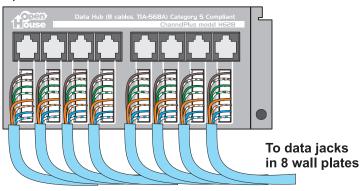
ChannelPlus Data Modules

The H628 terminates data lines with CAT-5 jacks (RJ-45). Use CAT-5 jumper cables to route services to wall plates in the appropriate rooms of the house.

Wiring H628/H629 CAT-5 data hub (H628 shown)

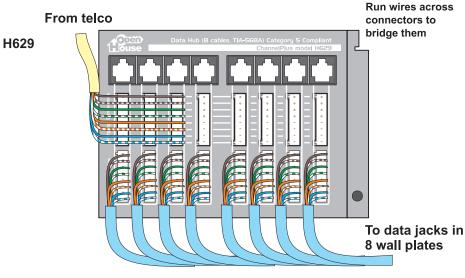


Sample system DSL sent to home office Ethernet connection from home office 4 more rooms have Ethernet connections H722 camera connects to channel injector H628 DSL from To data jacks phone company in 8 wall plates H635 **Ethernet hub** H511HHR Channel injector with CAT-5 input (top view) Channel injector puts a front door camera channel on every TV

<u>Using the H629 for telephone distribution</u>

(coax wire is not shown in this diagram)

In a structured wire system, telephone outlets are wired using CAT-5 cables with a single RJ-45 jack at each end of the wire. To bring telephone to the jacks, bridge the telephone lines at the hub.



Any or all CAT-5 circuits may be bridged for telephone.

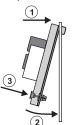
Data ports #1 - #3 are now wired for telephone. To change functions in the future is a simple matter of changing

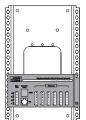
SAFETY INFORMATION:

- a) Never install telephone wiring during a lighting storm.
- b) Never install telephone jacks in wet locations.
- c) Never touch uninsulated telephone wires or terminals unless the telephone line has been disconnected at the network interface.
- d) Use caution when installing or modifying telephone lines.

OpenHousetm modules attach from the top

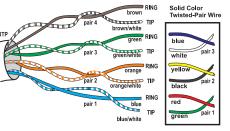
- 1) Hook from the top
- 2) Swing into place
- 3) Push button to lock

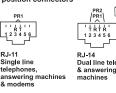




Wire Color Codes

Modular connectors 6 position connectors



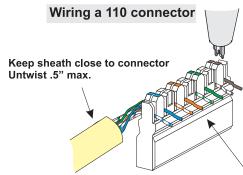






RJ-45 (wired to TIA T568A standard) Ethernet (both 10BaseT and 100BaseT)
Structured wiring of phones and data

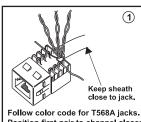
There are other wiring standards. For residential use, we recommend that RJ-45 jacks be wired to the T568A

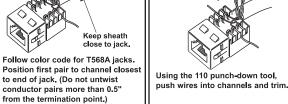


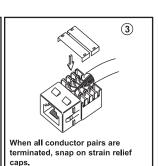
110 punch down tool The 110 is a sophisticated insulation displacement connection system. To push the wire between the contact blades, use only a 110 punch down tool. Using a screwdriver or needle nose pliers may not seat the wire properly and can damage the contacts.

Note order of colors

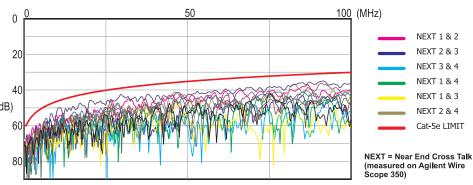
Wiring a Cat-5 jack

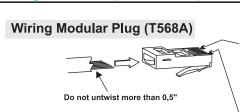






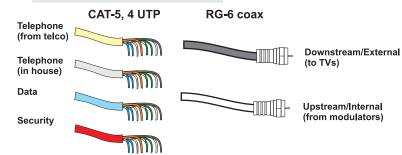
H628 CAT-5e performance





Insert wires in this order: White/Green White/Orange Blue Orange White/Brown

Colors of OpenHousetm wiring



G 281-009 Copyright © 2008 Linear LLC

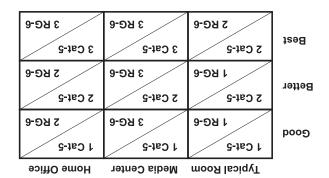
Home office - phone, TV, ethernet, satellite receiver, cable modem, hi-speed data Media center - phone, TV, ethernet, satellite receiver, AV modulators, hi-speed data Typical room - phone, TV, ethernet, satellite receiver

Home office - phone, TV, ethernet, cable modem

Media center - phone, TV, ethernet, satellite receiver, AV modulators Typical room - phone, TV, ethernet

Home office - phone, TV, cable modem Media center - phone, satellite receiver, AV modulators

Typical room - phone, TV .. bood



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

Wiring a house for OpenHouse

6Z9H/8Z9H I PPOW Data Module **SUIGIĐUREAD**





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LIMITED WARRANTY STATEMENT

Linear LLC warrants this product to be free from defects in material and workmanship for 2 years. The time period will be measured using the date code labeled on the product. Linear LLC is not responsible for damage to the product resulting from the buyer's improper handling, stocking or warehousing of the product. Any implied warranty arising from the sale of the product including implied warranties of merchantability and fitness for purpose are limited. Linear LLC shall not be responsible for any losses, damages or expenses, whether direct, consequential, or incidental arising from the use or the inability to use the product. Some states and countries do not allow limitations or how long an implied warranty lasts or the exclusion or limitation or incidental or consequential damages, so the above exclusions may not apply. The Linear LLC warranty gives specific legal rights in addition to other rights, which may exist and vary from state to state and country to

The warranty is limited to repair or replacement of products returned, freight prepaid, to Linear LLC, there is NO PROVISION FOR LABOR COST OR OTHER REIMBURSEMENTS OF ANY KIND.

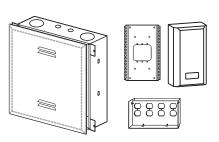
- 1. Failures due to product abuse, such as negligence, improper use, and electrical surge including damage from lightning, water damage or other damage due to natural disasters are not covered by the warranty. The most common form of product abuse is surge damage caused by lightning.
- 2. The warranty shall also be voided by any tampering with the date code, labels or other markings on the product.
- 3. Products that are damaged in transit to Linear LLC due to improper packaging or by the carrier (shipping company) will not be covered under the warranty. If the product was damaged or lost by the carrier, it is the sender's responsibility to create a claim against the carrier.
- The user is responsible for all labor costs associated with removing, reinstalling and returning the product to Linear

Linear LLC, at its option, will repair or replace the defective product. Replacements will be made from B-Stock, if an exact replacement is not available. Linear LLC, at its option, will select the nearest equivalent product. The user is responsible for freight charges to Linear LLC. Linear LLC will return warranted repaired or replacements by UPS Ground or an equivalent service. A customer may pay the additional costs for second-day or next-day service.

All products returned for warranty service require a Return Product Authorization Number (RPA#). Contact Linear Technical Services at 1-800-421-1587 for an RPA# and other important details.



ChannelPlus Enclosures, Modules, **Accessories & Wall Plates**

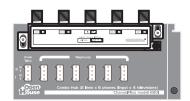


Service center enclosures

A full line of OpenHouse compatible enclosures, from simple, inexpensive mounting plates to high capacity inwall 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 more sophisticated units.

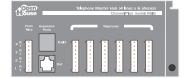


Data hubs

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

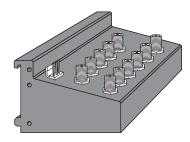
Connections for 1-4 phone lines to every room. Starter hub adds RJ-31X jack for security system dialer.





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.

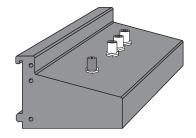


Coax panels

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.



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





AV modulators (for media center)

VCR, or a satellite receiver. These modulators sit in the media center. Some offer true MTS stereo.



Control video devices from any room.



New ChannelPlus products are added all the time. Visit our website to learn more: www.openhousesystem.com