

Remote Jamming Detector



HomeGuard

Using a remote device to block or jam a wireless alarm system is becoming an everyday occurrence in South Africa. This could be due to the simplicity of the crime as well as the fact that it is so quick that detection is extremely difficult and the perpetrators have often left the premises before they can be apprehended

This modus operandi is by no means a new phenomenon and is not limited to private homes and occurs wherever a wireless alarm is installed. Security companies across the country are doing everything in their power to stop this scourge and have asked the public to be aware. The scam works as follows, when a wireless beam or passive is being crosses a criminal pushes a remote at the same time effectively blocking the signal to the alarm control panel. This causes the panel to not see the intruder and the criminal can freely gain access to the 'protected' area. Often thousands of rands worth of valuables are stolen and insurance companies sometimes do not cover these losses, the security system did not operate as it should.

In order to avoid becoming a victim of this crime a few simple steps can be followed:

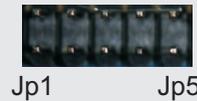
- Be aware** of the surroundings at all times and take note of suspicious persons or activity in and around your area
- Report suspicious activity** to security companies
- Do not leave valuables lying around your premises**
- Check that your system is armed before leaving the premises**
- Tell as many people as possible** about the modus operandi

The HomeGuard requires 12v DC and is connected to the existing home alarm control panel.

Mount the HomeGuard, connect the 12v DC and relay output to a zone on your control panel, if required.

The jumper settings are used to extend the jamming detection time and can be adjusted to suite your environment, if the occasional nuisance alarm is experienced then increase the detection and relay time using the following jumper settings.

| | | |
|---------------|---|-----------------------------|
| Jp1-5 all off | = | 5 second delay before pulse |
| Jp1 on | = | 6 second delay |
| Jp2 on | = | 7 second delay |
| Jp3 on | = | 8 second delay |
| Jp4 on | = | 9 second delay |
| Jp5 on | = | 15 second delay |



Press and hold any remote transmitter on 433Mhz to test the unit.

The HomeGuard, after the delay time, will pulse the internal beeper, while a jamming signal is occurring. Should the jamming persist the unit will trigger the relay which can be used to sound a siren or trigger a panel, until the jamming ceases. A sufficient amount of intermittent jamming during a 30 second cycle will also constitute a jamming condition.

Other Remote Jamming Products available



www.remotejamming.co.za