before removing or inserting your software card.
5. If you are also using a Laser Jammer Interface, you should connect the short lead on the RADARnode to the corresponding lead on the LASERnode. When connected together, the RADARnode will be temporarily disabled during the more important jammer alerts.
6. Using the standard RJ11 (telephone style) power cord supplied with the radar detector, plug it into the socket marked "POWER" on the RADARnode.

Alternatively, use the supplied fused power cord and plug it into the socket marked "POWER" on the RADARnode.

### **Testing the RADARnode**

The button on the side of the RADARnode can be pressed and released to check the wireless connection between the RADARnode and the Vizalert display. The display will flash each LED in sequence.

### **What if I change my radar detector.**

Replacement software cards are unique to each model of radar detector. If you change your radar detector, you must also replace the software card to match your new detector. Software cards will only work with the particular make **and** model of detector they are designed for. Please check that you have been supplied with the correct software card for your individual detector.

New software cards can be purchased from your dealer or online from [www.speedcheetah.com](http://www.speedcheetah.com).

The RADARnode connector cable can sometimes be used on a different model of radar detector. For example, many Beltronics and Escort detectors use the same RADARnode connector cable. However Valentine 1, Escort SR7, Beltronics Vector LR, Beltronics 975 and Target EVO966 RM detectors have unique connector cables that are not transferable.

## **Technical Details**

RADARnode Power Requirements:	Operating voltage: 12V DC
RADARnode Dimensions and Weight:	81mm x 54 x 34 mm. 70 gms.

Temperature Range:	Operating: -10°C to +60°C (14°F to +140°F) Storage: -20°C to +70°C (-4°F to +158°F)
Operating Humidity:	5% to 95% (non condensing)

## Support

### Troubleshooting

If for any reason a Cheetah product develops a fault, please check our support page on [www.speedcheetah.com/support](http://www.speedcheetah.com/support).

If any problems persist, please email [support@speedcheetah.com](mailto:support@speedcheetah.com)

### Product registration

Register online at [www.speedcheetah.com/support](http://www.speedcheetah.com/support)

### Accessories

Full details of accessory products are available on our website at [www.speedcheetah.com](http://www.speedcheetah.com)

## Service

### If any Cheetah product needs repair:

Before sending any products back to us for service, please check our support page on [www.speedcheetah.com/support](http://www.speedcheetah.com/support) or contact us at [support@speedcheetah.com](mailto:support@speedcheetah.com).

Do not attempt to service this product yourself. Do not open, puncture or disassemble the product.

If the product fails to function, follow these instructions to obtain factory service.

### Where to ship:

Contact us at [support@speedcheetah.com](mailto:support@speedcheetah.com) for country specific return address details.

### How to ship:

Ship the unit prepaid and insured, in its original packaging or other strong protective packaging. We cannot be held responsible for any returned product until it has been delivered to our premises. Insist on a proof-of-delivery receipt.

Please include the following information with your return:

- a) your name and return shipping address
- b) description of the problem
- c) your daytime telephone number
- d) proof of purchase if you did not buy the unit directly from us

### Out of warranty repairs:

If your unit is out of warranty (older than one year), we will contact you with an estimated repair cost. If the unit has been damaged, abused or modified, the repair cost will be calculated on a parts and labor basis.

Features, specifications and prices subject to change without notice

## Limited Warranty

Cheetah Advanced Technologies Ltd. Warrant our products against all defects in materials and workmanship for a period of **one year** from the date of the original purchase, subject to the following terms and conditions.

This warranty is limited to the original owner, and is **Non-Transferable**.

This warranty does not apply if the serial number has been removed or is unreadable or if the product has been subjected to physical abuse, improper installation, modification or internal examination.

To obtain warranty service, the product must be returned, insured and shipping prepaid, to Cheetah Advanced Technologies Ltd., at the address shown, in its original packaging or a suitable alternative, together with a written description of the problem, proof of purchase and a return shipping address.

The sole responsibility of Cheetah Advanced Technologies Ltd under this warranty is limited to repair or, at discretion, replacement of the product.

Cheetah Advanced Technologies disclaims all other warranties, expressed or implied, including warranties of fitness for any particular purpose or merchantability.

Cheetah Advanced Technologies Ltd accepts no liability for any incident or direct, indirect or consequential claim arising from the possession, use or misuse of this product.

CE: Cheetah Advanced Technologies Ltd. declares that this product is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

FCC symbol: This device complies with Part 15 of the FCC Rules.

Operation is subject to the following two conditions:

(1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Notice : The changes or modifications not expressly approved by the party responsible for compliance could void the user' s authority to operate the equipment.

IMPORTANT NOTE: To comply with the FCC RF exposure compliance requirements, no change to the antenna or the device is permitted. Any change to the antenna or the device could result in the device exceeding the RF exposure requirements and void user' s authority to operate the device.

NOTE: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user' s authority to operate the equipment.

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