

IntruderShield™

Electronic Intruder Shield

PROPERTY PROTECTOR ALARM

Operating Instructions



BENEFITS

1. This radar-operated electronic device uses the latest technology that will 'see through' most materials and does not rely on infrared sensors.
2. Rugged, durable construction.
3. Works within a cubic area of 5 meters (16.5 feet) radius.
4. Penetrates doors, glass and timber, even 10 cm (4-inch) thick walls.
5. High mobility - lightweight - can be easily moved.
6. Simplest installation - only needs plugging in at power point.
7. Powerful, reliable, durable. Operates on AC.
8. Maintenance & trouble free - 24 hours protection.
9. Low cost security.
10. Very easily switched to different sounds as required.
11. Supported by an Australian company and with full 12 months replacement warranty if used as directed. PLEASE MAKE SURE TO COMPLETE AND RETURN THE WARRANTY DOCUMENT.

HOW IT WORKS

Because **IntruderShield™** is fitted with a sophisticated, high-tech radar system and not with infrared movement sensors, the **IntruderShield™** will 'see through' brick walls, glass, wood, building materials, and almost any other material. So when it is hidden behind a pot-plant, a framed picture, the front door, a vase, or located in a cupboard, it will 'see' the intruder right through that material, but the intruder will not see it. When the radar beam senses the movement and bounces back, the unit will measure the distance and respond according to its setting.

Beautifully simple! Simply beautiful in deterring intruders and announcing visitors.

A house with an ordinary burglar alarm is at a tremendous disadvantage. With normal burglar alarms, the break-in has to occur first!!! Only with the **IntruderShield™** do you get a real deterrent!!! Also, in a house or apartment with a normal alarm, the alarm is switched off while the household is asleep. With **IntruderShield™** turned on at the front door or another selected position away from the bedroom area, you get this very important and meaningful protection.

And bear in mind, that even if you purchase a hardwired alarm and pay a substantial amount for monitoring, all the monitoring company generally does when you are away is to phone you or appointees nominated by you and advise that a break-in is occurring. Because of legal complications neither a monitoring company or the police will enter your house without you or nominated person being there. And for this less-than-practical service you are billed an amount each year that, along with testing a hardwired system at intervals, will cost you more than the total price of your **IntruderShield™**.

AREAS TO PROTECT

1. FOR DOMESTIC USE

At front door. At back door. In garage to protect car. In carport. In workshop.

2. FOR RETAIL PREMISES USE

At front door entrance. Near unattended service counters. Near unattended cash registers. At entrance of stockrooms. Also near any area where the public should not be.

3. FOR OFFICES

Behind counters, to be switched on (with nature sounds) when counter is unattended. Unit should be switched to bark and siren alarm after business hours. Also near any area where the public should not be.

IMPORTANT !!!! When you are using *IntruderShield™* to protect office or retail properties at night, the best position is to locate the unit near the entrance/exit door. Have it facing in towards the area to be protected, or locate it anywhere on the premises and have it connected to a remote control power board (for availability see our website www.intrudershield.com.au). Then, when the last person leaves the premises at night, they can operate the switch to activate the alarm without setting it off.

OPERATING INSTRUCTIONS

1. Insert the output plug of the Adaptor into the hole in the rear cover.
2. Plug the AC Adaptor into an electric outlet.
3. Switch to top "MELODY" position, turn on "VOLUME" switch and adjust the required "RANGE"

Note: Generally, the "RANGE" is adjusted to its maximum before delivery. Therefore, it needs no further adjustment. In case it is too sensitive, turn the knob in counter-clockwise direction to reduce the range. (See diagram)

Choose the function you require by adjusting the switch on back of the unit. (See diagram)



Selecting the right sound setting.

a. Melody of the Forest (radar detector does not function in this mode).

This can be used at very low volume to create pleasant forest glade environment effect in places like flower shops etc. but is generally the least-used of the settings. Its main purpose is for testing and setting volume.

b. Alsatian Bark (with radar detector in operation).

Switch on this function to detect any intruder. When the intruder is five to six metres away, the dog will start barking once or twice and the closer the intruder gets, the fiercer the irregular bark. The intruder will not know whether the dog is real or electronic, but in practice will retreat and look for places that are not guarded by **IntruderShield™**. The bark is very similar to that of a real police dog and is designed to frighten away the intruder BEFORE any damage is done to the premises.

c. Visitor Announcer (with radar detector in operation).

When switched to this function, the pleasant “Melody of the Forest” will announce the arrival of guests without the aggressive bark of the watchdog. The **IntruderShield™** is also ideal for commercial premises for that reason and will let the staff know there is someone on the premises without negative effects on the clientele.

Alarm Siren (with radar detector in operation).

Ideally the **IntruderShield™** should be in a cupboard or location where it cannot be seen by intruders. At first the Alsatian starts barking loudly. If the intruder retreats immediately, the dog stops barking, but if the device detects continued movement it switches automatically to a very loud and piercing alarm that continues for as long as the intruder keeps moving. The alarm switches off automatically after 20 seconds when the intruder has gone out of range. It is especially effective when used with a remote control powerboard and hidden from view as it is designed to totally un-nerve the intruder who cannot see the source of the sound. MAKE SURE TO ADJUST THE RANGE TO SUIT YOUR EXACT REQUIREMENT FOR THE AREA TO BE COVERED.

NOTE that even though the device will be inside your premises, it may be set to guard areas outside the premises when correctly placed, as the radar will penetrate walls, doors and windows.

POSITIONING

Your **IntruderShield™** can be used in so many ways that it is important to know how to position it. So let's run through the options.

HOME USE IN A PRIVATE HOUSE – WITH DOG BARK

Most people who use **IntruderShield™** in their house use it with the barking dog sound and place it next to their front door. In this situation, anyone coming down the drive or walking up to the front door will set the dog barking and alert the house holder to the approaching person.

The main advantage here is that burglars almost always check out a house before the burglary. If then, a burglar approaches your property with the intention of breaking in, it is only the most foolhardy robber who will proceed when he hears the Alsatian bark.

Of course, he does not know if it is a real dog, but it does not matter to him, because either way it is a major hazard, and he will then turn away and move on to a property that is not protected in this way. Several houses in every street will have real dogs that bark when someone is approaching, so the barking sound does not create problems with neighbours or visitors who are not burglars.

The best position recommended by the technicians is to place it around 3 feet (1 metre) above the floor, perhaps on a small table or shelf. Many homes have glass panels alongside the front door, and the **IntruderShield™**, placed next to this and facing outwards is ideal. A leafy pot plant or framed photograph can be used to camouflage your **IntruderShield™**. We strongly recommend always using your unit in conjunction with a remote-control powerboard to make switching on and off amazingly simple and without sound-activating your unit unnecessarily.

If expecting visitors, many owners like to switch the **IntruderShield™** unit to the 'sounds-of-the-forest-glade' mode. This still alerts the householder, but makes a welcoming sound rather than that of a barking Alsatian. The position of the unit remains the same.

If your house has no dividing fence between front and back, and has a back door that is easily accessed by potential intruders, you may consider using two **IntruderShield™** units in your home. They are so inexpensive that this is still an outstanding solution.



*Family photographs are great for hiding the **IntruderShield™** unit*



IntruderShield™
facing out, hidden behind pot-plant

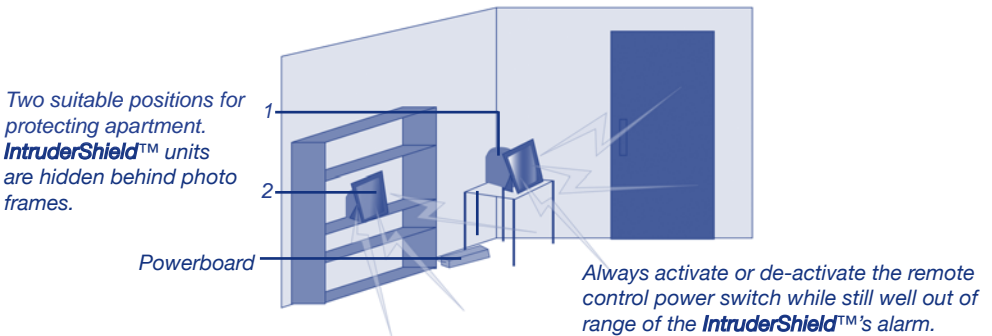
IN AN APARTMENT it may not be a good idea to place the **IntruderShield™** facing out from the front door as, in most apartment buildings, people coming to visit neighbouring apartments will set off the barking dog sound. So in an apartment situation you need to set your **IntruderShield™** up in such a way as to protect your apartment by activating the unit once the intruder has entered.

To set your unit, you will want to plug it into the remote control powerboard, and turn the range down to only protect the inside of the lounge room or similar without the radar penetrating into the adjoining apartment. In such a case we suggest that you place the **IntruderShield™** in an unobtrusive position – on a mantelpiece (behind a framed photograph), in a book shelf with a photograph, pot-plant, or other disguise in front of it, or even inside a cupboard or sideboard – experimenting with various positions will soon reveal the best option!



IntruderShield™ unit is hidden behind pot-plant

With most hardwired burglar alarms you cannot usually set the alarm when you go to bed because every time you move around the alarm sound gets activated. With **IntruderShield™** you can go to bed and fall asleep with peace of mind, and leave the area near your front door or living room protected.



We strongly recommend that you connect your **IntruderShield™** to a remote control powerboard. Set the **IntruderShield™** unit to best suit your premises and leave it switched on at all times, but turn the powerboard control to OFF on the handheld powerboard controller. Then, before retiring to bed or leaving the premises, press the handheld powerboard controller to ON to arm the alarm once you are out of the **IntruderShield™** alarm range. Your **IntruderShield™** will then go into active protection mode.



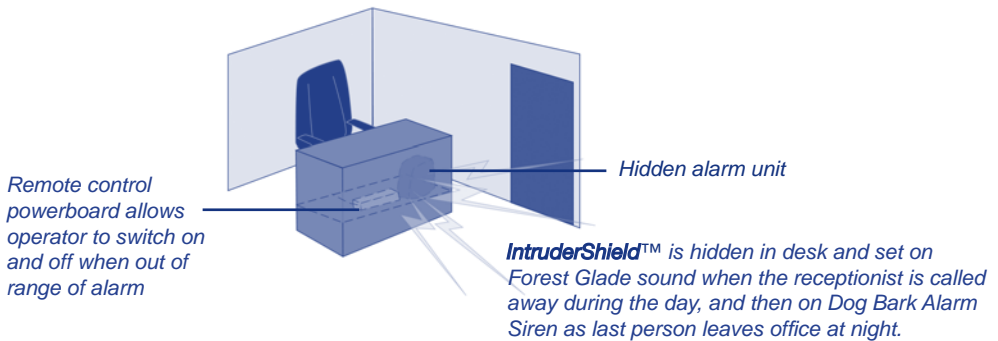
Hand-held powerboard and controller

But if a burglar enters while you are asleep or out of the apartment, the noise will have any but the most foolhardy intruder running away as fast as he can, and alert you if you are asleep at that time so that you don't have the nightmare scenario of waking up and finding an intruder in your bedroom. When returning home (if you have gone out) or getting up after sleeping, press the handheld remote-control button for the **IntruderShield™** to OFF. This should de-activate the unit before you come into the alarm's range. Always activate or de-activate the remote control power switch while still well out of range of the **IntruderShield™**'s alarm.

USING INTRUDERSHIELD IN BUSINESS PREMISES

There are two major uses for **IntruderShield™** in business premises.

The first is to alert staff that someone has entered the premises and needs attention. At a time when shops and offices endeavour to keep staff at a minimum, there are frequent occasions when the public area of a shop or office may be temporarily unattended. In an office, the receptionist may be called away by management or have to go to the bathroom. If a visitor enters at that time, your **IntruderShield™** – set to the 'sound-of-the-forest-glade' mode – will make a pleasant, welcoming, and intriguing sound, which will nevertheless alert everyone to the fact that someone has entered the foyer or reception area. Again, we recommend that **IntruderShield™** be placed in a cupboard, on a book shelf (and hidden by a framed photograph, flowers or similar), or even under the receptionist desk in an unobtrusive position. In these cases activating this with a remote powerboard is strongly recommended -- because it makes the process so easy and convenient.



At night, the last person to leave simply switches the **IntruderShield™** to the 'bark-and-siren' mode, and then activates the unit with the radio remote when out of range of the siren radar. This means that the unit only starts blaring if an intruder breaks in to the premises. In the morning, the person opening the shop or office reverses the procedure, and turns the **IntruderShield™** off with the remote before he/she reaches the radar-protected area. The remote controlled powerboard works with a radio beam that also penetrates most materials effortlessly.



Experiment with your new **IntruderShield™**! You will find a substantial number of interesting and workable options, and will be able to select the one that gives you the greatest security for your premises.

DETECTION EFFICIENCY

The electronic radar waves can penetrate a variety of materials with maximum efficiency. The following chart serves as a guide:

MATERIALS	EFFECT ON RANGE	
1. Glass	Slight reduction	
2. Timber doors	Slight reduction	
3. Plaster & brick	Medium reduction	
4. Metal (aluminium, steel, bronze)	Heavy reduction	
5. Curtain material	Slight reduction	
6. Fibreglass or plastic	Full reduction on some of these materials	Turn range knob to maximum
7. Paper cartons	Slight reduction	

ELECTRICAL SPECIFICATION

The **IntruderShield™** uses very little electrical power when in the detecting mode, but uses more power when activating.

Voltage	15-18 VAC-DC
Frequency	2.4 GHz
Net Weight	1.0 Kg, including AC adaptor
Power Detecting	0.22 Watts
Power Barking	2.6 Watts
Size (l x w x h)	14 x 14.5 x 19 cms (5.9 x 5.12 x 7.48 inches)

CAUTION

1. Our **IntruderShield™** unit is designed for use indoors only. If used outdoors or tampered with, this voids the guarantee.
2. Generally, the unit will not sense a moving object behind it, but it may at certain positions. In this case, try to change its position slightly to be most effective.
3. The unit should be placed at a height of 1-1.5 meters (3-4 feet) from the floor to obtain the widest range of detection.

IntruderShield™

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