

# ECO8x X ALARM KIT

DIALLER SECURITY ALARM PANEL

**BOXED FOR CONVENIENCE  
EASY ORDERING - EASY SHIPPING**



## NESS ECO8X HYBRID KIT

Part No. 106-033

Includes:

- 1 x 106-030 ECO 8 PANEL COMPLETE
- 3 x 100-021 STD QUANTUM PIR'S
- 1 x 100-219 PLASTIC SIREN COVER & KIT BAG
- 1 x NOI110 HORN SPEAKER 8 OHM
- 1 x 100-238 Top Hat Screamer
- 1 x NOI300 Strobe
- 2 x 100-664 NESS RK3 RADIO KEY - 3 Button
- 1 x 100-200 NESS RADIO INTERFACE

**INCLUDES  
2 X RADIO KEYS**

**INCLUDES  
3 X PIRS**



**INCLUDES SIRENS / STROBE / POWER SUPPLY / BACKUP BATTERY**

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Security Products

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# Ness ECO8x



**"MORE  
FOR  
LESS"**



ECO8x Keypad

## THE NESS ECO8x CONTROL PANEL Providing high security features and simplicity at the best price!

### MODERN KEYPAD

All new modern keypad with backlit rubber keys and illuminated system buttons. The ECO8x keypad also features programmable Fire and Medical buttons for monitored systems and dual button Panic Alarm. Up to three keypads can be fitted.

### FULL FEATURED

As a member of the famous Ness control panel family, ECO8x has the most commonly used and requested options including 8 alarm zones, fully flexible zone to output mapping, two area operation, programmable Home Mode, programmable auxiliary outputs, programmable Day Zones including Temporary Day Zones with Chime, Double Trigger zones, adjustable Vibration Sensitivity for each zone and much more.

### WIRELESS OPTIONS

Naturally ECO8x has the ability to be enhanced with optional Ness radio devices such as Radio PIRs and Radio Reed Switches for easy to install wireless detection. Three or four button Radio Keys can add the convenience of remote arming, disarming, panic or even the facility to open your electric garage door or operate lighting.

### MONITORING READY

ECO8x is fully monitoring capable and ready for back-to-base monitoring or you can even have it call your mobile phone and speak an audible alarm message.



Choose from wide range of quality Australian Made Ness accessories



A variety of radio options including wireless detectors & radio keys



## MAIN SOFTWARE FEATURES

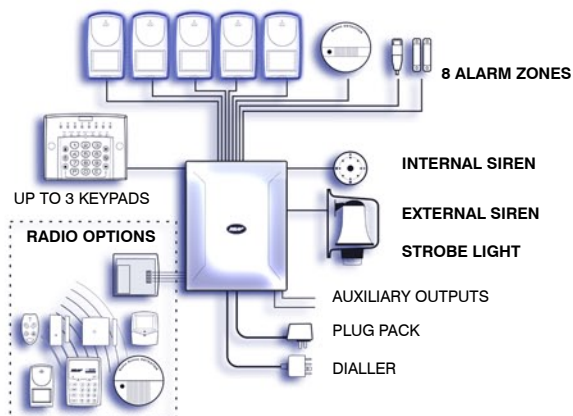
- 15 user codes can be assigned to 3 to 6 digits PIN codes with keypad options including Area assignment, Arm Only options, Code Only arming and much more.
- Two button arming feature.
- Keypad Fire and Medical buttons.
- Input to output mapping.
- Programmable 2 area partitioning with overlapping of zones allowed.
- Programmable sensitivity for vibration sensors - zone by zone basis.
- Programmable Long Response times for zones (1sec or 3sec).
- Home mode and Day Zone feature.
- Temporary Day Zone feature for Day Zone setup "On the fly".
- Unique keypad Chime in day Mode for use as a "door minder".
- Single or double trigger option on a zone-by-zone basis.
- Supports up to 14 Radio Keys.
- Uses NessComms up/download software package
- Programmable siren/reset lockout.
- 30 event memory from keypad
- Siren chirp/strobe flash on radio key arming.
- Quiet chirps on Arm / Disarm option.
- Standard defaults to suit most applications.
- and much more...

## MAIN HARDWARE FEATURES

- 8 fully programmable zones.
- End Of Line supervision 2K2 or 3K3 programmable.
- Supports up to 3 remote ECO8x Keypads.
- Plug-in Radio Interface supports any Ness radio device
- LISTEN pins allow the installer to diagnose dialler tones on site.
- True dynamic battery test hourly.
- 2 programmable auxiliary outputs.
- Automatic resetting fuses on all outputs.
- Optional latching or momentary keyswitch arming option.
- Complies with all relevant Australian and CE standards.
- and much more...

## DIALLER

- Full remote upload/download by PC and modem using NessComms™ software.
- Contact ID Format for central station monitoring.
- Audible voice format speaks "Alarm Alarm Alarm" message.
- Two 14 digit phone numbers.
- Phone line monitoring (activates output).
- Fail To Communicate monitoring (activates output).
- Automatic Test calls at programmable intervals.
- Installer's diagnostic Listen-In To Dialler option via speaker output.
- Pulse or DTMF dialling.
- True dial tone detection.



AVAILABLE FROM:

# ECO8x CONTROL PANEL

Providing high security features and simplicity at the best price!

## SPECIFICATIONS

Box dimensions	235w x 300h x 90d mm.
Plug pack	240V AC, output 17V AC@1.4A.
Power supply	13.8V DC @ 800mA.
Quiescent current draw	80mA with 1 keypad.
Operating voltage	9.5V- 14V DC.
Rechargeable battery	12 volt 7.0 Amp/hour Sealed Lead Acid.
Battery charging current	350mA maximum, current limited.
Dynamic battery test	Backup battery is tested under load, hourly and on arming.
Fuses	2 Amp auto resetting / Siren output & Reset output. 500mA auto resetting / 12 volt auxiliary outputs. 200 mA auto resetting / strobe output.
Zone inputs	8 zone inputs.
End of line resistor	2200 Ohms (2K2)
Maximum keypads	3.
RADIO Header	Multi-pin connector for the Ness Radio Interface.
Siren output	On board siren driver with timed output . Maximum 3 x 8 Ohm horn speakers.
Strobe output	12V DC timed output. Maximum 2 x 1 Watt strobe lights.
Reset output	12V DC timed output. Max. 3 x 12V piezo screamers.
Equipment power output	13.8V DC output for powering detectors and other equipment. Maximum 500mA.
AUX1 output	Screw terminal on the main terminal strip. Programmable for either smoke detector power reset, area1 armed output or radio AUX output.
AUX2 output	AUX2 output programmable for either zone alarm output, area2 armed output, radio panic output, line fail output or fail to communicate output.



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Detectors, radio products and accessories sold separately.