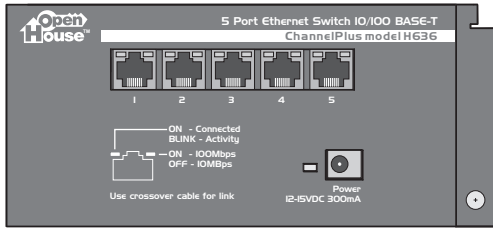


ChannelPlus Fast Ethernet Switch

The **H636 10/100Base-T ethernet switch** creates a home network for two to five computers. "Plug and play" installation is easy when using the H628 data hub. The H636 is fully IEEE802.3 compliant and has activity LEDs for network status and speed. The H636 requires no programming and starts working at power up with no user intervention.



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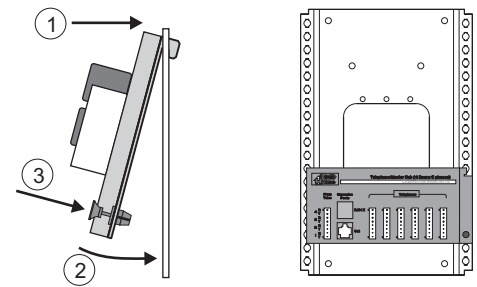
Ethernet switches are superior to ordinary Ethernet hubs in that they segment the data traffic. Computer A can talk to computer B while computers C and D also talk. Collisions are eliminated. Throughput is greatly enhanced.

The **H636** learns the addressing of your network with no programming.

The **H636** will automatically detect 10 base-T or 100 base-T adaptors on a port by port basis. The H636 will use the highest possible speed.

OpenHouse™ modules attach from the top

- 1) Hook from the top
- 2) Swing into place
- 3) Push button to lock

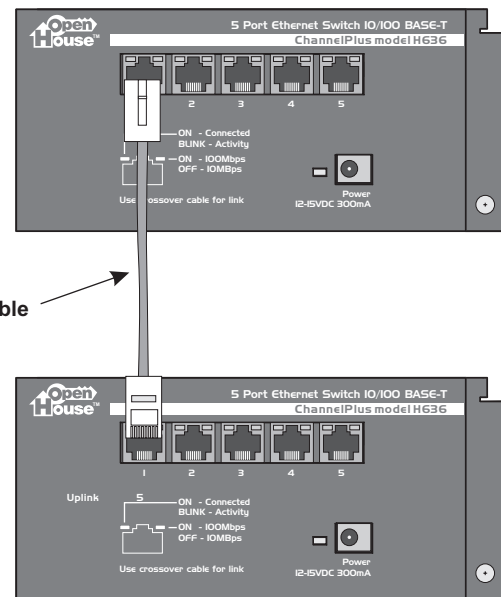


Expanding the Network

H636 Ethernet hub

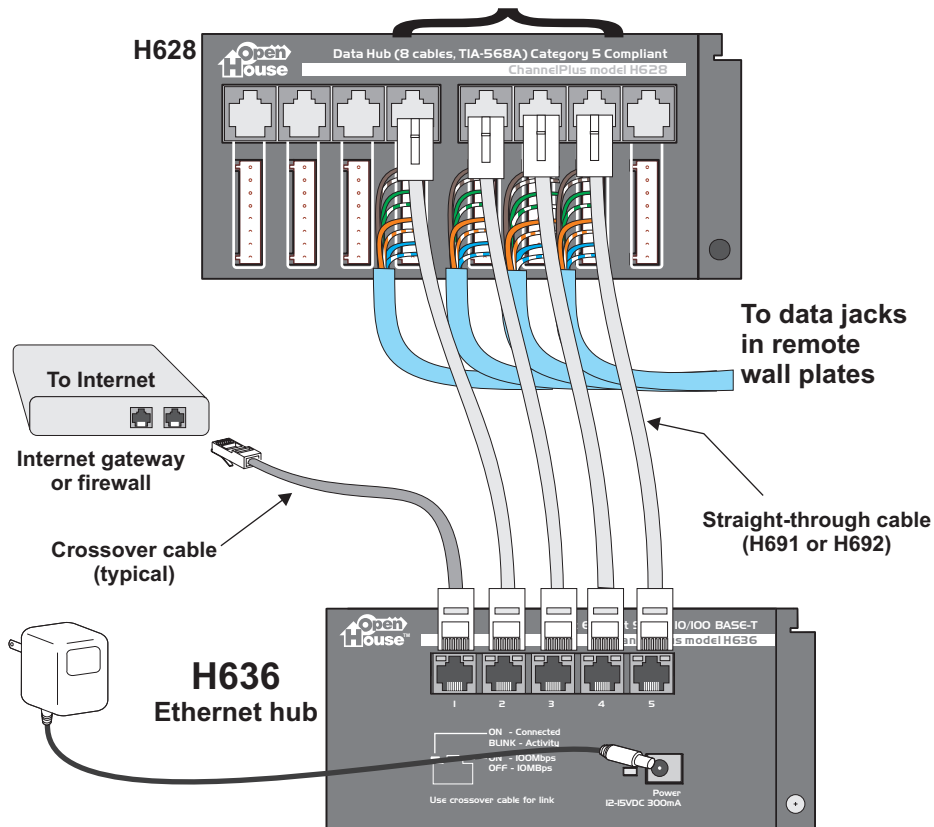
Crossover cable

H636 Ethernet hub



Typical Installation

Ethernet connections for 4 rooms



Wiring the H636 Hub

- Use only Category 5 unshielded twisted-pair cable.
- When connecting to an H628 or a network device directly, use straight through RJ-45 cables.
- Each run to a network device should be less than 100 meters (328 feet).

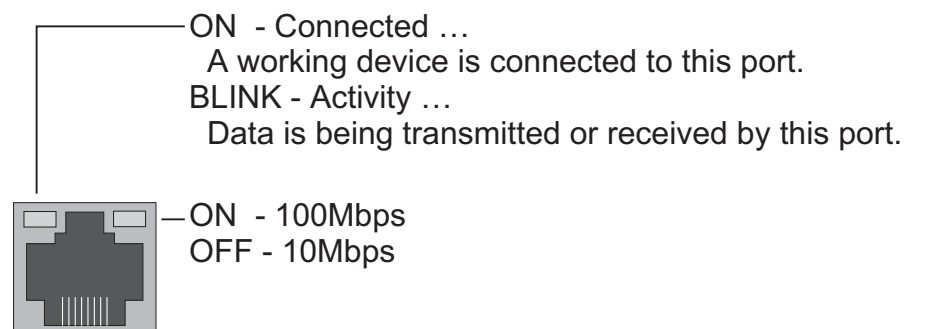
Using more than one hub

- Use only Category 5 unshielded twisted-pair cable.
- The cable length between two hubs cannot exceed 100 meters (328 feet).
- Additional hubs may be used as long as the path between any two network devices does not exceed four hubs and five cables.
- All hubs used must be powered.

Crossover cable

-A crossover cable exchanges the In and Out connections on one end. This will convert any standard port into a "link" port. Connecting two H636s or connecting an H636 to most firewalls will require using a crossover cable.

LED Indicators



Specifications: typical @ 25°C ± 5°C

H636

Compliance	IEEE 802.3	100Base-T
Network Interface	RJ-45 ports	5
	RJ-45 uplink	Use crossover cable
Max cable length	CAT-5 (UTP)	100 meters (328 feet)
LED Indicators	each unit	Power
	each port	Link/Activity, Speed
Environmental	operating temperature	0°C to 50°C
Power supply	model number	350-099
	output current	300mA maximum
	output voltage	15 VDC unregulated
	input power	105-125 VAC

DECLARATION OF CONFORMITY

THIS DEVICE COMPLIES WITH PART 15 OF THE FCC RULES. OPERATION IS SUBJECT TO THE FOLLOWING TWO CONDITIONS: (1) THIS DEVICE MAY NOT CAUSE HARMFUL INTERFERENCE, AND (2) THIS DEVICE MUST ACCEPT ANY INTERFERENCE RECEIVED, INCLUDING INTERFERENCE THAT MAY CAUSE UNDESIRABLE OPERATION.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used according to the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which is found by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna
- Increase the separation between the equipment and receiver.
- Connect the equipment to an outlet other than the receiver's outlet.
- Consult a dealer or an experienced radio/TV technician for assistance.

Good ...
 Typical room - phone, TV
 Media center - phone, satellite receiver, AV modulators
 Home office - phone, TV, cable modem
 Better ...
 Typical room - phone, TV, ethernet
 Media center - phone, TV, ethernet, satellite receiver, AV modulators
 Home office - phone, TV, ethernet, cable modem
 Best ...
 Typical room - phone, TV, ethernet, satellite receiver
 Media center - phone, TV, ethernet, satellite receiver, AV modulators, hi-speed data
 Home office - phone, TV, ethernet, satellite receiver, cable modem, hi-speed data

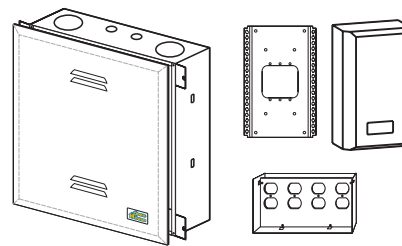
	Good	Better	Best
Typical Room	1 Cat-5 1 RG-6	2 Cat-5 1 RG-6	2 Cat-5 1 RG-6
Media Center	1 Cat-5 3 RG-6	2 Cat-5 3 RG-6	3 Cat-5 3 RG-6
Home Office	1 Cat-5 2 RG-6	2 Cat-5 2 RG-6	3 Cat-5 3 RG-6

Wiring a house for OpenHouse
 The cables in an OpenHouse run from the various rooms of the house directly to the service center location. (This is known as 'home run' wiring.) Two types of wire are used for communication and entertainment: Cat-5, 4-UTP (4 Unshielded Twisted Pairs) wire handles data or 1 to 4 telephone lines. RG-6 coax handles television (antenna or cable), satellite dish, cable modem, or AV modulator signals. (An AV modulator creates new TV channels for front door camera, DVD player, a VCR or a satellite receiver.) We recommend the following pre-wire schemes. Run these wires from the service center to the rooms indicated.



Compatible

OpenHouse Enclosures, Modules, Accessories & Wall Plates

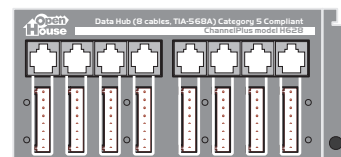
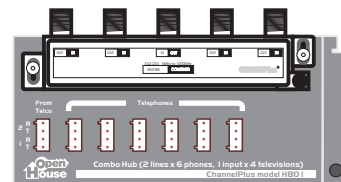


Service center enclosures

A full line of OpenHouse compatible enclosures, from simple, inexpensive mounting plates to high capacity in-wall cabinets. AC outlets can be mounted inside the cabinets using a UL listed accessory.

Starter systems

RF splitters and telephone punch downs. When it is time to upgrade, just snap this module out and replace with one of more of the more sophisticated units.

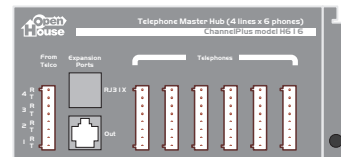


Data hubs

Termination blocks for the CAT-5 cables, Ethernet hubs. Bring the Internet to any room in the home. Or create a home data network.

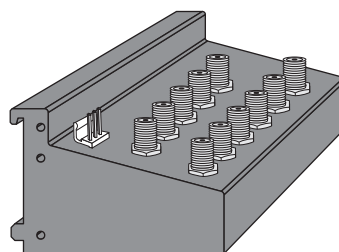
Telephone hubs

Connections for 1-4 phone lines to every room. Starter hub adds RJ-31X jack for security system dialer.



Wall plates

Wall plate systems for all rooms. The typical room gets TV and telephone. The Home office wall plate adds data ports. The media center wall plate adds satellite feeds.

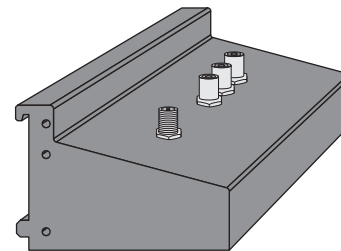


Coax panels

Distribute antenna or cable TV to every room of the house. Some models include bi-directional amplifiers for interactive cable systems. Some models include modulator inputs and IR engines.

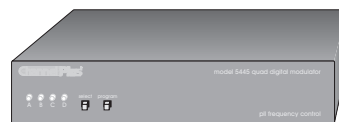
AV modulators (for service center)

Create a new TV channel for a front door camera. Some models feature Cat-5 input connections.



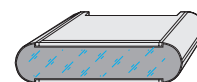
AV modulators (for media center)

Create new TV channels for DVD, VCR, or a satellite receiver. These modulators sit in the media center. Some offer true MTS stereo.



IR Accessories

Control video devices from any room.



Ethernet Switch, 10/100Base-T
 Model H636



3001 Enterprise Street, Brea, CA 92821-6213, U.S.A.
 714-996-4100 * 800-999-5225 * FAX 714-996-4900 * www.openhousesystems.com

Warranty

Multiplex Technology, Inc. warrants this product to be free from defects in materials and workmanship for a period of one year from the date of purchase or MTI will repair, or at its option, replace the defective product. To obtain warranty service, call MTI for a return material authorization (RMA) number and return the product prepaid to Multiplex Technology, Inc., 3001 Enterprise Street, Brea, CA 92821, Attention: Customer Service. Please put the RMA number on the outside of the carton.

Any implied warranty arising from the sale of the product including implied warranties of merchantability and fitness for purpose are limited to the warranty stated above. MTI shall not be responsible for losses or damages or expenses, whether direct, consequential or incidental arising from the use of or the inability to use this product. Some states do not allow limitations on how long the implied warranty lasts or the exclusion or limitation or incidental or consequential damages, so the above limitations and exclusions may not apply to you. This warranty gives you specific legal rights, and you may have other rights which may vary from state to state.

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