



Alarm Control Panels

# TOUCH ME!



## NAVIGATOR

### The new face of your alarm system

#### Navigator Touch Screen Keypad

Ness Navigator Touch Screen Keypad is surely the best looking and most functional alarm interface ever made.

Teamed with the feature-packed new D8x and D16x version 7 panels, Navigator provides both the user and the installer with unrivalled ease of use.

Navigator's self-explanatory operation guides provide you with plain English displays and intuitive touch screen operation.

Navigator's many display screens make it easy to view all your zones *with your own text descriptions*, get help and prompts for arming, disarming, operating outputs, emergency alarms and much more.

*Operating your Ness alarm system has never been easier!*



Navigator Touch Screen Keypad is supplied with Ness Navigator Series D8x and D16x alarm control panels.



# Control Panel Features

## NAVIGATOR CONTROL PANEL

- 8 or 16 alarm zones.
- Supports up to 3 Navigator Touch keypads.
- 56 user codes can be programmed to operate by keypad PIN, Radio Key or Access Card.
- Optional Ness Radio Interface for fully integrated wireless security.
- Programmable Two Area partitioning can split the panel into two independent areas plus a common area.
- Real Time Clock with AutoTime features - auto arm/disarm, auto aux outputs, time based user control.
- 3 Door Access Controller onboard with support for Weigand prox or fingerprint readers.
- Home Monitor Mode allows partial arming, (eg, perimeter security overnight).
- Day Mode feature allows daytime monitoring of fire doors, coolrooms and other doors without the need for full arming.
- Temporary Day Zone feature allows easy enabling/disabling of Day Mode by the user.
- Keypad Panic and Duress facilities.
- Two button arming option for quick and easy arming.
- Fire Alarm option with different siren tones.
- Highly flexible zone to output mapping.
- Onboard Vibration Sensor Analyser with programmable sensitivity. Use with Nessenor™ vibration sensors.
- Multiple programmable EOL resistor values from 0k to 22k (2k2 resistors supplied).
- Siren chirp and strobe flash on arming with radio key.
- Quiet chirps option on arm/disarm by radio key.
- True Dynamic Battery Test actively tests the battery under load every hour and every time a keypad code is entered.
- 4 programmable auxiliary outputs.
- Enhanced serial data input/output via RS232 for interfacing to third party controllers.
- Automatic reset fuses protect all outputs.
- Programmable Reset Output lockout.
- 30 event memory from keypad. 80 event memory can be accessed using NessComms™.
- Standard defaults to suit most applications for faster installation.
- Easy programming by keypad or NessComms™ software.
- All programming data is permanently stored in a non-volatile memory.
- All inputs and outputs are heavily protected against lightning and high voltage supply transients.
- Optional output expander provides systems and zone outputs.

## DIALLER

- Full remote upload/download by PC and modem using NessComms™ software.
- View system status and arm/disarm using NessComms™.
- Remote control of outputs via telephone.
- Contact ID Format - Two 14 digit phone numbers plus one "follow me" number.
- Audible Voice format feature.
- Phone line monitoring (activates output).
- Dialler 'Listen in' option for installers makes line diagnosis easy.
- Auto Test calls programmable with 2 to 198hr interval.
- Hex programmable client codes as required by some central stations.



Alarm Control Panels



The D8x/D16x Real Time Clock provides a set of powerful yet easily programmed automation and security functions such as:

### AUTO Arm-Disarm-Home Mode

ARM or DISARM AUTOMATICALLY at pre-programmed times or day of the week.

This feature can save a site manager many headaches and hours of travel time. There is no need to rely on staff remembering to arm or disarm the system.

### AUTO Output Control

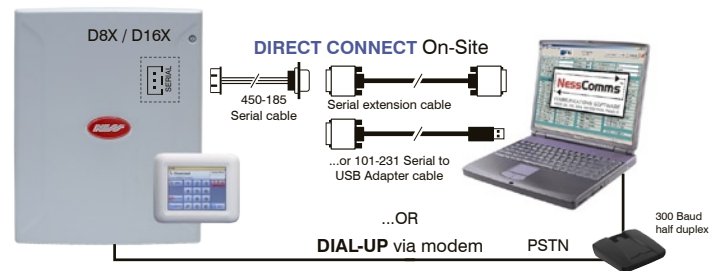
TURN OUTPUTS ON or OFF at pre-programmed times - every day, once a week, anytime. Automate doors, sprinkler systems, lights and more.

### AUTO User Control

ENABLE/DISABLE USER CODES depending on the time of day or day of the week. Allows managers to grant users access to the system at selected times or to deny after hours entry.



Experience NessComms Software. The fastest, easiest way to PROGRAM, VIEW & CONTROL Ness panels.



### OPTIONAL ACCESSORY BOARDS



106-011  
Output Expander



106-013  
4 Relay Board



106-012  
Reader Interface



100-200  
Radio Interface



OPTIONAL RADIO ACCESSORIES  
OPTIONAL ACCESS CONTROL READERS

\* Radio operation requires addition of the optional Ness Radio Interface.

## MULTIPLE TOUCH SCREENS

# NAVIGATOR

## Touch Keypad Features

Touch the screen to activate alarms



- 3.5" colour LCD Touch Screen.  
*The easiest to read alarm keypad ever!*

- Superb contemporary design.  
*Clean, crisp design adds elegance to any decor in the home or office.*

- Designed for the user with plain English event displays by name.  
*Add your own text descriptions for your alarm zones, Choose from the built-in library or add your own.*

- Dealer Details Page.  
*Never lose a business card again! Your installer can leave his contact details in your Navigator.*

- Advanced English Programming making installation faster and easier than ever.  
*Navigator makes everyday programming such as changing user codes or timers a breeze.*

- Makes Alpha Numeric keypads a thing of the past.  
*Navigator leaves nothing to guesswork, with no LEDs or LCD Icons to interpret, you may not even need to refer to the manual.*

- Lowest cost Touch Screen on the market.  
*Navigator is a true Price-Performance breakthrough offering touch screen technology for not much more than a traditional keypad.*

- Designed and manufactured by Ness Corporation, your Australian Supplier.  
*Navigator is proudly a genuine Australian product - conceived, born and raised at our Seven Hills NSW manufacturing facility.*

\* Navigator Touch Screen Keypad is compatible with Ness D8x and D16x control panels version 7 and later.

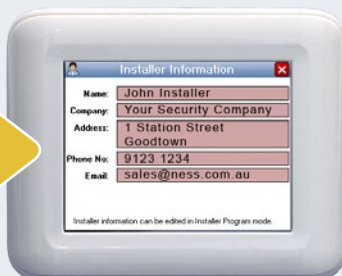
Four Auxiliary Outputs Programmable by event or time. Touch ON, Touch OFF.



View and add your own zone names



Never lose a business card again! Your installer can leave his contact details in your Navigator.



And much more...



# NAVIGATOR

## SPECIFICATIONS

### Navigator Touch Keypad

<b>DIMENSIONS</b>	235w x 300h x 90d mm.
<b>DISPLAY TYPE</b>	3.5" Colour LCD
<b>DISPLAY RESOLUTION</b>	320 x 240
<b>TOUCH SCREEN</b>	Touch sensitive surface
<b>COMPATIBILITY</b>	D8x & D16x control panels version 7 and later
<b>OPERATING VOLTAGE</b>	12VDC supplied by the control panel
<b>DATA</b>	2 wire proprietary Ness data bus

### Navigator Control Panel D8x / D16x V7+

<b>BOX DIMENSIONS</b>	235w x 300h x 90d mm.
<b>PLUG PACK</b>	240V AC, output 17V AC@1.4A.
<b>POWER SUPPLY</b>	13.8V DC @ 800mA.
<b>QUIESCENT CURRENT DRAW</b>	80mA with 1 keypad.
<b>OPERATING VOLTAGE</b>	9.5V– 14V DC.
<b>RECHARGEABLE BATTERY</b>	12 volt 7.0 Amp/hour Sealed Lead Acid.
<b>BATTERY CHARGING CURRENT</b>	350mA maximum, current limited.
<b>DYNAMIC BATTERY TEST</b>	Backup battery is tested under load, hourly and on arming.
<b>FUSES</b>	2 Amp auto resetting / Siren output & Reset output. 500mA auto resetting / 12 volt auxiliary outputs. 200 mA auto resetting / strobe output.
<b>ZONE INPUTS</b>	8 or 16 zone inputs. 2 x 24hr tamper inputs.
<b>END OF LINE RESISTOR</b>	Choice of 12 programmable values including N/C. Default 2200 Ohms (2.2k)
<b>MAXIMUM KEYPADS</b>	3 x Navigator Touch Keypads max.
<b>RADIO HEADER</b>	Multi-pin connector for the Ness Radio Interface.
<b>SERIAL HEADER</b>	Serial data port for direct connect programming using NessComms™ software. Also 2 way serial data.
<b>READER HEADER</b>	Multi-pin port for connecting up to 3 Ness proximity access card readers via 106-012 Weigand Interface.
<b>SIREN OUTPUT</b>	On board siren driver with timed output. Maximum 3 x 8 Ohm horn speakers.
<b>STROBE OUTPUT</b>	12V DC timed output. Maximum 2 x 1 Watt strobe lights.
<b>RESET OUTPUT</b>	12V DC timed output. Max. 3 x 12V piezo screamers.
<b>EQUIPMENT POWER OUTPUT</b>	13.8V DC output for powering detectors and other equipment. Maximum 500mA.
<b>AUX HEADER</b>	Multi-pin connector provides outputs Aux1, Aux2, Aux3, Aux4, 12V DC.



[www.ness.com.au](http://www.ness.com.au)



\* Navigator is compatible with Ness D8x and D16x control panels version 7 and later.

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