

# microscanSecurity

## compact1000

*The microscan compact1000 has been designed to be installed quickly and easily. Please follow these instructions carefully for trouble free vehicle security.*

### **Installation Guide**

The siren must be mounted in the engine compartment in a position that is not affected by direct heat and water spray — an ideal position would be on the bulkhead, inner wing or suspension turret.

1. Find a suitable position, and use the mounting bracket as a template drill two 3 mm holes then secure the bracket to the vehicle with the two self tapping screws provided.
2. Attach the siren to the bracket using the two fixing bolts provided (the siren should be angled and approximately 45° to the road) and fully tighten the bolts.
3. The *Black* wire should be attached to a good 'clean' chassis earth, either at an original earth point on the vehicle or to the Negative terminal of the battery.
4. The *Blue, Red* and *Brown* wires should be wrapped in insulation tape so they match the vehicles wiring. These three wires should be then routed to the inside of the vehicle. Where the wires pass through the bulkhead a grommet MUST be used or alternatively one of the vehicles own cable entry points can be utilised.
5. The *Red* wire should be connected to the Positive fuse that protects the interior light, this can usually be found in the vehicle fuse box.
6. The LED should now be mounted in a position so it is visible from outside the vehicle. To mount the LED find a spare switch blank and drill a 6 mm hole, feed the wires through the hole and push the LED firmly home. The *Red* wire of the LED should be connected to the *Blue* wire from the alarm and the *Black* wire from the LED should be connected to an earth point of the vehicle.
7. The *Brown* wire is a negative trigger for the alarm—this wire should be connected to optional interior sensors to the alarm, such as ultrasonic sensors (AN0021). If an interior sensor is not being used this wire should be insulated.

*The alarm installation is now complete and the system should be fully tested.*

### **Testing the system**

#### **Current sensing:**

1. To test the current sensing, Arm the alarm and wait for **3** minutes - open the drivers door, the siren will now sound – press the Disarm button to stop the alarm. N.B. the LED will continue to flash until the system is Armed and Disarmed. Repeat the test on all the other doors on the vehicle that operate the interior light when they are opened.

#### **Shock sensor**

1. To test the shock sensor, Arm the alarm and wait for **30** seconds—gently 'knock' the vehicle, this should activate the 'light impact' shock sensor and the siren should 'chirp'.
2. A heavier impact will activate the main siren.
3. If the shock sensor does not operate or it is too sensitive it should be adjusted—the adjusting screw is located on the rear of the siren, below the protective grommet. To increase sensitivity rotate the screw clockwise and turning the screw anti-clockwise will make the shock sensor less sensitive.

*If you encounter any difficulties whilst installing this alarm system, please contact our technical department on 01244 321700*