

netSELECT™

## Advantages and Wiring Layout

*Structured Wiring*

- Share single analog, cable or DSL internet connection.
- Local file access.
- Shared peripherals.
- Multiple telephone distribution.
- Call handling (PBX).
- Video distribution.
- Play games that allow multi-users.
- Control home automation systems.

### *Connect Your Home to Internet, Voice And Video Services.*

netSELECT™ is an innovative network solution that's perfect for any home or small office. Specifically positioned as the voice/data segment for the homeSELECT™ brand, the netSELECT™ System satisfies the need for a dependable, flexible system that can accommodate all of today's fast-changing voice, data and video requirements. This cost-effective solution incorporates all the quality you'd expect from Hubbell. Built-in flexibility makes it easy to upgrade and keep pace with evolving technologies.



### **Easy for Installers**

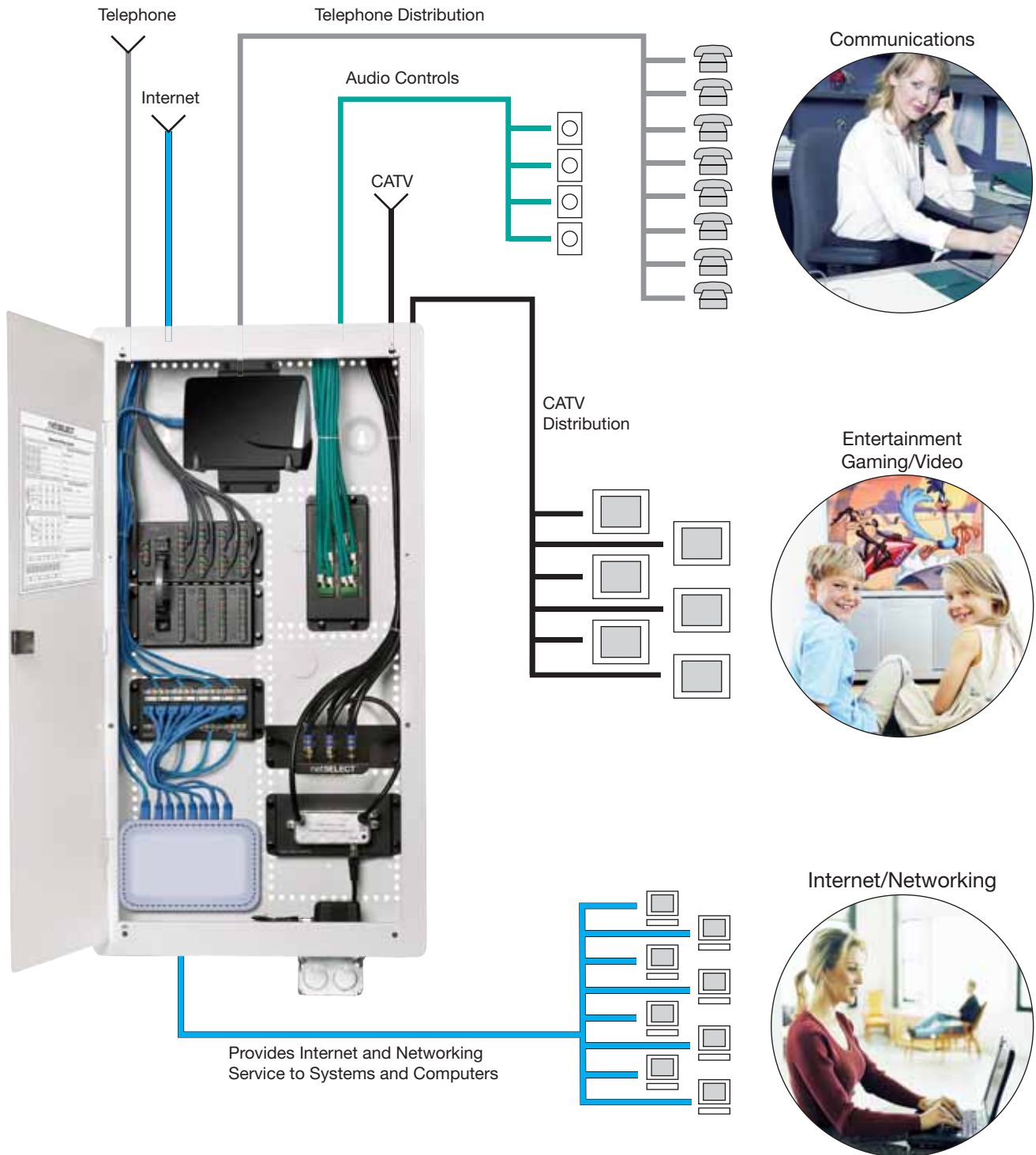
An easy-to-hang cabinet featuring surface or recess mounts between 16-inch studs on center, 2 x 4 inch minimum. netSELECT™ Modular Components snap into the box horizontally or vertically, optimizing space. A blank module provides flexibility for installers to use their own choice of manufacturer's active components. Also included: A reversible and lockable hinged door, ample cable entrance locations and a complete offering of jacks, plates and other work station accessories.

### **Easy for Users**

Built in flexibility to upgrade and keep pace with evolving technologies. An easy-to-read label helps you to keep track of the system's infrastructure. The white powder coat finish provides a clean, durable chassis to house all components.

netSELECT™  
**Advantages and Wiring Layout**  
*Structured Wiring*

*Today's Communications Entail A Lot More Than Just Talking.  
 netSELECT™ Keeps You Connected—Internet, Voice, Data and Entertainment*



netSELECT™

**Network Enclosures**

Structured Wiring



- Flush or surface mount enclosure (hardware provided).
- Hinged cover can be mounted to swing from either side.
- Integral trim ring hides rough-in hole in sheet rock providing a finished appearance.
- Horizontal and vertical module mounting holes for maximum flexibility.
- Unique 89D bracket mounting holes allow easy mounting of 66 blocks and peripherals.
- Provisions to mount optional duplex power and lock kit available.
- Integral cable management slots and tie-wraps provided to help dress cable runs.
- Additional nylon push pins provided to assist module mounting.
- Material: 20-18 gauge steel.
- Finish: white, powder coat.
- UL and cULus Listed 1863.

**Network Enclosures**

Description	Catalog Numbers
-------------	-----------------

Pre-configured Network System	<b>NSOBNK14</b>
-------------------------------	-----------------

Basic home network kit includes:

- One box with hinged cover NSOBX14,
- One primary 8-port telephone module NSOPTM8,
- One four-way coaxial splitter module NSOVDM4

**NSOBX10**

10.0 Inch Network Enclosure for MDU and Modular Applications	with Hinged Cover with Panel Cover 10"H Box only Hinged Door Panel Cover	<b>NSOBX10</b> <b>NSOBX10BC</b> <b>NSOBX10B</b> <b>NSOBX10D</b> <b>NSOBX10C</b>
--	--	---

Dimensions:

14.38 in. W x 10.0 in. H x 3.96 in. D

Knock-outs:

- Top: four 1½ in. N.P.T. or completely open combo;
- Bottom: four 1½ in. N.P.T. or completely open combo;
- Back: none

**NSOBX14**

14.0 Inch Network Enclosure	with Hinged Cover with Panel Cover 14"H Box only Hinged Door Panel Cover 2"D Extension Bracket with ventilation and WiFi KOs	<b>NSOBX14</b> <b>NSOBX14BC</b> <b>NSOBX14B</b> <b>NSOBX14D</b> <b>NSOBX14C</b> <b>NSOBX14X2</b>
-----------------------------	---	---

Dimensions:

14.38 in. W x 14 in. H x 3.96 in. D

Knock-outs:

- Top: two 1 in. Dia. and three 1½ in. N.P.T. combo;
- Bottom: one 1 in. Dia. and one 1½ in. N.P.T. combo;
- Back: two ¾ in. N.P.T.

**NSOBX28**

28.0 Inch Network Enclosure	with Hinged Cover with Panel Cover 28"H Box only Hinged Door Panel Cover 2"D Extension Bracket with ventilation and WiFi KOs	<b>NSOBX28</b> <b>NSOBX28BC</b> <b>NSOBX28B</b> <b>NSOBX28D</b> <b>NSOBX28C</b> <b>NSOBX28X2</b>
-----------------------------	---	---

Dimensions:

14.38 in. W x 28 in. H x 3.96 in. D

Knock-outs:

- Top: five 1½ in. N.P.T.;
- Bottom: two power kit knockouts;
- Back: four ¾ in. N.P.T.

48.0 Inch Network Enclosure	with Hinged Cover	<b>NSOBX48</b>
-----------------------------	-------------------	----------------

Dimensions:

14.38 in. W x 48 in. H x 3.96 in. D

Knock-outs:

- Top: five 1½ in. N.P.T.;
- Bottom: two power kit knockouts;
- Back: none

Note: For custom installs, REKHS is also available. See section P for ordering information.

netSELECT™  
**Network Modules**

Structured Wiring



netSELECT™ Modular Components enable the designer to select performance requirements specifically for the application. Modules snap horizontally or vertically into the enclosures for maximum flexibility and optimum space usage.

- Dimensions: 6.47 inch W x 2.95 inch H, except NSOMTM24 6.47 inch W x 6.00 inch H.
- Meets FCC Part 68 standard.
- Finish: black, powder coat.
- Material: 18 gauge steel or high impact plastic.
- UL and cULus Listed 1863.

**Network Modules**

Description	Catalog Numbers
-------------	-----------------

**Combo Module**  
 Complete Home Network Combo Module 6-Port Telephone Panel and 6-Port Coaxial Splitter with Optional 6-Port Cat. 5e Panel Provides voice, video, and data distribution in a space efficient package. Perfect for use with NSOBOX10 and NS790xx plates to quickly establish a comprehensive home network.



**NSOTVM6**

6-Port Telephone and Video  
 6-Port Telephone, Video and Category 5e  
 6-Port Category 5e Data Upgrade Kit

**NSOTVM6**  
**NSOTVDM6**  
**NSODK6**

**Primary Telephone Module, 8-Port**  
 Supports 8 phone outlets with up to 4 incoming lines for voice, fax or modem applications in a protected PCB module. Pre-mounted push pins snap the module quickly into place. RJ31X interface jack included for security system connection. RJ45 jack interfaces with optional NSOETM8 Telephone Expansion module for additional extensions.



**NSOPTM8**

**Expansion Telephone Module, 8-Port**  
 Adds an additional 8 phone outlets with up to 4 incoming lines when used with the primary telephone module. Pre-mounted push pins snap the module quickly into place. Includes RJ45 jumper cord to connect with NSOPTM8 Primary Telephone module.

**NSOETM8**



**NSOETM8**

**Category 5e Data Module, 8-Port**  
 Supports Gigabit Ethernet for up to 8 Category 5e data lines with front 110 Punch-Down terminations in a protected PCB module. Pre-mounted push pins snap the module quickly into place.

**NSODM8**



**NSODM8**

**Category 6 Data Module, 8-Port**  
 Supports enhanced transmission speeds beyond gigabit ethernet. Future proof for tomorrows applications.

**NSODM8C6**

**Multiport Patchable Telecom Module**  
 Terminates lines via modular plug to accommodate flexibility, by changing plug locations. Reconfigure where phone lines go at the panel level. Allows data lines to be converted to voice, with the move of a patch cord. Includes nine RJ45 jumper cords.

**NSOMTM24**



**NSOMTM24**

**Combination Module**  
 6-Port Telephone and 1-Port Data  
 Provides basic telephone and data delivery in a small package. Allows data lines to be converted to voice, with the move of a patch cord.

**NSO6P1DM**



**NSO6P1DM**

netSELECT™

**Audio/Video Modules***Structured Wiring*

netSELECT™ Video Modules support bidirectional signal by splitting to 4, 6, or 8 separate work areas. Pre-mounted push pins snap the module quickly into place.

- Dimensions 4- and 6-way: 6.47 in. W x 2.95 in. H.
- Dimensions 8-way: 6.47 in. W x 2.09 in. H x 3.20 in. D.
- Finish: black, powder coat.
- UL and cULus Listed 1863.

**Audio/Video Modules****Description****Catalog Numbers****NSOVDM4**

4-Way Coaxial Splitter Modules,  
One Incoming Line, Four Outgoing  
1 Ghz, Basic Unit  
2.3 Ghz, Enhanced Capability

**NSOVDM4**  
**NSOVDM42G**

**NSOVDM6**

6-Way Coaxial Splitter Modules,  
One Incoming Line, Six Outgoing  
1 Ghz, Basic Unit  
2.3 Ghz, Enhanced Capability

**NSOVDM6**  
**NSOVDM62G**

**NSOVDM8**

8-Way Coaxial Splitter Modules,  
One Incoming Line, Eight Outgoing  
1 Ghz, Basic Unit  
2.3 Ghz, Enhanced Capability

**NSOVDM8**  
**NSOVDM82G**

**NSOVAMP**

Fixed Video Amplifier Module, 10dB  
120 volt rated.  
240 volt rated.

**NSOVAMP**  
**NSOVAMP240**

Provides video signal amplification for incoming cable feeds recommended for use when more than four outputs are installed or when signal level is low. Provides 10dB forward path gain and supports current digital cable systems and modems with a passive return. Pre-mounted push pins snap the module quickly into place. Includes RG-59 cable jumper to connect amplifier to passive video splitter.

**NSOAM8**

8 Room Audio Module,  
Distributes audio from an amplifier to matching volume controllers. Supports up to eight rooms of audio. Power handling - 200W RMS@20° C. Requires impedance matching volume controls, see page V-67.

**NSOAM8****NSOBM**

Blank Module Plate  
Allows mounting of active components (i.e. switches, routers) or other devices (66 blocks, audio components) onto a modular platform. Can be custom drilled or used with two self-adhesive VELCRO® strips included to mount components onto module. Pre-mounted push pins snap the module quickly into place.

**NSOBM**

# netSELECT™ Accessories

## Structured Wiring



netSELECT™ Accessories enhance system capabilities. Volume controls expand home audio applications. Cabinet mounted receptacle kits provide convenience power to the enclosure.

- Audio controls available in slide or rotary.
- Receptacles available in surge and standard kits.

### Accessories

Description	Color	Catalog Numbers
Slide Audio Volume Controller, Decorator Styling, Power handling - 70W RMS@20° C. Impedance matching for up to 8 pairs of speakers. Includes both ivory and white slides and frames.	Ivory/White	<b>NSOSAVC</b>
Rotary Audio Volume Controller Power handling - 70W RMS@20° C. Impedance matching for up to 8 pairs of speakers. Includes both ivory and white knobs and frames.	Ivory/White	<b>NSORAVC</b>
Standard Power Kit, Includes duplex receptacle 15A 125V NEMA 5-15R, electrical steel box and wallplate.		<b>NSOKP</b>
Surge Suppression Power Kit, Includes surge receptacle 15A 125V NEMA 5-15R, 240 Joules/15,000A protection per mode, electrical steel box and wallplate.		<b>NSOKPS</b>
Chromed Steel Lock Kit, Includes two keys. Eliminates unwanted tampering.		<b>FLOCK1</b>
Panel Bracket Adapter, For use with Adapter Panels shown below, and FSP series modules in section P, page 16. Snap mounts into structured cabling enclosures.		<b>NSOFSB</b>
F-Connector Adapter Panel, with Six Populated Coaxial Connectors.		<b>FSPFP6X*</b>
Keystone Adapter Panel, with Six Blank Openings for jacks and snap fits.		<b>FSPHD6X*</b>

Note: \* For additional mounting options see section P.



**NSOSAVC**



**NSORAVC**



**NSOKPS**



**FLOCK1**



**NSOFSB**



**FSPFP6X**



**FSPHD6X**

netSELECT™

# Universal Consolidation Blocks, Patch Panels and Patch Cords

Structured Wiring



netSELECT™ Patch Panels are excellent for designing rack systems for telephone, data and AV systems. Consolidation Blocks are ideal for small user count configurations that mount in or on the wall.

- Meets ANSI/TIA - Category 6 and Category 5e standards.
- cULus Listed.

## Universal Consolidation Blocks and Patch Panels

**Description** **Catalog Numbers**



NS5E12U

Category 5e 12-Port Universal Consolidation Block, 89D Bracket Mount

NS5E12U



NS612U

Category 6 12-Port Universal Consolidation Block, 89D Bracket Mount

NS612U



NS5E24U

Category 5e Universal Patch Panel  
24-port, 1.75 inch H, 1 Rack Unit  
48-port, 3.50 inch H, 2 Rack Units

NS5E24U

NS5E48U



NS5E48U

Category 6 Universal Patch Panel  
24-port, 1.75 inch H, 1 Rack Unit  
48-port, 3.50 inch H, 2 Rack Units

NS624U

NS648U



NS624U





NS648U

netSELECT™ Patch Cords allow for quick change of voice/data lines with insertion of modular plugs.

- Meets and exceeds ANSI/TIA - Category 6 and Category 5e standards.
- UL and cUL Listed.

## Universal Patch Cords, Category 6 and Category 5e

Description	Color	1-Foot	3-Foot	5-Foot	7-Foot	10-Foot	15-Foot	20-Foot	25-Foot
Cat. 5e Patch Cord 	Blue	SC5EB01	SC5EB03	SC5EB05	SC5EB07	SC5EB10	SC5EB15	SC5EB20	SC5EB25
	Gray	SC5EGY01	SC5EGY03	SC5EGY05	SC5EGY07	SC5EGY10	SC5EGY15	SC5EGY20	SC5EGY25
	Yellow	SC5EY01	SC5EY03	SC5EY05	SC5EY07	SC5EY10	SC5EY15	SC5EY20	SC5EY25
	Red	SC5ER01	SC5ER03	SC5ER05	SC5ER07	SC5ER10	SC5ER15	SC5ER20	SC5ER25
Cat. 6 Patch Cord 	Blue	SC6B01	SC6B03	SC6B05	SC6B07	SC6B10	SC6B15	SC6B20	SC6B25
	Gray	SC6GY01	SC6GY03	SC6GY05	SC6GY07	SC6GY10	SC6GY15	SC6GY20	SC6GY25
	Yellow	SC6Y01	SC6Y03	SC6Y05	SC6Y07	SC6Y10	SC6Y15	SC6Y20	SC6Y25
	Red	SC6R01	SC6R03	SC6R05	SC6R07	SC6R10	SC6R15	SC6R20	SC6R25