



# CAT5 Whole-House Intercom System

## Affordable and Easy to Install!

The CAT5 Whole-House Intercom System enables homeowners to communicate directly between rooms, the front door or the entire house through the Intercom Stations located in each room. The system offers extensive expandability for up to 24 Intercom Stations, including two (2) door stations, making it adaptable to virtually any size home.



System Features	System Benefits
Category 5 Cabling	Affordable and easy to install, only CAT5 cable is needed to connect the Intercom Hub to both keypads and door stations.
6-Direct Call Buttons per Intercom Station	Direct call buttons enable room-to-room calling and include customizable room labels.
Room-to-Room Communications	Speak discretely & directly with individual rooms on the system.
Global Paging	Allows whole-house broadcast announcements through Intercom Stations located throughout the home.
Includes Master Remote Control	Unique option provides complete system control via remote control. Can be used to directly program basic learning remotes for each room or HEX and CCF files can be downloaded from the Channel Vision web site for more advanced programmable remotes.
Built-In IR Repeating Backbone	Creates a base platform for connecting & controlling other household IR-based systems including multi-room audio/video systems from each room that is equipped with an Intercom Station.
Expandable to 24 Zones	System is adaptable to virtually any size home.
Screw-On Station Expanders with Edge Connector	Additional direct call buttons are easily added to an existing Intercom Station by simply screwing the extender onto the station without requiring additional wall holes.
Room Monitoring	Discretely monitor a single room at a time. Ideal for monitoring children or the elderly.
(2) Do Not Disturb Modes	Select between Ring Only mode or for complete privacy select Do Not Disturb mode.
Talk & Page from Every Station	No need to be at a main console in a central location of the home to talk or page other stations in the home.

## CAT5 Whole-House Intercom System

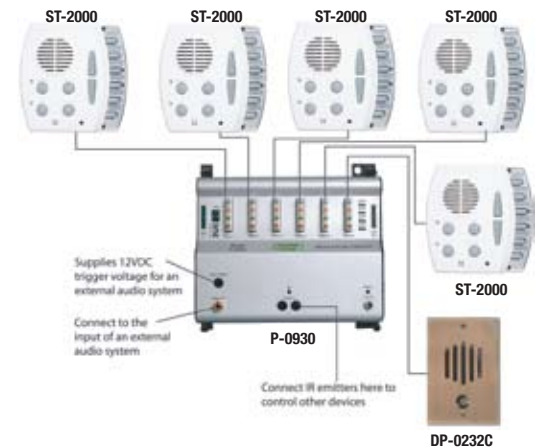
The CAT5 Intercom provides direct room-to-room communication and a variety of features not offered by other systems - including a remote control for hands-free calls making whole-house communication from anywhere in the room a snap!

### CAT5 Intercom Kit (ST-0934)

Includes:

- (1) P-0930
- (4) ST-2000
- (1) A0503

Features: Direct room-to-room communications for 4 locations





# CAT5 Whole-House Intercom System

## Talk Easy...Hands-Free...Remote Controllable

System Features	System Benefits
Page Out Audio Integration	Integrated Page Out feature enables easy connection to Channel Vision's CAT5 Audio Distribution module (P-1014). Interrupts main audio source so pages can be heard through audio system's speakers. Ideal for reaching areas of the home where there is not an Intercom Station installed.
Hands-Free Reply/Push-to-Talk	Answer Intercom calls without having to press a button or use Push-to-Talk to communicate in the presence of background noise.
Double-Gang Keypad Style	One double-gang hole is all that is needed for all Stations, even with zone expansions.
Integrated Speaker	Does not require a separate speaker module.
(2) Door Stations with Chime Option	System offers built-in support for up to two (2) Front Door Intercom Stations with integrated chime options.
Integrates with Channel Vision's DP & IU Series Front Door Intercoms	Each room equipped with an Intercom Station is ready to communicate and grant access to visitors. (With the addition of a door strike module)
8 Different Door Intercom Finishes & 2 Sizes	System integrates with the largest selection of 100% Brass Front Door Intercoms on the market.
Intercom Hub features Pro Series Chassis Design	Simple installation in structure wire enclosures or in a rack with the Channel Vision Hinged Rack (P-1300).
System Features	Typically @ 25° C
Operating Voltage	15VDC
Cable Requirements	4 Pair UTP (CAT3 or better)
Recommended Max. Cable Length	500 ft – Door Station 350 ft – Wall Station
IR Frequency Range Supported (ST-2000)	30 kHz – 60 kHz
IR Pick Up Range (ST-2000)	40 ft @ 35 kHz, 25 ft. @ 56 kHz
Operating Temperature	-10° C to +50° C

### DP-Series Door Station for CAT5 Intercom (DP-XXXX)

- 1/4" Thick solid brass plate
- 8-Finishes to choose from
- Compatible with P-0930
- Comes with surface mount box
- For surface mount applications use DP-RBox-II



**DP-Series Door Station**

### IU-Series Door Station for CAT5 Intercom (IU-XXXX)

- 1/4" Thick solid brass plate
- 8-Finishes to choose from
- Compatible with P-0930
- Flush mounts in a single-gang box



**IU-Series Door Station**

### Intercom Station (ST-2000)

- Broadcast & room-to-room communication
- Integrates with DP & IU Front Door Intercoms
- Easily expandable up to 24 rooms
- 2 Built-in doorbell chimes
- DND, Monitor, All Page, Direct Room Calling, Volume Level Control, Door Strike Release
- Customizable room icons



**ST-2000**

### Intercom Hub (P-0930)

- Page output for external audio systems
- 2 IR emitter outputs
- Link in/out connectors for easy expansion
- Mounts in a structured wire enclosure



**P-0930**

### Intercom Station Expander (ST-2100)

- Attaches to ST-2000 when expanding the system
- Provides direct call buttons for 6 additional rooms
- Up to 3 ST-2100 Expanders can be used with 1 ST-2000 (for a total of 24 Stations)



**ST-2100**

### Remote Control (A0503)

- Master Remote Control for Whole-House Intercom
- Controls all functions
- No programming necessary
- Use to teach learning remotes
- Compatible with the P-0930 & ST-2000



**A0503**

### Intercom Door Strike Module (ST-C5IDS)

- For use with the CAT5 Intercom System
- Compact size allows for versatile installation
- Single-gang box w/stainless cover for easy installation and access
- Door strike and gang box not included
- Punchdown and screw terminal wire connection



**ST-C5IDS**

rev. 5/11



Channel Vision Central  
Structured Wiring



Channel Vision 2000  
IR & Audio Equipment



ARIA™  
Multi Room Audio



Channel Vision Technology  
Modulators, Cameras, Intercoms

**CHANNEL VISION™**

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