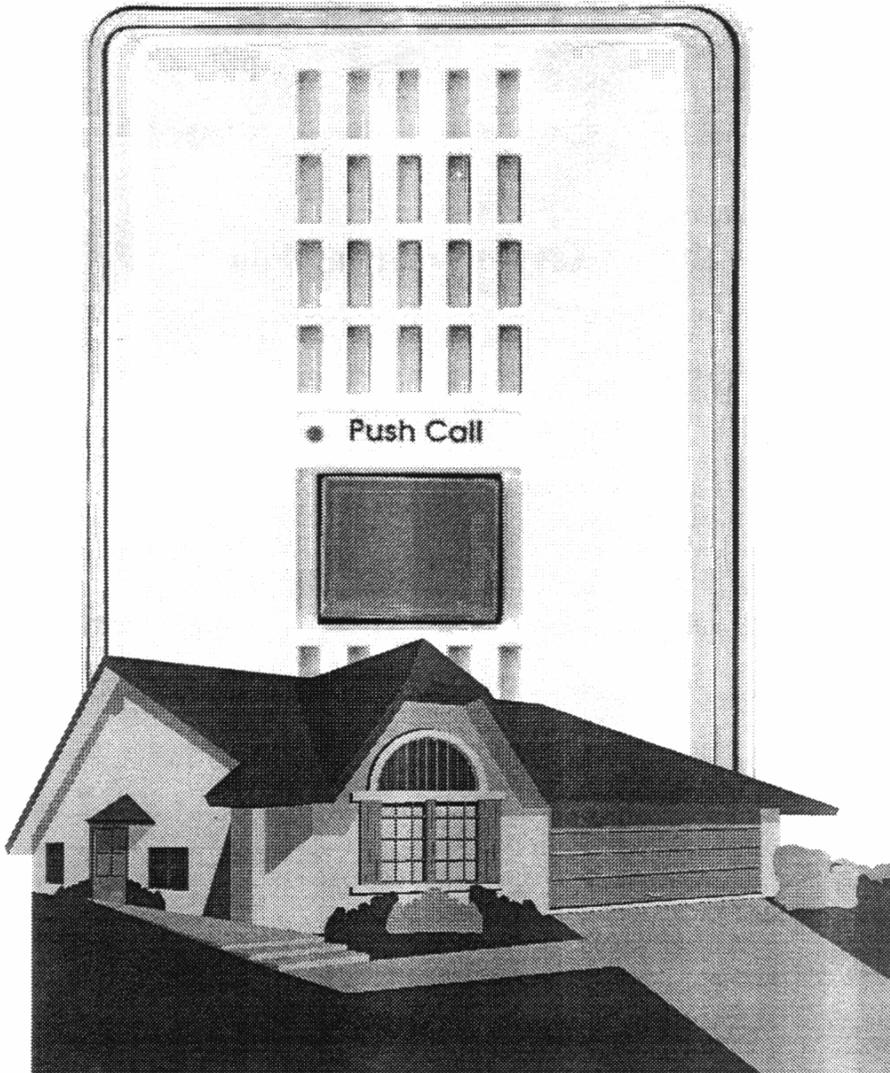


Enterphone SoloTM

User/Installation Manual

Part No. 421-2001



viscount

We Control Doors

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How to Use the Enterphone Solo™

The **Enterphone Solo™** is designed to bypass the need for a doorbell in new construction or can replace a doorbell for retrofit applications simply and easily using the existing doorbell wire. The **Enterphone Solo's™** unique design uses only two doorbell grade wires for installation, making any installation particularly convenient. The system can work on a regular telephone with an incoming line, as well as an unused line input of the telephone (for example, a two-line telephone or home telephone or home telephone system (KSU or PABX)).

The **Enterphone Solo™** control unit requires connection to only one incoming telephone line and one **Enterphone Solo™** door station; however, a second door station may be added for the back door, garage, or patio.

As the **Enterphone Solo™** door station button is pressed, the telephone will sound with a distinctive ring, alerting that a visitor is at the door. The door may be answered by simply picking up the nearest telephone.

Operation Instructions

To answer the door when a visitor presses the button of the **Enterphone Solo™** door station and the telephone is ringing:

Pick up the telephone. No codes or special instructions are required to activate the unit.

To answer the door when a visitor presses the button of the **Enterphone Solo™** door station and the telephone has stopped ringing:

Pick up the telephone. If you get dial tone, then flash the hook switch once for door 1 or twice for door 2.

To switch activation between door one and door two:

Flash the hook switch within 2 seconds

To answer the door while talking to an outside call (alert will be a call waiting signal):

Flash the hook switch

To go back to the call on hold after answering the door:

Flash the hook switch

If you have the door release activator attached to the unit you simply press the * button to open the door or gate.

If there is no outside telephone line connection, when you pick up the handset you always connect to the door directly without pressing any key. This can be used while you are using a two-line telephone set with one outside telephone line service. Connect the second line to the **Enterphone Solo™** controller.

If there is an outside telephone line connection, then when you pick up the handset, you will access the outside telephone service directly. You also have a chance to access the door within 2 seconds after picking up the handset by flashing the hook switch.

Frequently Asked Questions

Q. My Enterphone Solo™ Rings Three Times and Then Stops. Why is That?

A. The **Enterphone Solo™** is designed this way to accommodate answering machines. If you would like visitors to be able to leave a message you set your machine to two rings. If you do not want visitors to be able to leave messages you set the machine to four rings since the **Enterphone Solo™** only rings three times.

Q. My Enterphone Solo™ Rings Three Times and I Can't Get to the Door that Fast. What do I do?

A. The **Enterphone Solo™** is designed to allow a resident to answer the door for an additional 20 seconds after the phone stops ringing.

Q. What Happens if a Visitor Knocks at the Door Instead of Pressing the Intercom Button?

A. A resident can pick up the phone and by hook switching the phone can answer any door station without the button having been pressed.

Q. When I'm on the Internet and Someone Comes to the Door the Enterphone Solo™ sometimes affects my connection. What Can I Do?

A. If this is perceived as a problem you can simply unplug the **Enterphone Solo™** until you are finished.

Q. Where Should I Mount the Controller?

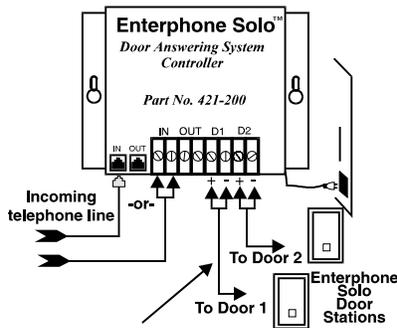
A. The controller comes with a direct AC plug so you should locate it close to an outlet. The best place is in the electrical/phone area of your utility room. For retrofit units with no such area, a closet, storage area or the location of the original door chime transformer will do.

Enterphone Solo™ Installation Guide

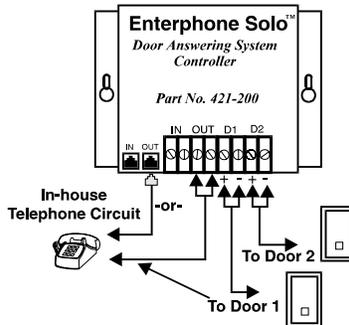
New House Installation

For door one pull one twisted pair of telephone wire from the door to where the telephone wires enter the house. Repeat for optional second **Enterphone Solo™** door station from back door, patio, or garage.

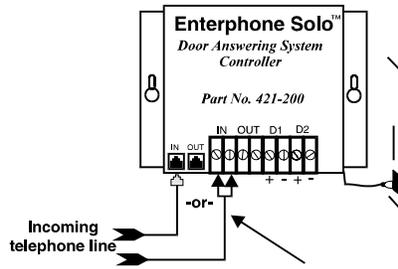
Locate an area for the controller within 6 feet of a 120V AC power outlet.



Connect **Enterphone Solo™** door station one to D1. Connect **Enterphone Solo™** door station two to D2.



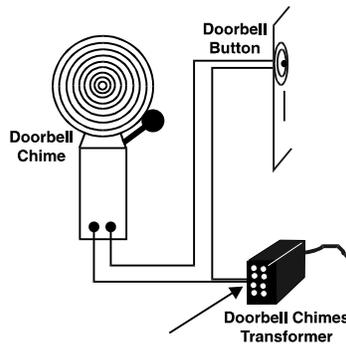
Connect Line Out to the in-house telephone circuit using modular plug or screw terminal.



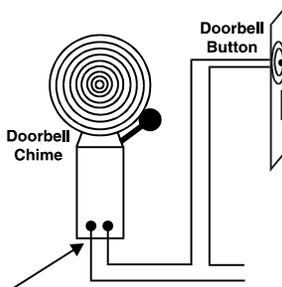
Connect incoming telephone line to Line In on controller using modular plug or screw terminal. Plug in power.

Existing House Installation

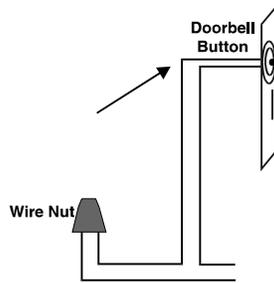
You may use your existing doorbell wiring!



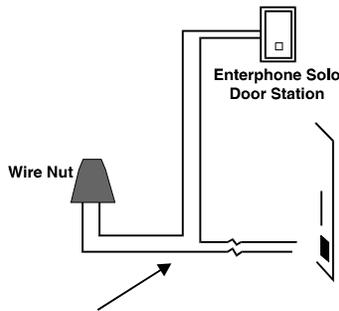
Locate the doorbell chimes transformer. (It is normally located in the basement.) Disconnect the wires from the transformer.



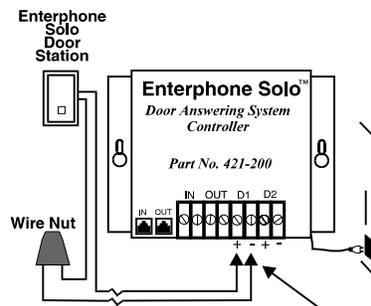
Disconnect the wires of the existing chimes and tie them to each other using the wire nut.



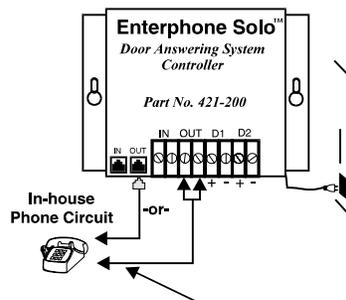
Remove the existing doorbell button. Replace with **Enterphone Solo™** door station using the same wires.



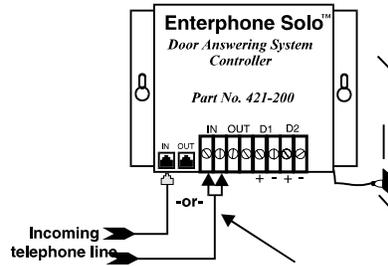
Extend the wires taken off the transformer to an area close to the telephone line entry and where there is a power outlet within 6 feet. Mount the **Enterphone Solo™** controller securely to a wall.



Connect the wires from the door station to D1.



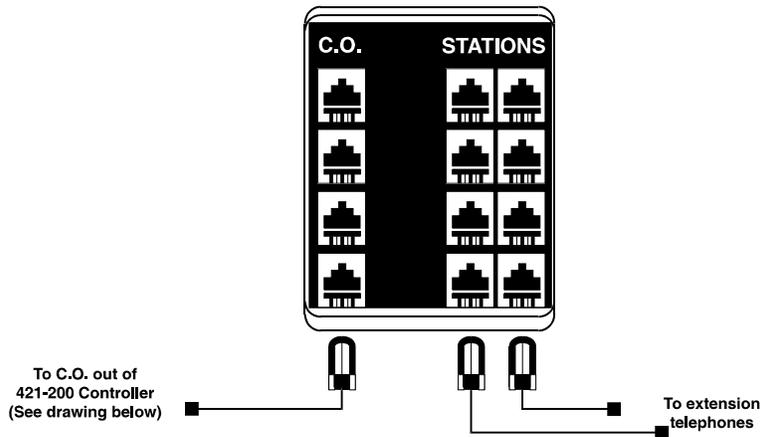
Connect Line Out to the in-house telephone circuit using modular plug or screw terminal.



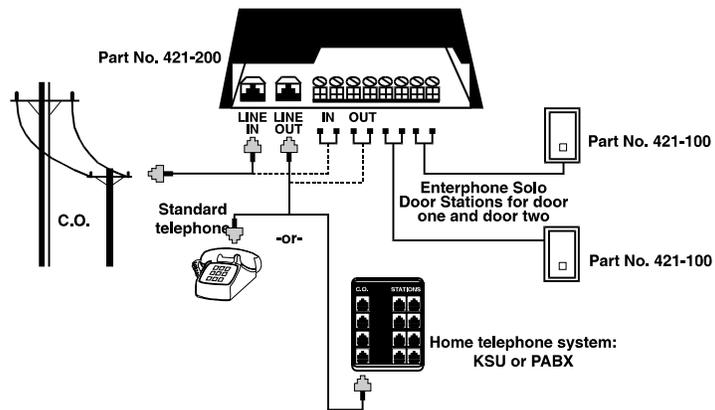
Connect incoming telephone line to Line In on controller using modular plug or screw terminal. Plug in power.

Wiring in between Enterphone Solo™ Controller and Door Station:										
Wire Gauge	0.50mm	0.65mm	0.80mm	1.00mm	24AWG	22AWG	20AWG	18AWG	Cat3	Cat5
Distance	90M	150M	230M	360M	300'	450'	700'	1,100'	2,000'	4,000'

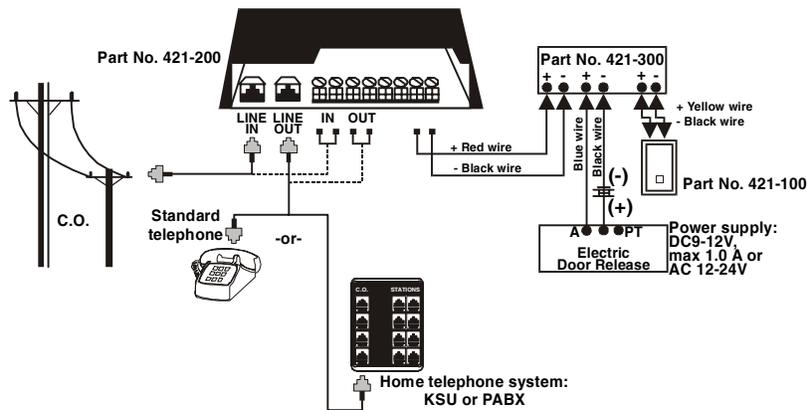
Wiring Diagram - Home Phone System: KSU or PABX



Part No. 421-200 - Controller Wiring



Part No. 421-300 - Door Release Controller Wiring



Instructions on how to setup the EnterPhone SOLO Door Release Controller:

1. Connect the red(+) and black(-) wires from the Lock Controller (Part # 421-300) or Door Station to D1 and/or D2 Positive and Negative terminals.
2. Connect the yellow(+) and black(-) wires from the Lock Controller to the Solo Door Station (Part # 421-100) Positive and Negative terminals.
3. Connect the blue(+) and black(-) wires from the Lock Controller to Electric Door Release. Power for door release should be between DC 9V-12V max 1.0A or AC 12V-24V (Depending on lock device). Door control provides dry contact only.
4. Connect either the RJ11 jack or the T and R pins from the telephone company to the Enterphone Solo's "From Tel. Company" connection.
5. Connect either the RJ11 jack or the T and R pins from the handset to the Enterphone Solo's "To Phones" connection.
6. Connect power to AC 110V.
7. To activate the door release function press the * key on your telephone.