

Full Duplex!

World's Best Door Box!

Distinctive Ringing!

2 Wires!

No Voice Switching!

Answer the DOOR on a Cordless:

- Under the car... • In the attic...
- In the swimming pool...
- At the neighbor's house...

Don't miss that UPS delivery!

SHARES A REGULAR PHONE LINE IN A HOME!

Provides Distinctive Call-Waiting Tone if you're on the phone!

Just Hookflash to answer the door, and Hookflash again to go back to the caller!

\$129.95

With 1 Door Box!
3 @ \$119.95

2 Year Warranty!

Works Great as a 2 Station Handsfree Intercom!

Limited Time Offer: Mention this catalog and get your first one for **Only \$109.95!**

- 2 Door Boxes Connect to the Controller! (2nd box only \$39.95)
- Each Door Box has Distinctive Ringing!
- Maximum 32 Door Boxes on 1 Line! ¹ (* Note 1)
- Ring phones 3 times when you push the "CALL" button - just pick up the nearest phone to answer the call... even after it stops ringing!
- Set your answering machine on 2 rings to take messages from your Door Box, or 4 rings to only take messages from your phone line.
- Full Duplex Operation to Both Boxes - No Cutting In & Out!
- Guts are in the small control box... NOT at the door!
- Only 1 Pair Needed to the Door! Even works on old doorbell wire!
- Call OUT to the Door Box at any time... Flash to go between doors!
- Will drive 5 standard ringers (5 REN), or a line on a phone system.
- Will work *thousands of feet* out to Door Box at your gate!
- No code to remember to open the door! Press * and the optional controller buzzes your door strike for 3 seconds - and as long as you hold the * down! ² (Door Strike Controller only \$39.95)
- Mount behind grill in eve above door, and use the old door bell button! ³
- **Finally Here!** Relay to operate real doorbell or start a camera!

Great for Gates!



Standard Off White Colored Door Box

Gray Button

Both Boxes SAME exact size and mounting!



Very Light Gray Colored Door Box

Turquoise Button

Optional CHIP to Control Rings and Pick-Up Time... ONLY \$5.99 each!

NEW!

CHIP	DOOR 1		DOOR 2	
	RINGS	ADDITIONAL TIME TO PICK-UP	RINGS	ADD'L TIME TO PICK-UP
Factory	3 rings	25 secs	3 rings	44 secs
PBX	3 rings	NO CPC	3 rings	
M8H	8 rings	12 secs	8 rings	20 secs
M3H-1	1 ring	20 secs	1 ring	35 secs



Brass: #CLN2S
Brushed Aluminum: #CLN2T
Flush Mount Door Boxes: **\$89.95**

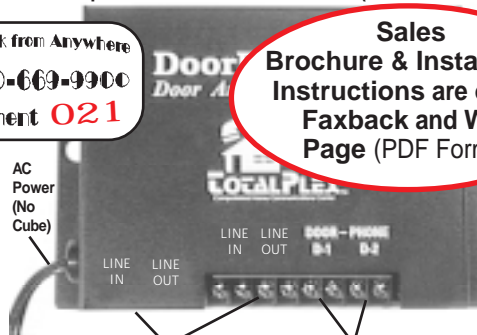
- Door Controller #CLN50: \$90.00
- Off White Door Box #CLN5Q: \$39.95
- Light Gray Door Box #CLN5N: \$39.95
- Door Strike Controller #CLN5R: \$39.95
- Door Bell Relay-1 Second Dry Closure #CLN2L: \$39.95
- Handset Door Box w/4' Armored Cord #ML56A: \$139.95
- Double Gang Masonry Box #CLN2K: \$2.99
- Replacement Flush Mount Button (Brass or Silver): \$3.95

FaxBack from Anywhere
1-800-669-9900
Document **O21**

Sales Brochure & Installation Instructions are on our Faxback and Web Page (PDF Format)



Red LED on Door Box Glows in the Dark!



Mod Jack or Screw Terminals for Phone(s) or CO Line IN & OUT
Screw Terminals for 2 Door Boxes

NOTES:

Your Customers Will Love the Convenience of this System.. And the Price!

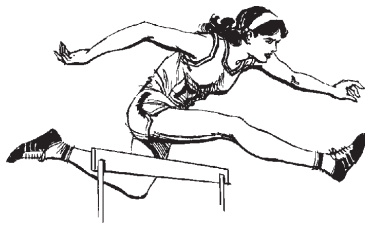
1. There are 2 Door Box inputs, but you can put up to 4 Doorboxes on each input. You can also series 4 Door Box Controllers together (each with up to 4 Door Boxes on each input), for a total of 8 Zones and 32 Door Boxes. 6 zones would be one way, but you can also call out to 2 of them!
2. You can put a Door Strike Controller on each Door Box input (2 Strikes total). 3. Shorting pair to Door Box is the same as pushing button on the Box!
4. You can put the Strike Controller at a gate location with the Door Box (less voltage drop to the gate operator). It simply wires IN SERIES with Door Box.



• Mike Sandman... Chicago's Telecom Expert •
• 390 E. Irving Park Rd. • Roselle, IL 60172 • 630-980-7710 •



NEVER RUN TO THE DOOR AGAIN...



With your DoorBell Fon!™

Relax and answer the door from your *nearest phone...*



While you're having coffee in the kitchen, or even in bed!

Door bells are dinosaurs. Move into the 21st century with our Door Box!



Push the star key to buzz the door! (optional)

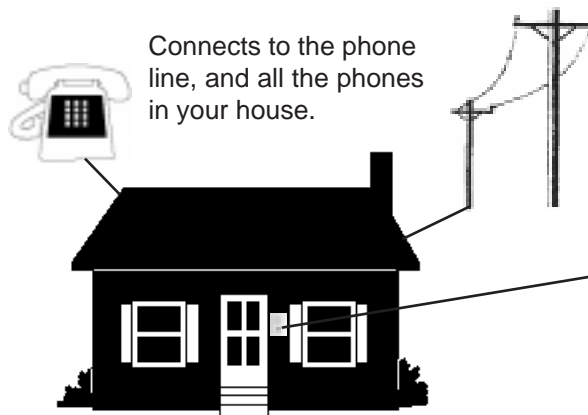
Answer the phone:

- Under the car...
- In the swimming pool...
- In the attic...
- At the neighbor's house... using your cordless phone!

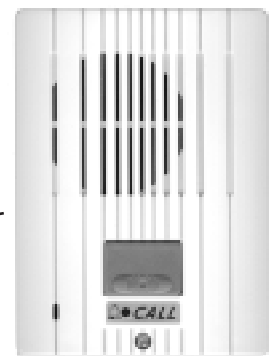
Don't miss that delivery you've been waiting for!

Comes with call waiting! If you're already on the phone, you'll hear a call waiting tone when someone comes to the door. Just hookflash to answer the door and put your call on hold. Hookflash again to go back to your call.

Hear noises outside? Call *out* to the door *any time* by hookflashing, to listen to what's going on outside.



Distinctive ring for front & back door.



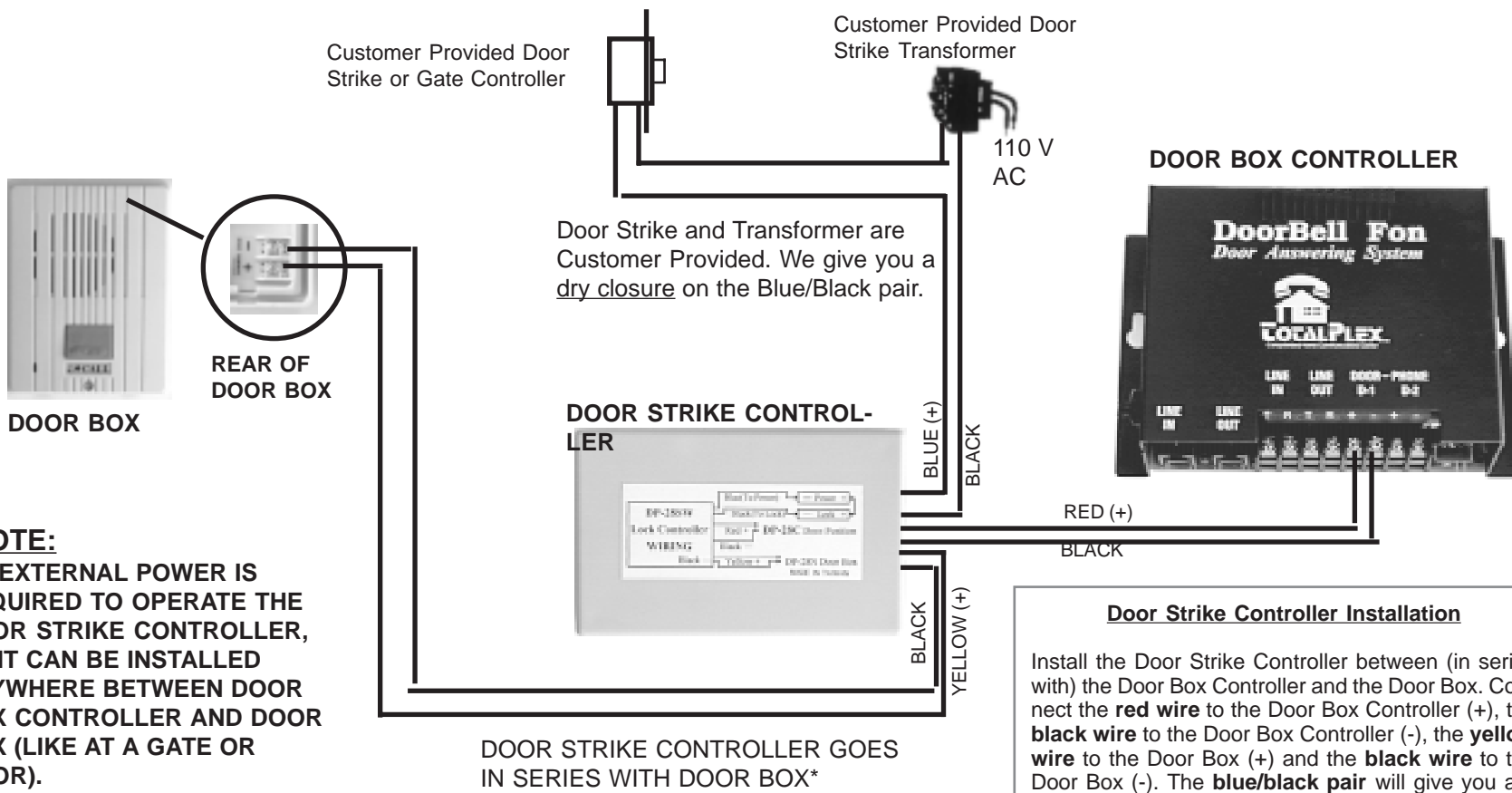
Two styles of door boxes available.

Available from:

DoorBell Fon!™

Door Answering System

DOOR BOX & DOOR STRIKE CONTROLLER CONNECTIONS



***NOTE:**
 NO EXTERNAL POWER IS REQUIRED TO OPERATE THE DOOR STRIKE CONTROLLER, SO IT CAN BE INSTALLED ANYWHERE BETWEEN DOOR BOX CONTROLLER AND DOOR BOX (LIKE AT A GATE OR DOOR).

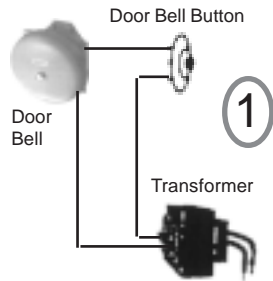
Door Strike Controller Installation

Install the Door Strike Controller between (in series with) the Door Box Controller and the Door Box. Connect the **red wire** to the Door Box Controller (+), the **black wire** to the Door Box Controller (-), the **yellow wire** to the Door Box (+) and the **black wire** to the Door Box (-). The **blue/black pair** will give you a 3 second (or however long you press the * button plus 3 seconds) dry closure when the * button is pressed on the phone.

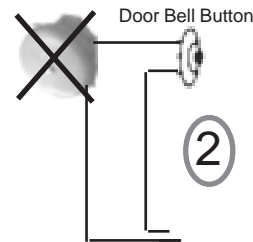


DoorBell Fon Installation Guide

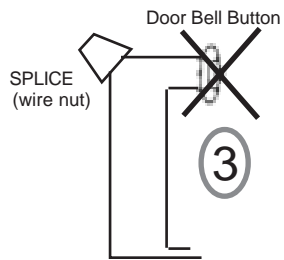
To Use the Door Bell wires in an Existing House Installation



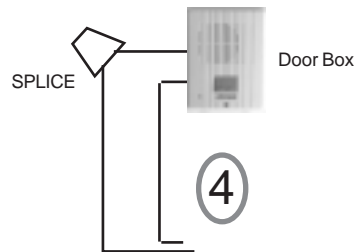
Locate the door bell's transformer. Disconnect the low voltage wires from the transformer.



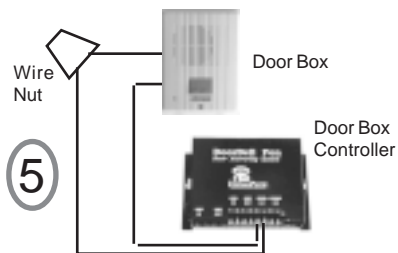
Go to the existing door bell and disconnect the wires. Splice the 2 wires together.



Remove the existing Door Bell Button. Replace it with the Door Box using the same 2 wires. Note which wire you connect to (+) and (-).



Go back to the transformer. Splice a pair of wires to the wires taken off of the transformer, and run it to where you are mounting the Door Box Controller. Note that you need an AC outlet and access to the phone line where you install the Controller.



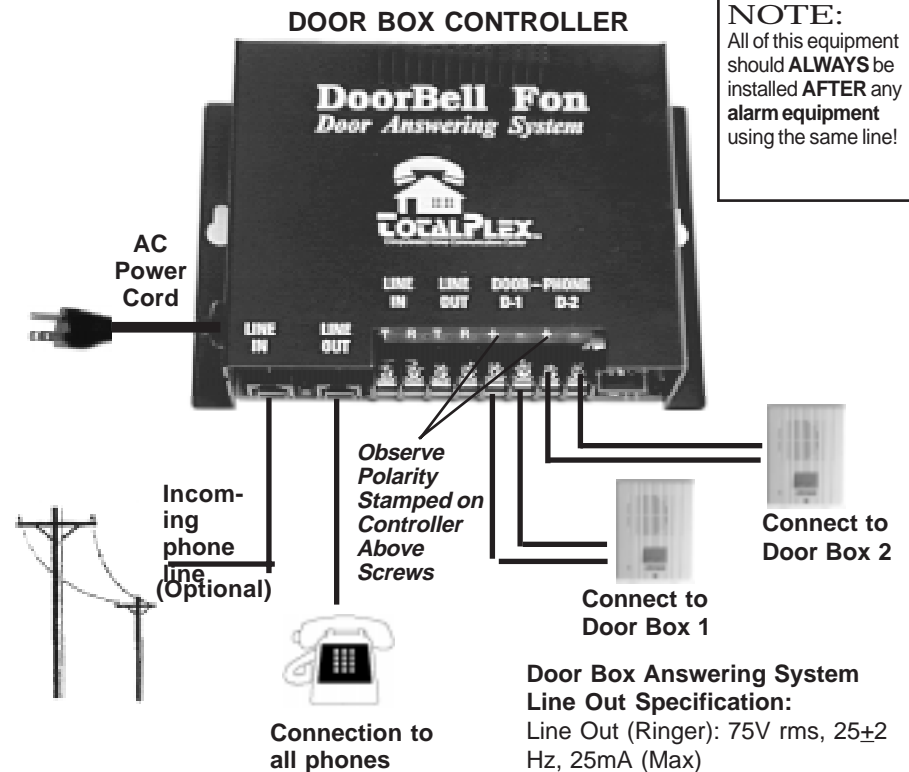
Connect the wires from the Door Box to D-1 or D-2. Connect the incoming phone line to LINE-IN. Connect LINE-OUT to the phones. Plug the power cord into the outlet. You will hear a "click" sound while the controller is activated.

How can the end user determine how many phones they can connect to the Door Box Controller?

Check the REN (located on a sticker on the bottom of the phone) of all the phones, and add them up. The total number can not exceed the value 5 (FCC Regulation). Most phones have a REN of 0.4 to 1.

MIKE SANDMAN ENTERPRISES
 • Unique Telecom Products •
 630-980-7710

New House Installation



NOTE:
 All of this equipment should **ALWAYS** be installed **AFTER** any alarm equipment using the same line!

NOTES:

1. Your customer may prefer the sound of the ring on Door 2 (D-2). There is no problem using either door connection.
2. You can put 4 Door Boxes on each input. You can also series 4 Door Box Controllers together for a total of 8 Zones and 32 Door Boxes
3. If the polarity is wrong to the Door Box, the unit will ring, but there will be no voice and the Door Box LED will not glow at all.
4. Shorting the pair going to the door will cause the unit to ring, and will not damage anything. This means you can mount the unit overhead, or somewhere where you can't press the Box's button - using the existing door bell button to short the pair.
5. If you are installing LINE-OUT to a telephone system, you will lose the Distinctive Ring between Door 1 & 2, since you will then hear the phone system's ring when the button is pushed. You could purchase a Tone Generator which would allow you to send the ring from the door over the customer's existing paging system.
6. Optional chips are available which will let the unit ring more, or fewer times.
7. The polarity between LINE-IN and LINE-OUT is reversed. If you notice something strange about the operation of the unit, try reversing the pair (T & R) at LINE-OUT.

OPERATION

- To answer either door, simply pick up a phone. If you are sharing the unit with a phone line (LINE-IN), you can talk to the door anytime by simply “hook flashing”. Hookflash a second time to connect to the 2nd Door, and a third time to go back to the phone line. If you are not sharing a line, simply pick up the phone to talk to Door 1, and hookflash to talk to Door 2.
- If you are talking on the phone line and someone pushes the button, you will hear a distinctive call waiting tone (different for Door 1 & 2). Simply “hookflash” to put your outside caller on hold and talk to the door. Hookflash again to return to the outside line.
- This unit will ring 3 times when the Call Button is pushed. You can simply pick up the phone to answer the door anytime during the ringing. If you are sharing a phone line (LINE-IN), you have up to what *would be* 7 rings to answer the line and talk directly to the door without hook flashing. If you answer it past that time and are sharing a line, you will have to hookflash to get to the door instead of the phone line. SEE NOTE 6.
- If you want an answering machine to answer the door on a shared line, set it to answer after 2 rings. If you do not want the answering machine to answer the door, set it for 4 rings.
- If you have a Door Strike and Door Strike Controller, you can activate the Strike for 3 seconds by pressing the * key on your telephone keypad while you are talking to the door. If you have more than one door strike, * will only activate it on the door you are speaking to. With some telephones, you can make the Strike operate for as long as you hold the * key down on your phone, plus 3 seconds (some phones only make a short tone no matter how long you hold a dial button down). **It's important to wait 3 seconds after pressing the * key to activate the Door Strike before you hang up the phone!** If you hang up before the Strike stops buzzing (3 seconds), the Door Box will re-ring your telephones.

DoorBell Fon DP-28CI Chime Interface Instructions

The **DP-28CI DoorBell Fon Chime Interface** will give you an **800ms** (8/10ths of a second) **dry closure** when the button is pushed on a Door Box.

This is useful for activating a real (old style) door bell, strobe lights or other indicators, selecting a camera on a switcher to show the particular door that someone is at, or other types of automation.

The **DP-28CI** can be bridged to the Door Box leads anywhere... At the Door Box or at the Controller. Be sure to observe the proper polarity.

If you have two Door Boxes, you will need a separate **DP-28CI Chime Interface** for each Door Box that needs an associated bell, light or camera.

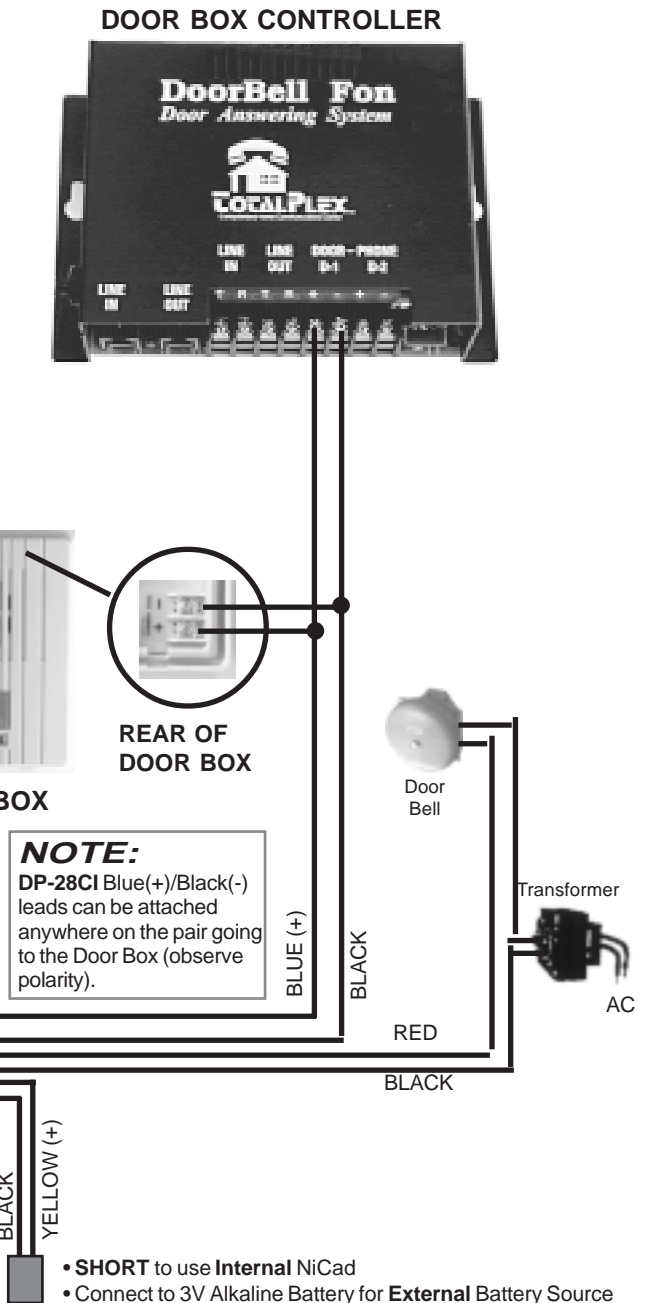
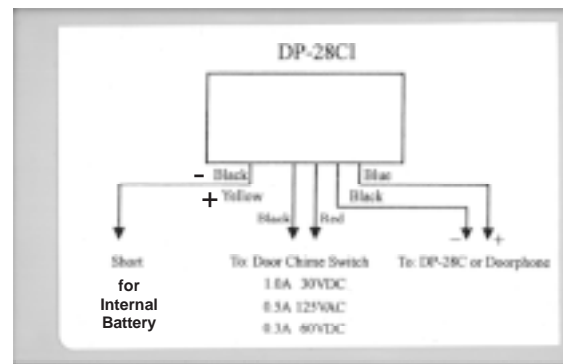
The **DP-28CI** does **NOT** provide power to operate an external device. You will switch an external power source though the dry closure on the **DP-28CI**, which will go to a bell or light. in the case of a camera switcher, you will simply short the proper set of contacts with the dry closure from the **DP-28CI**.

The relay in the **DP-28CI** will handle the following current:

- 1.0 Amp at 30VDC**
- 0.5 Amp at 125VAC**
- 0.3 Amp at 60VDC**

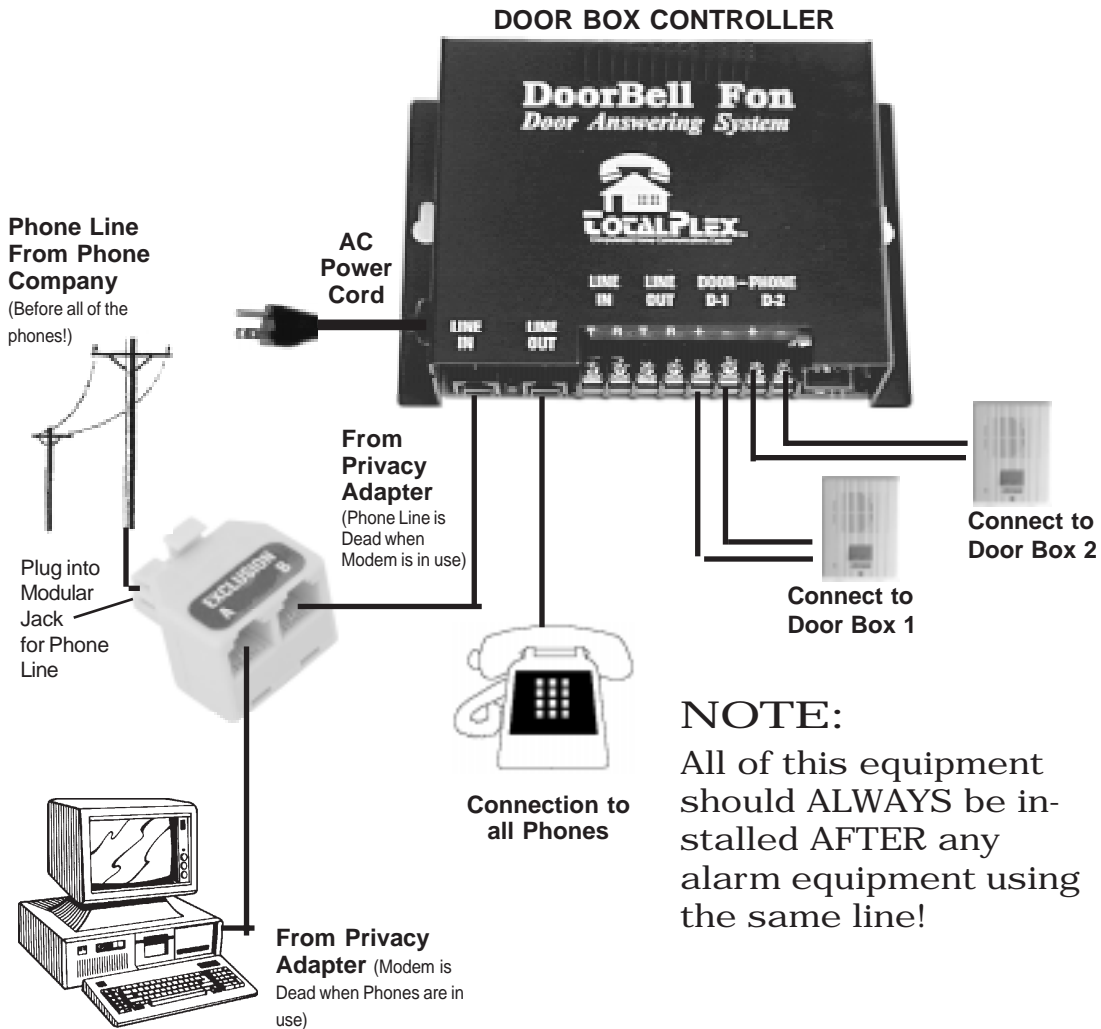
Be Sure to Observe Polarity on All Connections!

The **DP-28CI** uses an internal NiCad battery, which is charged whenever the Door Box is in use (a voice conversation is taking place). When fully charged, this battery should operate the **DP-28CI** for about a year. If the Door Box isn't used very often, provisions are made to connect an external **3V** battery source to the **Yellow (+)** and **Black (-)** leads. Two AA alkaline batteries in a little battery pack will provide the **3V** source for well over a year. Since it's unlikely you'll need this, simply leave the **Black/Yellow** leads shorted for normal operation.



Use the DoorBell Fon with a Modem on the Same Line

Placing the Privacy Adapter as shown will allow you to use the phone line for your modem, and still have the telephones ring when someone comes to the door...



NOTE:
All of this equipment should ALWAYS be installed AFTER any alarm equipment using the same line!

NOTES:

With this setup, the phones in the house will ring when someone comes to the door, even when the modem is using the phone line.

If you pick up a phone when it's not ringing, you will be immediately connected to Door 1 if the modem is in use. It will not interfere with your modem connection.

The Privacy Adapter **MUST** be installed **BEFORE all** of the phones in the house for this to work! This location is normally in the basement of a house. You may need to hire a phone man to install the jacks and wiring for you.

Whichever device gets the line first will be able to use the line until done. The other device (phone or modem) will have dead air until the first device hangs up (except for use of the **DoorBell Fon**).