D·8X D·16X V7

Alarm Control Panels

TOUCH ME!

ZONE

Disarmed | System Alarm
Panel is READY for arming.

ARM | 1 2 3 | EMERGENCY
| 4 5 6 |
ZONE EXCLUDE | 7 8 9 |
MEMORY | P 0 E | INFO

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.

NESS CORPORATION

MADE IN AUSTRALIA

V7

Control Panel Features

D·8X DIALLER SECURITY ALARM PANEL
D·16X DIALLER SECURITY ALARM PANEL
V7
Alarm Control Panels

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. The D8x and D16x support up to 55 Radio Keys and up to 8 (D8x) or up to 16 (D16x) Ness radio devices such as radio PIRs, radio reed switches or other Ness radio devices.
- 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 Nessensor™ 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.

FULLY COMPATIBLE WITH ALL NESS RADIO DEVICES*

NAVIGATOR TOUCH KEYPAD SUPPLIED

REAL TIME CLOCK FOR AUTO TIME FEATURES

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AUTO TIME

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.

NessComms™

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

FREE TRADE DOWNLOAD

D8X / D16X

DIRECT CONNECT On-Site

450-185 Serial cable
Serial extension cable
...or 101-231 Serial to USB Adapter cable

...OR

DIAL-UP via modem   PSTN

300 Baud half duplex
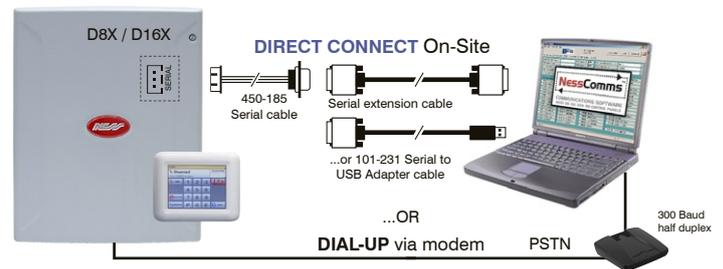
OPTIONAL ACCESSORY BOARDS

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 oepration requires addition of the optional Ness Radio Interface.

Beauty, function and security come together...

NAVIGATOR
Touch Keypad Features

Touch the screen to activate alarms

Four Auxiliary Outputs Programmable by event or time. Touch ON, Touch OFF.
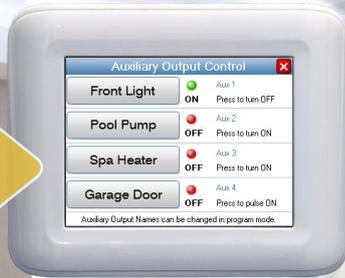
View and add your own zone names

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

And much more...

- 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 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, made in our Seven Hills NSW manufacturing facility.

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

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NAVIGATOR

Navigator Touch Keypad

DIMENSIONS	108w x 86h x 15d mm.
DISPLAY TYPE	3.5" Colour LCD
DISPLAY RESOLUTION	320 x 240
TOUCH SCREEN	Touch sensitive surface
COMPATIBILITY	D8x & D16x control panels version 7 and later
OPERATING VOLTAGE	12VDC supplied by the control panel
DATA	2 wire proprietary Ness data bus

Navigator Control Panel D8x / D16x V7+

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 or 16 zone inputs. 2 x 24hr tamper inputs.
END OF LINE RESISTOR	Choice of 12 programmable values including N/C. Default 2200 Ohms (2.2k)
MAXIMUM KEYPADS	3 x Navigator Touch Keypads max.
INTEGRATED RADIO OPTION	Multi-pin connector for the optional Ness Radio Interface. Supports up to 55 Radio keys (D8x/D16x). Up to 8 radio zones (D8x) or 16 radio zones (D16x).
SERIAL HEADER	Serial data port for direct connect programming using NessComms™ software. Also 2 way serial data.
INTEGRATED ACCESS CONTROL	Multi-pin connector the optional Weigand Interface. Supports up to 3 Ness proximity access card readers.
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.
AUX HEADER	Multi-pin connector provides outputs Aux1, Aux2, Aux3, Aux4, 12V DC.

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