BCA-100 Basic Car Alarm
Data Sheet

- **SMALL SIZE 5x7cm (SMALLER THAN A CIGARETTE PACKET)**
- **LOW COST**
- **EASY TO INSTALL, ONLY TWO WIRES TO CONNECT TO THE CAR ELECTRICAL SYSTEM**
- **DESIGNED AND BUILT IN SOUTH AFRICA**
- **USES RADAR TO DETECT A VEHICLE INTRUSION**
- **BONNET AND BOOT SWITCHES ARE OPTIONAL**
- **CANNOT BE JAMMED**
- **NO REMOTES TO WEAR OUT**
- **OPTIONAL CANOPY SENSOR FOR BAKKIES**
- **MICROPROCESSOR TECHNOLOGY**
- **12 MONTH WARRANTY**
- **NO MONTHLY SUBSCRIPTION**

The alarm is designed to lower the cost of theft protection for car's and bakkies, and is designed and manufactured in SA. Microprocessor technology makes it very compact, being slightly smaller than a cigarette packet. Installation requires only TWO wires connected into the car's electrical system. It can be installed by someone with little knowledge of a car's electrical system. It has been tested in cars from the smallest hatch back, bakkies, SUV's, and kombies, an optional sensor is available to protect a bakkies canopy. If your car has a non-metallic body such as a beach buggy or kit car, please contact us before purchasing. Note: The alarm isn't VESA approved.

The BCA-100A is supplied in two versions, the BCA-100A-PB with a secret push button switch to arm/disarm the alarm. Or the BCA-100A-KS version with a key switch. Both alarms have a status LED.

The alarm is usually mounted behind a plastic cover in the driver's leg well area. With the switch and LED mounted nearby for convenience.

What's in the box?

1x	Alarm Module	
1x	Wiring loom to connect power.	

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1x	Pre-wired siren	
1x	Prewired LED	
1x	Bonnet & boot switch (optional)	
1x	Mounting hardware 4mm screws, nuts, washers, cable ties, installation manual.	
1x	The KS version includes a key switch.	

How does it work?

The alarm uses a radar module to detect movement of a door or a window. The microprocessor monitors the radar module, controls entry and exit delay's, and prevents false alarms.
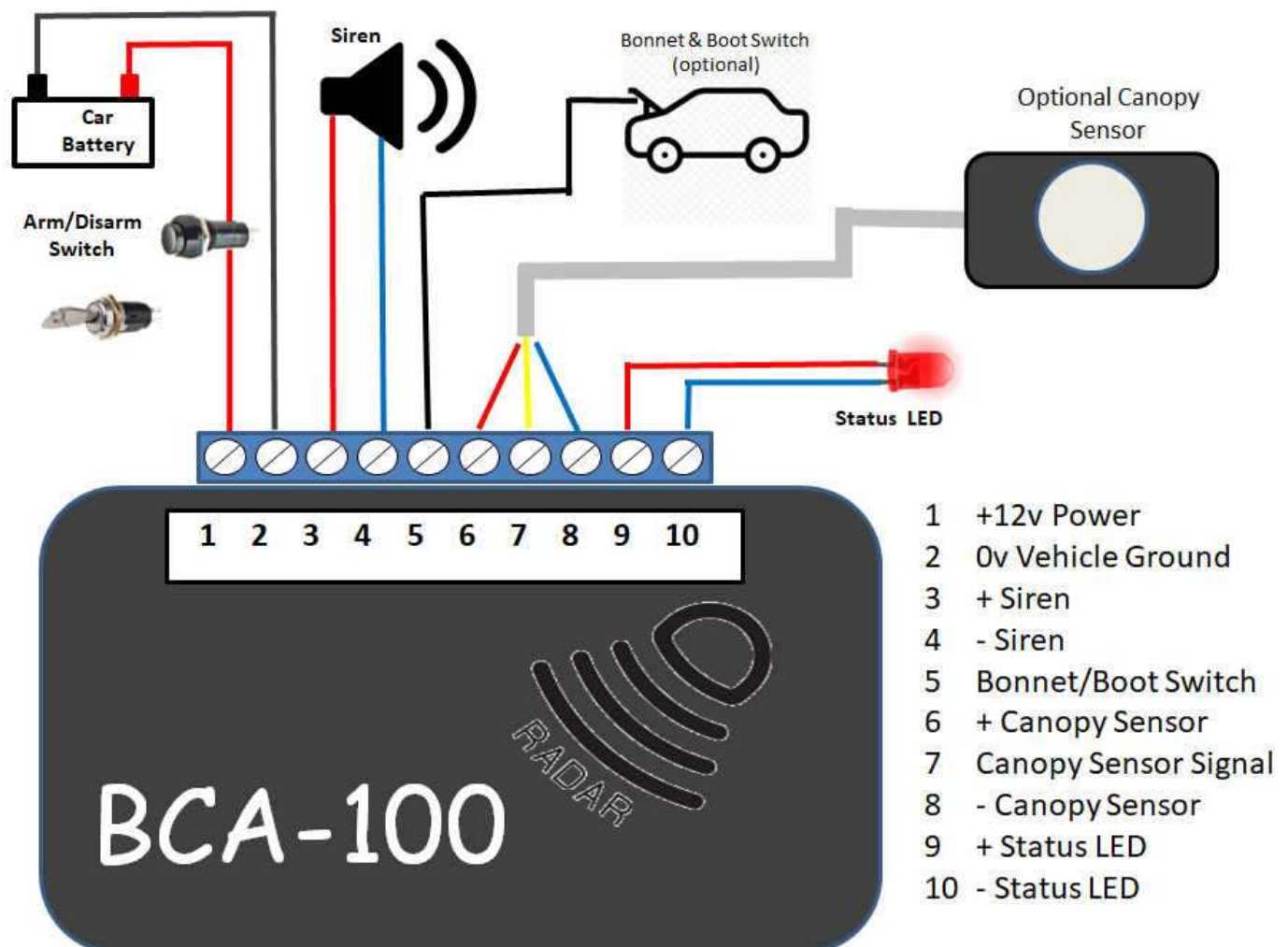
When switched on, the alarm has a 20sec exit delay for all the doors to be closed before arming.

The alarm continually checks for movement plus the bonnet and boot (if the switches are installed), and canopy (if the sensor is used)

Should the bonnet, boot, or canopy be opened whilst the alarm is armed, the siren will sound immediately for 120sec, the alarm will reset after the 120sec. There is no entry delay.

When a door is opened, the alarm is triggered but does not enable the siren for 10sec (the key switch version is a little longer). This is the entry delay. If the alarm isn't disabled within the entry delay period, the siren will sound for 120sec. After the 120sec, the alarm will reset if the doors are closed and indicate it has been triggered by status LED flashing approx twice per second.

Specifications	
Voltage	12vdc
Power Consumption When Armed	Less Than 10mA
Exit Delay	10 Seconds
Entry Delay	20 Seconds
Warranty	12 Months

1 +12v Power
2 0v Vehicle Ground
3 + Siren
4 - Siren
5 Bonnet/Boot Switch
6 + Canopy Sensor
7 Canopy Sensor Signal
8 - Canopy Sensor
9 + Status LED
10 - Status LED

BCA-100 Connection Diagram

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