TELSTAR CALL CONTROL SYSTEM INSTALLATION DIRECTIONS

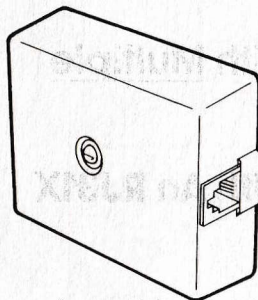## BEFORE Installation, Check Your Telstar Equipment:

- **TELSTAR™ CONSOLE, WITH EIGHT-FOOT AC CORD**

- **TWO-FOOT MODULAR TELEPHONE LINE CORD**

- **EIGHT-FOOT MODULAR TELEPHONE LINE CORD**

Check Your Home Telephone System:

- **TOUCH-TONE® SERVICE**

- **AT LEAST ONE MODULAR TELEPHONE**

- **A MODULAR TELEPHONE OUTLET**

If you're teaming your Telstar console with only one telephone, you'll need:

A Standard Modular Jack USOC (RJ11C)

If your Telstar Call Control System will include several touch telephone extensions, you'll need:

A Series Jack USOC RJ31X

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✱ The Telstar system works only in households with Touch-Tone® service. You can only access the Telstar system's features on a touch telephone — a telephone that uses dual-tone, multi-frequency dialing. Not all push-button phones are touch telephones. Some use the same pulse dialing as rotary phones. If in doubt as to whether one of your phones is pulse or tone, check the set's owner's manual or contact the place it was purchased. To check a phone, connect it to the Telstar console. Be sure the console is connected to AC power. Dial "✳" and you should hear "beep beep" over the receiver — if the phone is a touch telephone. If you're not sure if your household has Touch-Tone service, check with your local telephone company.

✱ To get the fullest use of your Telstar Call Control System, you'll tie <u>all</u> your household's extension phones into the Telstar console. To do this, you'll need a special modular connector that will allow you to plug your console into your telephone line <u>before</u> it branches off to your extensions.

✱ After you install your Telstar console, you'll want to spend some time entering your personal information and recording names and numbers in its name directory. Is the installation location you've selected comfortable, convenient, and readily accessible?

✱ The console runs on AC power. Don't use an outlet controlled by a wall switch.

✱ The Telstar console is an AC-powered device and is vented to allow heat to escape. Don't cover it with newspapers, lay other objects on it, or reduce the flow of air to it.

✱ The Telstar console needn't be connected to your telephone line for you to program features and record names and phone numbers. Simply plug the console's AC cord into an electrical outlet.
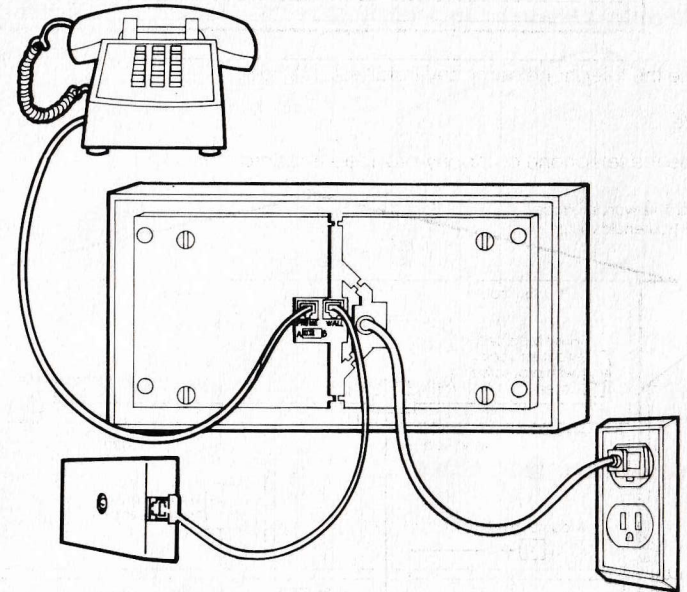
✱ You can use your Telstar console with only one phone. The phone must have touch dialing and must be modular — that is, plugged into a modular telephone jack (called an RJ11C). Before permanently installing your Telstar Call Control System, you may want to try out your Telstar console with just one phone.

Check the location you've selected for your console:

■ **WILL THE CONSOLE BE EASY TO REACH?**

■ **WILL THE CONSOLE BE WITHIN REACH OF AN UNSWITCHED ELECTRICAL OUTLET?**

To Install The Telstar Console With A Single Extension:

1 Unplug the line cord connecting your touch telephone to its modular jack.

2 Turn the Telstar console over. Plug the line cord into the jack labelled "WALL" on the bottom of the console.

3 Now, take the two-foot line cord (marked D4BU) that came with your console and plug it into the back of your telephone.

4 Plug the other end of the cord into the jack labelled "PHONE" on the bottom of the console.
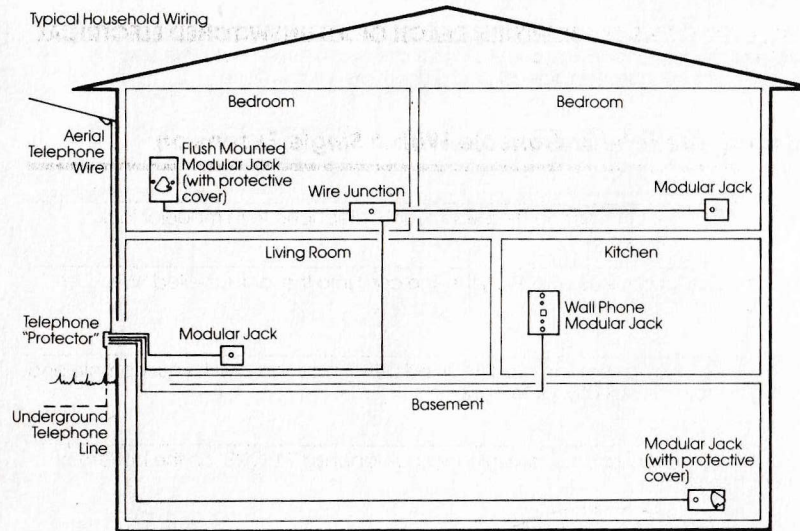

5 Make sure the telephone line cords and the AC cord are neatly tucked into the cord channels.

6 Turn the console over. Plug its AC cord into the electrical outlet.

To Install The Telstar Console With Multiple Extensions:

1 Find out where the telephone line enters your home.

Typical Household Wiring

Bedroom

Bedroom

Aerial
Telephone
Wire

Flush Mounted
Modular Jack
(with protective
cover)   Wire Junction

Modular Jack

Living Room

Kitchen

Wall Phone
Modular Jack

Telephone
"Protector"

Modular Jack

Basement

Underground
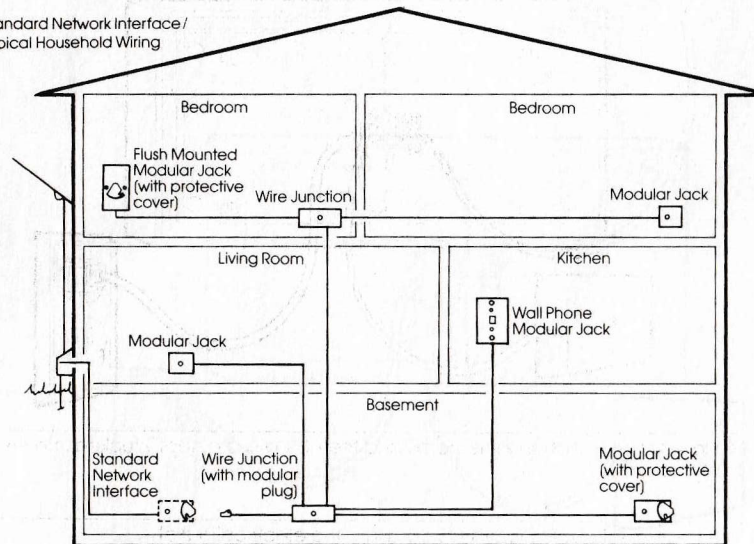Telephone
Line

Modular Jack
(with protective
cover)

2 Use the telephone company-installed RJ31X jack.

OR

Use the telephone company-provided standard network interface.

Standard Network Interface /
Typical Household Wiring

Bedroom

Bedroom

Flush Mounted
Modular Jack
(with protective
cover)   Wire Junction

Modular Jack

Living Room

Kitchen

Wall Phone
Modular Jack

Modular Jack

Basement

Standard
Network
Interface

Wire Junction
(with modular
plug)

Modular Jack
(with protective
cover)

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* The Telstar console must be connected so that it is electrically ahead of all household telephone wiring.

* The illustration represents a fairly typical household's telephone wiring. The "protector" (located on the outside wall in this illustration, although you may find yours inside) keeps sudden surges in power from entering your telephone wiring.

* Keep in mind that you'll want your Telstar console in a safe and convenient location — and within eight feet of an un-switched electrical outlet. You'll use the eight-foot D8AA line cord to plug your console into your modular connector. You can get a longer line cord (it must be coded D8AA) from your American Bell PhoneCenter.

* We suggest you call the local phone company if you have any doubt about your household telephone wiring. The phone company will also advise you about RJ31X and stan-dard network interface availability and relative costs.

* The installation of your Telstar system should be performed in accordance

with FCC regulations and any local ordinances covering the installation of electrical wiring. If you are unsure about performing the installation yourself, please get professional assistance.

✱ If you have any questions about modular connectors or installing your Telstar console, call the American Bell Customer Service Center, toll free, 1-800-555-8111.
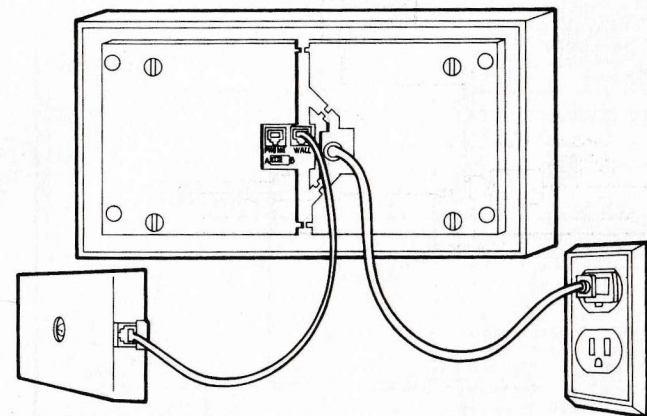
✱ You can request the phone company to install an RJ31X jack at any convenient location within your home. The Telstar console can be plugged directly into such a jack. You can choose any physical location for the series jack. Make sure that you tell the telephone company installer that the RJ31X must be in series with all of your telephones.

✱ Directions for installing your Telstar console with an RJ31X series jack begin on this page. Directions for a standard network interface installation begin on page 6.

✱ Turn to page 7 for directions on testing your phones' access to your Telstar Call Control System and clearing the Telstar console's memory.
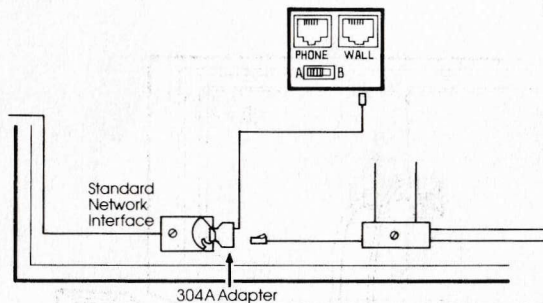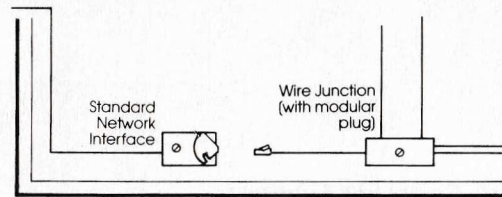
To Install The Telstar Console With A RJ31X Series Jack:

1 Turn your Telstar console over and plug one end of the eight-foot line cord that came with your console into the jack labelled "WALL"

2 Make sure the telephone line and AC cords are neatly tucked into the cord channels. Turn the console face up and place it on a flat surface.

3 Plug the AC cord into an electrical outlet.

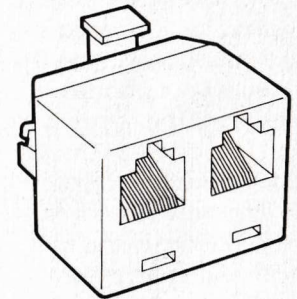**4** Plug the telephone line cord into the RJ31X series jack.

To Install The Telstar Console With A Standard Network Interface:

1 Disconnect the modular plug connected to the standard network interface. Replace it with a 304A adapter.

2 Turn the Telstar console over. Plug the line cord into the jack labelled "WALL" on the bottom of the console.

3 Turn your Telstar console over and plug the eight-foot line cord that came with your console into the jack marked "WALL."

4 Make sure the telephone line cord and AC cord are neatly tucked into the cord channels. Turn the console face up and place it on a flat surface.

5 Plug the AC cord into an electrical outlet.

6 Plug the eight-foot line cord into the 304A adapter's LARGER jack.

Standard
Network
Interface

Wire Junction
(with modular
plug)

PHONE WALL
A ▭ B

Standard
Network
Interface

304A Adapter

✱ Your local phone company may have already installed a standard network interface in your home — especially if it was recently wired. In this case, all you need to connect your console is a 304A adapter.

You can get one at your American Bell PhoneCenter.

✱ If you wish to locate your Telstar console in some other room, you can run a new wire from the standard network interface to the installation location you've chosen. Your American Bell PhoneCenter has a complete line of Do-It-Yourself Wiring and Accessories which can be used to extend your wiring and install a new jack.

✱ See next page for directions on testing your phones' access to your Telstar Call Control System and clearing the Telstar console's memory.

✱ Repeat this test with each phone in your Telstar Call Control System. Remember, the Telstar system works only with touch telephones that use dual-tone, multi-frequency dialing. Not all push-button phones are touch phones.

✱ The "beep-beep" signals that the Telstar system is waiting for you to dial in a feature access code. If you press your phone's "✱" button, and the Telstar dial tone doesn't go away, go back to your Telstar console and move the switch on the bottom of the console. If you again press the "✱" button, and the Telstar dial tone still doesn't go away, your series jack or network interface may be incorrectly installed.

✱ The brief tone or "beep," signals that the console's memory is cleared.

✱ If you don't hear the beep on your first try, press the D-I-A-G keys in sequence a second time. If you still don't hear a beep, your console may be defective.

✱ Remember, whenever you press these four keys in sequence, you'll erase all the information you've recorded in the console.
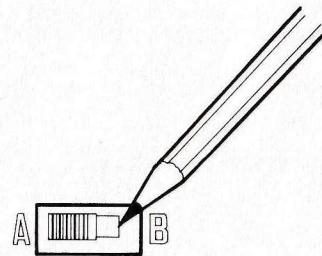
To Check Your Phones' Access To The Telstar System:

1 Pick up your touch telephone handset.

You'll hear the Telstar dial tone.

2 Press

✱

Check time.
Beep-Beep

To Clear The Telstar Console's Memory:

1 Open the console lid and press

D		I		A		G
4		9		1		7

(After three seconds, the console will:)
Beep.