

# V6



NOW WITH

**AUTO TIME**

NOW WITH

**NEW KPX KEYPAD**

**D8X**  
DIALLER SECURITY ALARM PANEL

**D16X**  
DIALLER SECURITY ALARM PANEL

## "THE INSTALLER'S CHOICE" IS NOW EVEN BETTER!

The famous Ness D8x and D16x control panels just got even better. Version 6 builds on the tried and proven reliability, power and versatility of the X-Series panels and adds even more value and high-end features.

### D8X/D16X MAJOR FEATURES

- 8 or 16 Zones + Tamper (D8x/D16x)
- Onboard 3 Door Access Controller
- Auto-Time Control via onboard Real-Time Clock
- Optional Radio Interface for integrated wireless security
- Onboard Vibration Sensor Analyser
- Multiple programmable EOL resistor values from 0k to 22k
- 4 programmable auxiliary outputs
- Direct Connect or Dial-up programming via NessComms™
- Contact ID and VOICE reporting dialler
- Remote control of outputs via telephone
- Up to 56 User Codes (PIN, RADIO KEY or PROX CARD)



### KPX KEYPAD FEATURES

- High contrast LCD with blue backlighting
- New easy to read LCD icons
- Adjustable keypad beep volume and LCD brightness
- New keypad pairs for FIRE, PANIC and MEDICAL
- New Chime mode for Day Mode & Monitor Mode
- Supports D8x/D16x V6 panels
- Backward compatible with previous D8x/D16x panels

106-016 KPX Keypad White (Supplied with D8x/D16x)  
106-015 KPX Keypad Silver (Optional extra)



**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 and deny after hours entry.



106-009 D16x Panel





- 8 or 16 alarm zones.
- Supports up to 3 remote LCD 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 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.

#### D16x C-BUS MODEL\*

- Full Compatibility with Clipsal C-Bus commands
- 16 programmable C-Bus Events
- Send C-Bus commands off multiple D16x events. Unsealed zones / End of exit delay / Alarm condition / Arm or Disarm state.
- Compatible C-Bus devices can arm the D16x.

\* NOTE. V6 features such as Auto-Time are not available in the C-Bus model.

#### MODELS

106-001 D8x Panel with LCD keypad

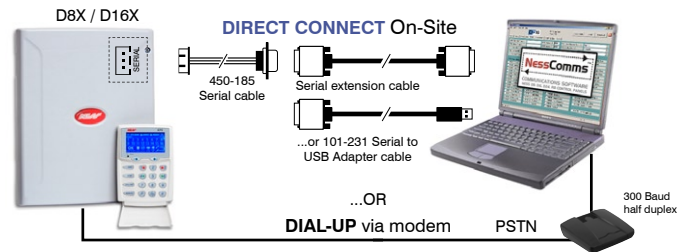
106-004 D16x Panel with LCD keypad

106-009 D16x C-Bus Panel with LCD keypad



FREE TRADE DOWNLOAD

Experience the full power of V6 with 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

#### 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 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.
RADIO Header	Multi-pin connector for the Ness Radio Interface.
SERIAL Header	Serial data port for direct connect programming using NessComms™ software. Also 2 way serial data (V5.6+)
READER Header	Multi-pin port for connecting up to 3 Ness proximity access card readers via 106-012 Weigand 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.
AUX Header	Multi-pin connector provides outputs Aux1, Aux2, Aux3, Aux4, 12V DC.



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