

***Introducing the ENSA™
Wireless Automated
Light Switch
From***



***It's The "Magic Product"
That Every Monitored
Alarm Salesperson
Has Dreamt Of...***

MAKE MORE SECURITY SALES!

The ENSA Wireless Automated Light Switch provides:

1. INCREASED SECURITY:

When the alarm is activated by a sensor, that same sensor turns on the room lights to discourage the intruder. This may also allow CCTV cameras to see & record. Or perhaps you simply want the lights to turn on automatically when your customer opens their entry door so they can get to their alarm keypad! Both functions are great selling features.

2. HOME AUTOMATION:

Even if the alarm system is disarmed, the sensors are still active and are able to turn on the room lights automatically when someone enters the room.

3. ENERGY SAVING:

The ENSA has an in-built timer so that the lights can turn off automatically when the room is unoccupied, and also has an adjustable daylight sensor to ensure the lights come on only when there is insufficient natural lighting.

We believe that our ENSA™ Wireless Automated Light Switch is the best new product designed for the security industry in years because:

- ☐ It makes alarm sensors dual purpose.
- ☐ It is easily installed and retro-fittable.
- ☐ It adds a new selling proposition to the alarm industry for both existing alarms and new installations.
- ☐ It offers greater security, energy saving & simple home automation to the end-user in one low-cost device.
- ☐ It has been designed & manufactured right here in Australia!

But Don't Just Take Our Word For It!

The ENSA™ Won The Prestigious "Best New Product" Award at the ASIAL Security 2003 Exhibition, the premier annual event of the Australian Security Industry.

THE ENSA[®]

WORLD FIRST!

Patent Protected

ENergy SAving For The Alarm Industry

3 Easy Steps To Saving Power

1

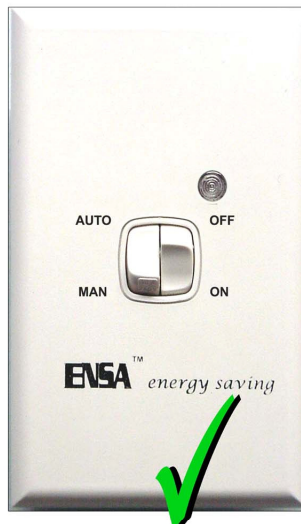
**Remove
Manual
Lightswitch**



Manual Lightswitch

2

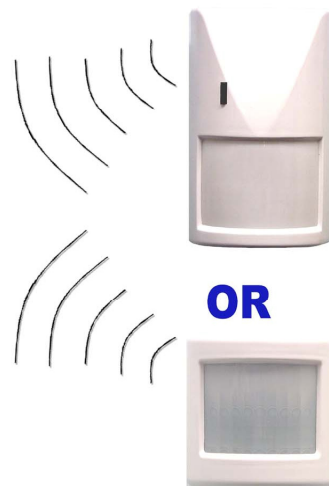
**Replace with
ENSA[®]
Lightswitch**



Automatic Power Saving

3

**Add Mini
Transmitter To
Any Hardwired
Sensor**



**Install Our
Wireless PIR
In Room**

**Makes Alarm Sensors Dual
Purpose By Turning On Room
Lights Automatically When
Movement Is Detected**

Designed & Manufactured By



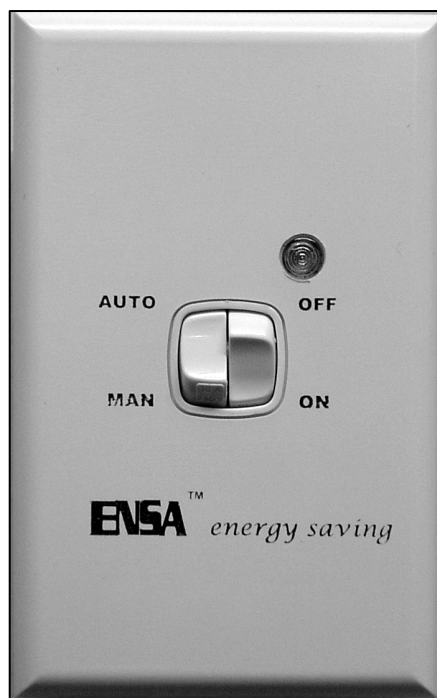
QUICK PRODUCT OVERVIEW

Introducing the Revolutionary ENSA™ ENergy SAving Wireless Light Switch

The ENSA™ Energy Saving Wireless Light Switch (Patent Protected) is a unique device that replaces the standard light switch in a room. The lights can then automatically be turned on when installed along with a compatible wireless detector, remote control, or by an existing alarm sensor that is easily retro-fitted with a miniature transmitter. When used in auto mode, if the wireless detector senses movement, a door opening, or perhaps even smoke, the ENSA can automatically turn the lights on for a pre-determined period. In normal everyday use the product can save energy (i.e. reduce your power bill) by not turning on room lights unless there is activity in the room, and there is insufficient natural lighting. There is also a manual mode of operation, where you can turn the lights permanently on or off as per a normal light switch.

For use in Australia, we chosen a quality HPM brand wall switch (which has a unique split switch) to integrate with our stat-of-the-art electronic ENSA receiver circuitry, giving a perfect combination for our application.

Front Cover On



Front Cover Removed



Wireless PIR Movement Detector



Note: The device used however can be any one of the following:

- An existing hardwired alarm sensor with a retro-fitted ENSA Transmitter
- A detector made by an electronic security manufacturer who has incorporated an ENSA transmitter as part of their design
- A Wireless PIR, Wireless Reed Switch, Wireless Smoke Sensor, Wireless Impact Sensor or Wireless Remote Control made by RhinoCo

Installation:

Simply remove your existing light switch and replace with an ENSA Wireless Light Switch. In most Australian homes, you won't even have to drill any new holes, as the template for the existing wall switch will be identical to the ENSA. Now install a suitable wireless detector and learn it in to the ENSA. Now adjust the light on time & light level to suit your room. In fact, the whole installation process should take a licensed electrician less than 10 minutes!

Operation:

To turn the lights on & keep them on permanently:

Click both switches down (the manual - on position).

To turn the lights off & keep them off permanently:

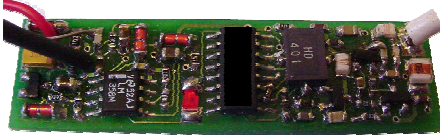
Click both switches up (the auto - off position).

To enable automatic activation of lights: Click the left half of the switch up to the auto position. Click the right hand half of the switch down to the on position i.e. switch is in the "auto - on" position.



At last! A Unique Selling Proposition for Marketers Of Monitored Alarm Systems

The ENSA product from RhinoCo offers additional security, convenience, safety *and* energy saving to any security alarm installation.



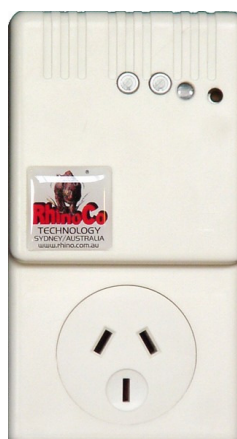
Shown left is the tiny universal ENSA transmitter that can be retro-fitted in minutes to any existing alarm detector that has an LED that illuminates when it detects movement. It connects to the 12VDC power supply the detector is already using.

Some monitored alarm installation companies may already have high-end home automation products available, but realize they are not appealing to the mass-market, and have little chance of selling these products to customers who already have a security system installed.

Using the ENSA product range as a marketing tool, the alarm salesperson can easily offer home automation and energy saving functions without the normal associated price tag and complex installation. It is truly home automation for the mass-market.

The ENSA product's target market is the average residential home, or the small to medium business operator.

- A full range of ENSA products are ready right now. (Please refer to the attached brochure). We are also working on more exciting additions for 2003/4. The main item to be released in October 2003 will be the ENSA Wireless Powerpoint as shown below. This device simply plugs into a 240V powerpoint, and enables any ENSA™ equipped transmitter to turn on the connected device. Perfect for lamps, floodlights, air conditioners, fans etc

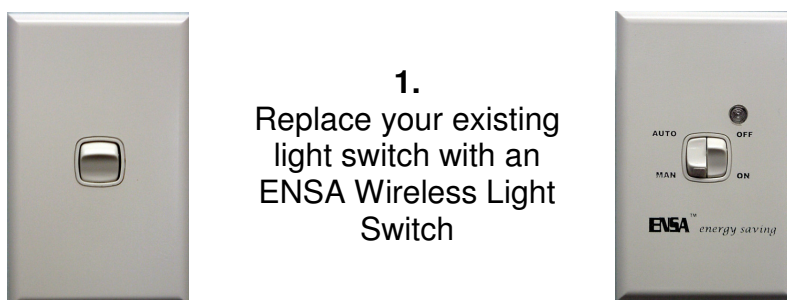


The ENSA For ENergy SAving & Simple Home Automation

Are you tired of people leaving your room lights on (wasting both energy & your hard earned money), or not bothering to use your exhaust fan perhaps? Or turning lights on out of habit, even when the room has sufficient natural lighting, and then leaving them on!

As a solution for the common scenarios described above, simply install an ENSA Wireless Light Switch with either a Wireless PIR Sensor to detect a person entering the room, or a Wireless Reed Switch to sense the room door opening. Now, whenever someone goes into that particular room, the lights will automatically switch on, and turn off after a pre-set period.

Installation couldn't be simpler:



2.
Install an ENSA
Compatible Wireless
PIR Sensor in the room



3.
Set the ENSA Wireless
Light Switch to "Auto".
Now whenever
somebody enters the
room the lights will turn
on automatically &
switch off after the time
you have pre-set. (Each
time movement is
sensed, the light on
duration timer re-starts).

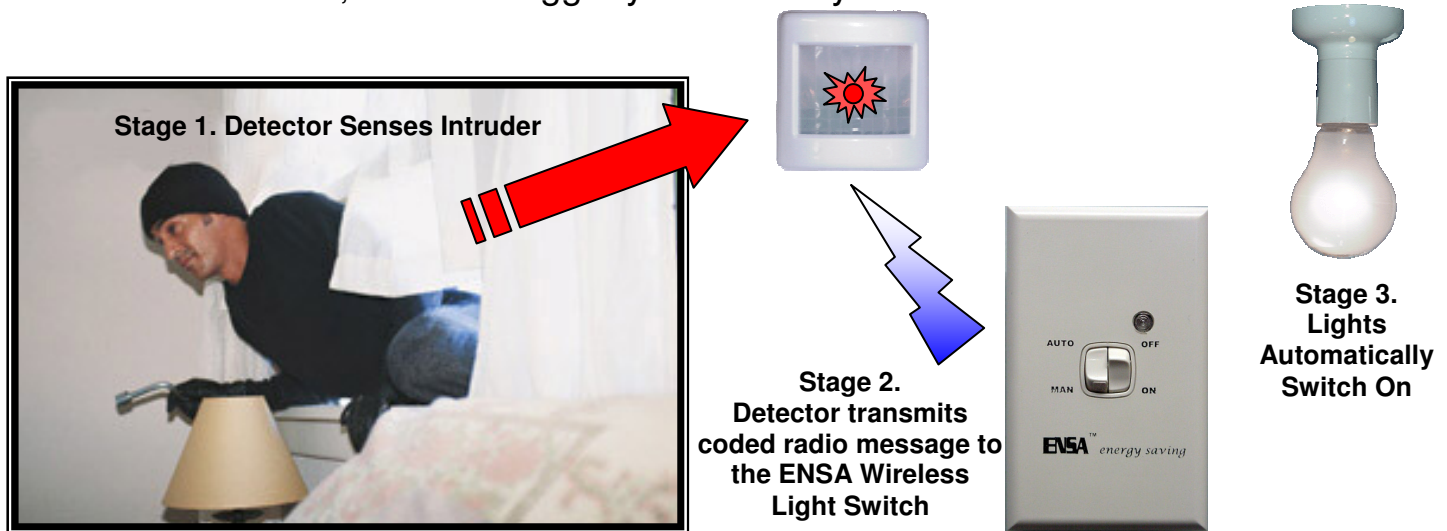


Photo Above: A typical scenario –
garage lights left on but nobody around!

The ENSA For Security

According to the latest figures from the Australian Bureau of Statistics, there were **438,982** reported cases of illegal entries into premises last year. Most of these were common "break & enters" into the domestic home.

With the ENSA - if a burglar breaks in at night your lights can automatically switch on to shock & discourage the would-be thief. Of course, the same detector that activates the ENSA, can also trigger your alarm system.



You can also for convenience replace the client's entrance light switch with an ENSA Wireless Light Switch. If you for example fit a wireless reed switch to their entrance door, as soon as they open the door the room light turns on automatically so they can see their way to their alarm keypad without fumbling for a light switch. Now that's convenient!

Any ENSA compatible wireless alarm sensor as shown below can be used for turning on your ENSA Wireless Light Switch.



Wireless PIR Sensors for detecting body movement



Wireless Reed Switches for detecting the opening of doors or windows



Wireless Smoke Sensors for detecting fires



Wireless Shock Sensors for detecting physical impact to doors or windows



Wireless Emergency (Panic) Buttons with large rubber button & lanyard



Wireless Remote Controls For On/Off Operation of ENSA Switch



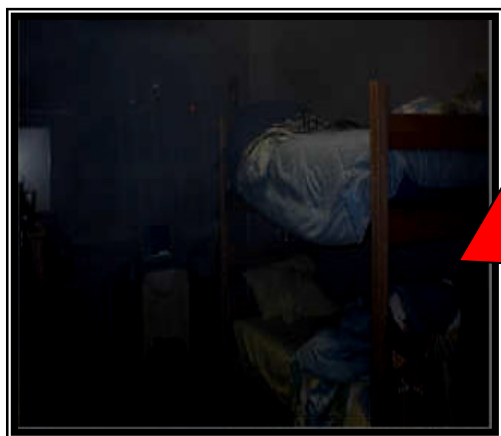
Any detector fitted with an ENSA Universal Transmitter



The ENSA For Fire Safety

Imagine that while you and your family are asleep, a fire starts in your home. It is a well known fact that a smoke filled room can be very disorientating, especially at night when you can't see properly at all. Will you find the light switch in time?

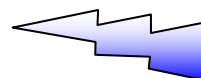
If however you were to have an ENSA compatible smoke sensor & ENSA Wireless Light switch installed in your home, as soon the smoke sensor activates you can have your lights automatically switch on to aid in your escape. An automated way of switching the lights on is certainly of significant benefit to one's safety in these circumstances.



Stage 1. Detector Senses Smoke



Stage 2.
Detector sounds and
also transmits coded
radio message to the
ENSA Wireless Light
Switch



Stage 3.
Lights Automatically
Switch On



Picture Left:
Room is automatically
illuminated aiding in the
occupants escape

But what happens if the ENSA Light Switch was left in the fully off position?

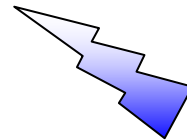
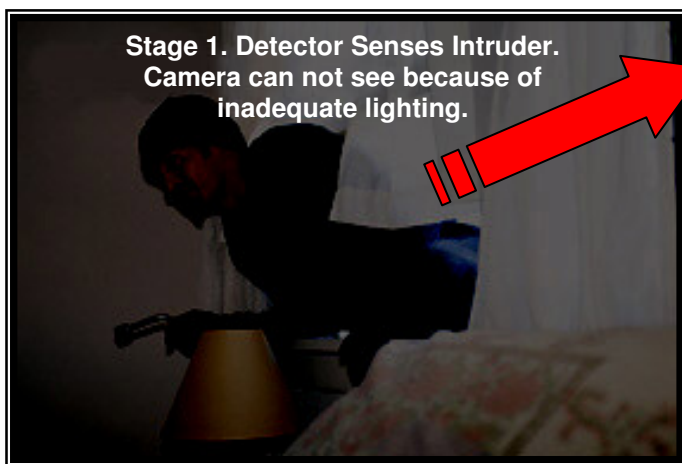
For applications where you wish to ensure that the lights will turn on even if the ENSA switch is in the fully off (and not auto) position, the standard split switch can simply be replaced by a single switch. The single switch can be in only two positions – either auto mode or on. Now, your smoke sensor will always be able to turn the light on in an emergency. This configuration may also be of use in public places where people may inadvertently switch the regular ENSA Light Switch completely off, rather than leaving it in the auto mode.



The ENSA For Security Cameras

A problem that is often not addressed in many Closed Circuit Television (CCTV) installations is catering for break-in's at night. Most colour cameras require significant illumination to be able to provide a useable picture. Leaving lights on is one expensive solution, and often internal rooms will have the lights switched off.

By fitting an ENSA Wireless Light Switch & an ENSA compatible wireless detector in rooms fitted with cameras, if a criminal enters that room, the alarm system can be activated as well as the necessary lights being switched on so that the cameras can see and record the incident.



Stage 2.
Detector transmits
coded radio message to
the ENSA Wireless
Light Switch and alarm
(if fitted).



Stage 3.
Light Automatically
Switches On and
alarm (if fitted)
activates.

Stage 4.
Scene is now fully
illuminated.



Stage 5.
Camera is able to see &
properly record the
image of the intruder.

The ENSA For Remote Controlled Lighting

Many people have the need for a simple remote controlled light switch, especially frail, disabled or invalid persons.

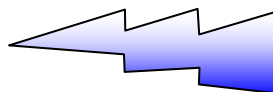
Most remote controlled light switches currently available rely upon infrared remote technology, which means you have to point your remote at the actual wall switch, and also be within 5 -10 meters (just like a VCR remote). This is not practical in many circumstances, and limits the devices operation in terms of range.

With the ENSA product, because it uses Radio transmission not infrared, you can be virtually anywhere in your house, and with the press of your remote control you can turn the lights on that are fitted with an ENSA Wireless Light Switch.

When released, the ENSA Wireless Powerpoint promises to give the same functionality to various other household devices such as air-conditioners that have no remote controls, fans, lamps etc



Turn on your lights from your lounge chair with your ENSA radio remote control!



You can use either the Wireless Emergency Pendant to simply turn your lights on, or use the two button remote control to have both on **and** off control.

Everyday Convenience Applications

WIRELESS OUTDOOR SENSOR LIGHTS

A person wishes to have their existing front porch light turn on automatically as they approach at night for both security & convenience. Currently, an electrician would need to either replace the existing light with a very limited choice of available sensor lights, or alternatively install a hardwired motion sensor involving drilling & cabling and connection to the existing light circuit.

Using the ENSA system, the customer can keep their existing light and simply have their existing wall switch replaced with an ENSA Wireless Light Switch. A Wireless PIR Detector can then be installed under the eave within a few minutes to allow motion activated switching of the light. In addition, the customer can use an optional radio remote control to turn the light on or off from virtually anywhere in their home.



Choose a porch light that fits in with your own architecture – no need to be stuck choosing from common sensor lights with little style...

AUTOMATED GARAGE LIGHTING

How about a person wanting to have their internal or external garage lights turn on automatically as they open their automatic roller door and park their car?

Currently, an electrician would need to install a hardwired motion sensor involving drilling & cabling and connection to the existing light circuit.

Using the ENSA system, the customer can simply have their existing wall switch replaced with an ENSA Wireless Light Switch. A Wireless PIR Detector can then be installed and within a few minutes motion activated switching of the light will be possible. In addition, the customer can use an optional radio remote control to turn the light on. Furthermore, if an alarm system was already installed, the ENSA Universal Transmitter could simply be added to the existing alarm detector in the garage, rather than need to buy a new Wireless Detector.

