



American Bell
Consumer Products

telstarTM
CALL CONTROL SYSTEM

OWNERS MANUAL



TCI Library: www.telephonecollectors.info

Installation Directions

To get the fullest service from your Telstar Call Control System, you'll want all your extension telephones linked to your new Telstar console.

The Telstar console has been designed for easy, plug-in installation. However, household telephone wiring can vary considerably — and your home's wiring may have to be modified for your Telstar Call Control System.

Your Installation Directions will guide you in assessing your current telephone system and help you plan the best Telstar Call Control System installation for your household. Please read them carefully before you begin installation.

Operating Instructions

Your Telstar Call Control System brings an exciting range of telephoning services into your home.

Don't be put off by the length of your Operating Instructions. We needed a lot of pages to cover every one of your new Telstar features.

Actually, we're sure you'll find the Telstar system very easy to use...because the Telstar system gives you clear, verbal feedback as you push your console keys and touch telephone buttons.

Your Operating Instructions are designed as a reference. Use them to get started. You'll find you'll quickly be able to put them aside as the Telstar system itself takes over as your guide.

Thereafter, you can refer to your Operating Instructions to refresh your memory on a particular feature. There's an index (beginning on page 40) to help you find the feature information you need quickly.

There are three points of access to your Telstar Call Control System: Your Telstar console, your home's touch telephones, and touch telephones away from home. So your Operating Instructions have been divided into three sections:

PROGRAMMING THE
TELSTAR CONSOLE
USING YOUR TELSTAR CALL
CONTROL SYSTEM AT
HOME
USING YOUR TELSTAR CALL
CONTROL SYSTEM WHEN
YOU PHONE HOME

Service Information

Your Telstar Call Control System has been designed to exacting Genuine American Bell standards to give you years of trouble-free service.

Your Service Information includes a few simple maintenance rules that will help ensure your Telstar Call Control System's peak performance through the years.

You'll also find important information about repairs and your Telstar limited warranty in your Service Information. Before you install your Telstar console, take the time to read the Federal Communication Commission's regulations covering your Telstar Call Control System.

Equipment Manufactured by
Western Electric Company, U.S.A.

TELSTAR CALL CONTROL SYSTEM OPERATING INSTRUCTIONS

Programming Telstar Console
begins on page 2.

**Using your Telstar Call Control System
at Home**
begins on page 16.

**Using your Telstar Call Control System
when you phone home**
begins on page 28.

Equipment Manufactured by
Western Electric Company, U.S.A.

Programming The Telstar Console

Contents

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Number — 14

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Number — 15

Use this general sequence as a guide to programming or recording information at the Telstar console.

*You'll find as you press the console keys, the Telstar system's verbal feedback will guide you to your next programming step.

*As you become familiar with the recording routines, you can quicken your pace. You don't have to wait for the Telstar system to finish speaking to press your next key.

The recording sequences covered on the next pages are your reference to each of the Telstar programming features. Telstar verbal feedback is printed in red. The information marked with a "" includes tips on how to get the most from your Telstar Call Control System.

To Record Information:

1 Press

RECORD
START
STOP

to start.

2

S
FIRE

T
POLICE

U
MEDICAL

V
HOME

W
ID
CODE

X
TIME

Y
DATE

Z
NAME
DIR

Press a feature access key

3

A
1

B
2

C
3

D
4

G
7

H
8

I
9

J
0

K

L

M

N
PAUSE

O
AM

P
PM

Q
NEXT

R
REPEAT

S
FIRE

T
POLICE

U
MEDICAL

V
HOME

W
ID
CODE

X
TIME

Y
DATE

Z
NAME
DIR

Press letter or number keys to record names and phone numbers

4 Press

*

at the end of each entry.

5 Press

RECORD
START
STOP

to stop.

To Check Information:

1

S
FIRE

T
POLICE

U
MEDICAL

V
HOME

W
ID
CODE

X
TIME

Y
DATE

Z
NAME
DIR

Press a feature access key

To Clear The Telstar Console's Memory:

- 1 Open the console lid and press

D 4	I 9	A 1	G 7
--------	--------	--------	--------

(After three seconds, the console will)
Beep.

To Set The Telstar Clock-Calendar:

For this example, the time and date to be set are 2:45 PM, February 14.

- 1 Press

RECORD
START
STOP

Record start, press choice.

- 2

X
TIME

Enter time, then press AM or PM, then press pound.

- 3

B 2	D 4	E 5	P PM	#
--------	--------	--------	---------	---

Press choice.

- 4

Y
DATE

Enter month number, then press pound.

- 5

B 2	#
--------	---

Enter date, then press pound.

- 6

A 1	D 4	#
--------	--------	---

Press choice.

* The brief tone, or "beep," signals that the console's memory is cleared. Whenever you press these four keys in sequence, you'll erase all the information recorded in the console.

* If you don't hear the beep, press the D-I-A-G keys in sequence again. If it still doesn't beep, your console may be defective.

* As you follow the programming sequences on the next pages, you'll find that you'll get immediate, verbal feedback each time you press a letter-digit, or feature access key.

* Your Telstar clock-calendar will continue to keep the correct time and date. The Telstar system uses the clock-calendar to log in your phone messages.

* Note that, when you record the time, you must enter both the hour and the minutes.

* If power to the console was interrupted and the clock stopped running, the Telstar system will let you know its time is inaccurate: When you pick up your telephone handset and access the system by pressing your phone's "*" button, you'll hear:

Check time.

* You may have noticed at this point that pressing pound at the end of an entry is like putting the period at the end of a sentence. The information you're recording isn't logged in — and the Telstar console won't proceed to the next step in programming — until you press



* Follow the same steps to record numbers for



and



The Telstar system can dial these numbers — and any numbers in your name directory — for you. All phone numbers should be recorded as you would dial them yourself.

7

RECORD
START
STOP

Record stop.

To Check The Time And Date:

1

X
TIME

The time is 2:45 PM, February 14.

To Check The Date:

1

Y
DATE

February 14.

To Record Emergency Phone Numbers:

In this example, the information to be recorded is police emergency number, 555-7232.

1 Press

RECORD
START
STOP

Record start, press choice.

2

T
POLICE

Enter phone number, then press pound.

3

E	E	E	G	B	C	B
5	5	5	7	2	3	2

#

Press choice.

4

RECORD
START
STOP

Record stop.

To Check Your Police Emergency Number:

1

T
POLICE

Police number 5-5-5-7-2-3-2.

To Erase An Emergency Phone Number:

1

RECORD
START
STOP

Record start, press choice.

2

T
POLICE

Enter phone number, then press pound.

3

ERASE

Erased police number. Press choice.

4

RECORD
START
STOP

Record stop.

* Use the directory sheet (page 38) to keep a written record of the emergency numbers you've recorded in the console.

* For this example, recording was stopped after the police emergency number was entered. Actually, when the Telstar system says

Press choice.

you can press any other feature access key and continue recording information.

* You needn't erase a number to change it. Simply record the new number. It automatically replaces the number previously recorded.

* If you check the emergency number after erasing it, the Telstar system will tell you:

Police number is not recorded.

* You can record up to 50 names and phone numbers in your Telstar name directory. Each name can be up to eight letters long. Each phone number can be up to 32 digits long.

* It's a good idea to come up with a system for recording names before you begin. Will you record first names and last initials, or family names? Keep in mind all the people who'll be using the name directory. If you enter a phone number for "Mom," will your children know that's "Grandma's" number?

* Use the directory sheet (page 38) to keep a written record of your name directory.

* If you make a mistake while recording, press the "Erase" key and re-enter.

* You'll use your touch telephone to dial from your name directory. Each name you record must have a unique Touch-Tone dialing sequence. For instance, "Jim" and "Kim" are different people, but to your touch telephone, they're both:

JKL 5	GHI 4	MNO 6
----------	----------	----------

To Record Names And Numbers In Your Name Directory:

In this example, the name and number to be recorded are Joe Ames (or Ames, J.), 555-7232.

1 Press

RECORD
START
STOP

Record start, press choice.

2

Z
NAME
DIR

Spell name, then press pound.

3

A	M	E	S	J	#
1		5	FIRE	0	

Enter phone number, then press pound.

4

E	E	E	G	B	C	B
5	5	5	7	2	3	2

#

Spell next name, then press pound.

5

RECORD
START
STOP

Record stop.

To Record Phone Numbers With A Pause In Your Name Directory:

In this example, the information to be recorded is the number for Ames, J., which must be dialed 9 (pause) 555-7232.

1 Press

RECORD
START
STOP

Record start, press choice.

2

Z
NAME
DIR

Spell name, then press pound.

3

A 1	M 5	E 5	S FIRE	J 0	F
--------	--------	--------	-----------	--------	---

Enter phone number, then press pound.

4

I 9	N PAUSE	E 5	E 5	E 5	G 7	B 2	C 3	B 2
--------	------------	--------	--------	--------	--------	--------	--------	--------

#

Spell next name, then press pound.

5

RECORD
START
STOP

Record stop.

If you tried to record "Kim" after "Jim," Telstar would tell you

K-I-M. Same Touch-Tone dialing as J-I-M. Spell name, then press pound.

You can solve the problem by recording Kim's last initial.

* If you look at your touch telephone's buttons, you'll notice there are no buttons marked "Q" or "Z." You can still record "Fritz Q." in your name directory. When you dial his name on your touch telephone, remember to press

PRS
7 for "Q"

WXY
9 and for "Z"

* The Telstar system can dial any number recorded in your directory for you. All phone numbers should be recorded as you would dial them yourself. So, if you have to dial a prefix or access code first, wait for a line or connection, then dial a phone number, you should insert a pause when you record the number in your directory. When the Telstar system dials the number for you, it will pause in dialing for three seconds wherever you've inserted a pause.

* You can record phone numbers of up to 32 digits. Each pause you insert counts as one digit.

* If you use the Telstar system with a PBX or key system, insert a single pause between the number you dial to get an outside line and any outside phone numbers.

* If you subscribe to a long distance telephone or interexchange company, insert at least two pauses between the company's code and your account number.

* The hyphens used to break up numbers when they're written out (for instance, the hyphen in 555-7232) are there to make the numbers easier to read and remember. If you don't pause between digits when you dial directly, you don't have to record a pause when you enter numbers in the Telstar name directory.

To Change A Number In Your Name Directory:

In this example, Joe Ames's phone number is changed to 555-3434.

1

RECORD
START
STOP

Record start, press choice.

2

Z
NAME
DIR

Spell name, then press pound.

3

A
1

M

E
5

S
FIRE

J
0

#

A-M-E-S-J is already recorded. Enter a new number, then press pound.

4

E
5

E
5

E
5

C
3

D
4

C
3

D
4

#

Spell next name, then press pound.

5

RECORD
START
STOP

Record stop.

To Check Or Scan Your Name Directory:

In this example, the entry to be checked is Held, B.

1

Z
NAME
DIR

Spell name, then press pound.

2

H
8

E
5

L

D
4

B
2

#

H-E-L-D-B-5-5-5-1-1-0-1.

To repeat press 'R,' for next name press 'Q.'

OR Press just the first letter of the entry you want

H
8

#

(The Telstar system will tell you the first entry in alphabetical order beginning with 'H'.)

H-A-L-L-T-5-5-2-2-8-8.

To repeat press 'R,' for next name press 'Q.'

3

Q
NEXT

H-E-L-D-B-5-5-5-1-1-0-1.

Press 'R' or 'Q.'

4

#

End of review.

To Erase A Name From Your Name Directory:

1

Z
NAME
DIR

Spell name, then press pound.

* You can review any entry in your directory by pressing the name directory access key, spelling the entry name, then pressing pound. Or you can scan a section of the name directory by pressing any one letter, then pressing pound. Press 'B,' for instance, to begin scanning your name directory at the first entry beginning with 'B.'

*Note that, after you scan your last entry (in alphabetical order), the Telstar system will automatically end its review of the name directory. To continue scanning at some other point, you must first re-enter the directory by pressing the directory access key.

*You can assign special status to as many names in your name directory as you like.

*Special status works with both your call screening and call forward announcement features.

2

A 1	M	E 5	S FIRE	J 0
--------	---	--------	-----------	--------

A-M-E-S-J-5-5-3-4-3-4.

To repeat press 'R,' for the next name press 'Q.'

3

ERASE

Erased A-M-E-S-J.

For next name, press 'Q.'

4

#

End of review.

To Assign Special Status To A Name In Your Name Directory:

1

Z NAME DIR

Spell name, then press pound.

2

H 8	A 1	L	L	T POLICE	#
--------	--------	---	---	-------------	---

OR

H 8	#
--------	---

H-A-L-L-T-5-5-2-2-8-8.

To repeat press 'R,' for next name press 'Q.'

3

SPECIAL

Special status for H-A-L-L-T.

Press 'R' or 'Q.'

4

#

End of review.

To Remove A Name From Special Status:

1

Z
NAME
DIR

Spell name, then press pound.

2

H
8

A
1

L

L

T
POLICE

#

H-A-L-L-T. Special status. 5-5-5-2-2-8-8.
To repeat press 'R,' for next name press 'Q.'

3

SPECIAL

Erased special status for H-A-L-L-T.
Press 'R' or 'Q.'

4

#

End of review.

To Check Or Scan Special Status Names:

1

Z
NAME
DIR

Spell name, then press pound.

2

SPECIAL

H-A-L-L-T. Special status. 5-5-5-2-2-8-8.
To repeat press 'R,' for next name press 'Q.'

3

#

End of review.

*Special status takes call screening one step further. During screening, the Telstar system automatically answers all your calls. Your phone rings only when a caller dials in a number that matches one of your name directory entries. Once you assign special status to one or more names in your directory, the Telstar system will handle all your callers (including those in the directory) without disturbing you. Your phone will ring only when a special status person dials in. (Refer to page 22 for more information on call screening.)

*Notice that you press the "SPECIAL" key both to assign special status and to remove it. To avoid inadvertently removing special status when you mean to assign it, always listen for the report on a name's status before you press "SPECIAL."

*Your identification code number can be from one to five digits long. Recording an i.d. code is optional. You'll find an i.d. code useful in two situations.

*If you've recorded an i.d. code, only the people who know the code can phone your Telstar system when they're away from home to pick up messages, get a phone number from the Telstar name directory, or turn on a call forward announcement.

*If you've recorded an i.d. code, you can use it to override long distance dialing restriction when it's turned on.

To Record Your Identification Code:

In this example, the information to be recorded is identification code 623.

1 Press

RECORD
START
STOP

Record start, press choice.

2

W
ID
CODE

Enter new identification code, then press pound.

3

F
6

B
2

C
3

#

Press choice.

4

RECORD
START
STOP

Record stop.

To Check Your Identification Code:

1

W
ID
CODE

Identification code 6-2-3.

To Erase Your Identification Code:

1

RECORD
START
STOP

Record start, press choice.

2

W
ID
CODE

Enter new identification code, then press pound.

3

ERASE

Erased identification code, press choice.

4

RECORD
START
STOP

Record stop.

To Record Your Home Phone Number:

In this example, the home phone number is 555-2468.

1

Press

RECORD
START
STOP

Record start, press choice.

2

V
HOME

Enter phone number, then press pound.

*Some people find a name or a word easier to remember than a number code. You can use a word code — but you have to translate the code into numbers to enter it in your Telstar console. Simply refer to your touch telephone's dialing keyboard. For instance, to dial in i.d. code "David" you'd press

DEF 3	ABC 2	TUV 8
----------	----------	----------

GHI 4	DEF 3
----------	----------

To record the same i.d. code in the Telstar console, press:

C 3	B 2	H 8
D 4	C 3	

*Recording your home phone number in the Telstar console's memory is optional.

* If you do record your home phone number, Telstar will automatically answer your callers with this message:

Hello.
You have reached
5-5-5-2-4-6-8.
No one is available now.
At the tone, please use
Touch-Tone dialing to
leave your number...

* If you don't record your home number, your Telstar system can't announce it. Your callers will hear:

Hello.
No one is available now.
At the tone, please
use Touch-Tone dialing to
leave your number...□

3

E	E	E	B	D	F	H
5	5	5	2	4	6	8



Press choice.

4



Record stop.

To Check Your Home Phone Number:

1

V
HOME

Home number 5-5-5-2-4-6-8.

To Erase Your Home Phone Number:

1



Record start, press choice.

2

V
HOME

Enter phone number, then press pound.

3

ERASE

Erased home number, press choice.

4



Record stop.

Using Your Telstar Call Control System At Home

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This general sequence is a guide to using your Telstar Call Control System from your home's touch telephones.

* You'll find as you press your feature codes that the Telstar system's verbal feedback will guide you.

* As you become familiar with the Telstar system's routines, you can quicken your pace. You needn't wait for your Telstar system to finish speaking before you press the next button.

* The key to the Telstar Call Control System is its feature codes. You can access any feature by pressing its initials on your touch telephone. For instance, "CS" is the code for call screening.

* Handy, wallet-size cards showing all of the Telstar Touch-Tone codes are included on the back cover.

* The feature-access sequences covered on the next page are your permanent reference to using the Telstar Call Control System from your home telephones. Just press the buttons indicated. The Telstar system's verbal feedback is printed in red.

To Use Your Telstar Call Control System At Home:

- 1 Pick up your touch telephone handset and press



- 2



Press a feature code

- 3 Press



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



Beep-beep.

(If you've just installed the Telstar console, you may hear.)

Check time.

Beep-Beep

To Check The Time And Date (CT):

- 1** Pick up your handset and press



The time is 2:45 PM, February 14.
Beep-beep.

* 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.

* If you've just installed your Telstar console, your Telstar system may tell you to check time — that is, to check the time on its clock-calendar to make sure it's accurate. Any time power to the console has been interrupted — and the Telstar clock-calendar has stopped running for a while — the Telstar system will tell you to check the time when you press your phone's "*" button.

*You'll continue to dial out calls as you always have. Your Telstar Call Control System adds dialing options: you can have the Telstar system redial the last number you called, or the Telstar system will dial any phone number you've entered in the console for you.

*You can use any rotary or pulse dialing phone you have to place or answer calls as you always have. You can't use these phones to access Telstar features, however.

*If you subscribe to any of your local telephone company's custom calling services, you will have to get your telephone company's dial tone on your phone before you can use call forwarding, call waiting, three-way calling, or call speeding. Simply pick up your handset, listen to the Telstar dial tone, then press and release your phone's switchhook. The next tone you hear will be your telephone company's dial tone. (If you have a good ear for tones, you'll notice a difference in pitch.)

To Dial A Call Yourself:

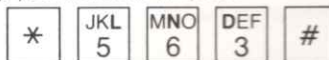
- 1 Pick up your handset

You'll hear the Telstar dial tone.

- 2 Dial the phone number you want to reach

To Check Or Have The Telstar System Call The Last Number You Dialed (LND):

- 1 Pick up your handset and press



(If the last number you called is in your name directory;)

The last number dialed was S-M-I-T-H-J. To repeat or call, press R or C.

(If the last number dialed is not in your directory;)

The last number dialed was 5-5-5-7-0-1. To repeat or call, press R or C.

- 2 To hear the last number dialed again, press



OR To have the Telstar system call the last number dialed, press



To Dial Recorded Emergency Numbers (F, M, or P):

- 1 To have the Telstar system call your recorded fire emergency number, pick up your handset and press



Dialing fire number.

To Have The Telstar System Dial Numbers In Your Name Directory (ND):

- 1 Pick up your handset and press



Name directory. Spell name, then press pound.

- 2 Start pressing the letters of the name you want, for instance, Bob Jones —



(As soon as the Telstar system recognizes the name you're spelling)
Beep-beep-beep.

- 3 When the Telstar system signals, stop spelling and press



B-O-B-J-O-N-E-S. To repeat or call, press R or C.

OR Continue spelling the complete name, then press pound



(If there's no match in the directory:)

Please try again. Spell name.

(If there is a matching entry:)

B-O-B-J-O-N-E-S. To repeat or call, press R or C.

- 4 To have the Telstar system dial the recorded number, press



* To dial your medical emergency number, press M and #. For police, press P and #. Note that you need only press the single access code button (F, M, or P) and the "#" button.

* It's important to keep in mind that the Telstar console runs on AC power. If there is a power outage, the Telstar system can't dial your emergency numbers for you. Your phones will continue to run on telephone line power, and you'll be able to dial calls directly.

*Your Telstar Call Control System is always ready to answer calls you can't get to. You decide when the system will intercept your calls by setting the number of rings, from one to 15, after which it will pick up a call.

*If you set one or two rings, you direct the system to answer all your calls (unless you're very quick).

*If you set 15 rings, you direct the system to ignore your calls (unless you can't get to the phone and your caller persists in ringing 15 times).

*When the Telstar system answers a call, it says:

Hello.

No one is available now.

**At the tone, please use Touch-Tone dialing to leave your number.
Beep.**

(After your caller dials in a phone number:)

The number received was 5-5-5-1-1-0-1.

If that number is incorrect, please try again.

(After a pause:)

Your number has been recorded. Good-bye.

To Set Rings For Call Answering (SR):

In this example, the Telstar system is already set to answer after 15 rings, and will be reset to three rings:

1 Pick up your handset and press



**Call answering is set for 15 rings.
Enter new number, then press pound.**

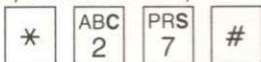
2



**Call answering is set for 3 rings.
Beep-beep.**

To Turn On Call Screening (CS):

- 1 Pick up your handset and press



**Call screening is off.
To turn it on, press O-N pound.**

2



Enter off time, using A for AM, or P for PM. Then press pound.

- 3 If you wanted Call Screening to turn off at 3:30 PM



**Call screening is on until 3:30 PM.
Beep-beep.**

To Turn Off Call Screening (CS):

- 1 Pick up your handset and press



**Call screening is on until 3:30 PM.
To turn it off, press O-F-F pound.**

2



**Call screening is off.
Beep-beep.**

* When you turn on call screening, the Telstar system will answer all your calls immediately (regardless of the number of rings you've set). If a caller dials in a number matching one in your name directory, the system will ring your phone, giving you the option of answering that call.

* You can further screen your calls by assigning special status to one or more names in your name directory. The system will ring your phone only if a special status person leaves his or her number.

* You don't have to program an "off time." To have calls screened indefinitely, press # when the system asks for an off time.

* Because your phone will not ring when call screening is on, and you've set an off time, the Telstar system will remind you that this feature is on when you pick up your phone by giving you a "stuttered" dial tone. Press your phone's * button: the system will tell you that call screening is on. If you don't set a specific turn-off time, your phones will signal each incoming call with one short ring.

*The Telstar message to your callers is the same as the standard call answering message. If your caller dials in a number that matches one in your name directory, the Telstar system will ask him or her:

Please wait.

while it rings your phone. If you don't pick up, the Telstar system will sign off

Your number has been recorded. Good-bye.

*When call forward announcement is on, the Telstar system will answer your callers after the number of call answering rings you've set with the same message it uses in call screening. If your caller dials in a number that matches one of your directory entries, the Telstar system will tell him or her the forwarding number you've recorded:

To reach someone, please call 5-5-5-2-4-6-8.

To repeat, press Touch-Tone digit 7.

*The Telstar system will remind you that this feature is on every time you pick up your phone by giving you a "stuttered" dial tone.

To Turn On Call Forward Announcement (CFA):

- 1** Pick up your handset and press



Call forward announcement is off.

To turn it on, dial the announcement number, then press pound.

- 2** If you wanted 555-2468 announced as your forwarding number —



Call forward announcement is set for 5-5-5-2-4-6-8.

Beep-beep.

To Turn Off Call Forward Announcement (CFA):

- 1** Pick up your handset and press



Call forward announcement is set for 5-5-5-2-4-6-8.

To turn it off, press O-F-F pound.

- 2**



Call forward announcement is off.

Beep-beep.

To Check Messages (CM):

- 1 Pick up your handset and press



(If you have no new messages:)

End of new messages. For next message press M.

(If you have a message from someone in your name directory:)

The first call was from S-A-N-D-S-R. Received at 3:30 PM, February 14.

To repeat or call, press R or C. For next message, press M.

(If you have a message from someone not entered in your name directory:)

The first call was from 5-5-5-2-4-6-8. Received at 3:30 PM, February 14.

To repeat or call, press R or C. For next message, press M.

- 2 To have the message repeated, press



To call the person who left the message, press



- 3 To hear your next message, press



(If there are no more new messages:)

End of new messages. For next message press M.

- 4 To hear your old messages, press



(If there are old messages:)

5-5-5-1-1-2-2-. Received at 5:00 PM, February 13.

Press R, C, or M.

(When all messages have been played back:)

End of messages

Beep-beep.

*The Telstar system will tell you the time and date each message was received. It will give you a name and number if the message received was from someone in your directory. Otherwise, it will give you the phone number your caller left.

*The Telstar system can store up to 30 messages. As messages come in, they're "stacked," from the oldest to the newest. Once full message capacity has been reached, each new message takes its place at the top of the stack, while the oldest message at the bottom of the stack is erased.

*New messages need be checked only once to become "old" messages. If more than one person routinely checks your Telstar messages, it's a good idea to get into the habit of scanning a few of your recent "old" messages after the Telstar system tells you:

End of new messages.

*As soon as two of your extension phones are picked up after the signal, your Telstar intercom call is connected.

*If there are several extensions involved in an intercom call, you may find that some of them will have to hang up before you can press your phone's "A" button to answer an incoming call.

Changing your intercom signal does not permanently reset the number of intercom rings. Whenever you press just the "", "I," and "#" buttons, the intercom signal will be three short rings.

*Changing the signal gives you the option of working out an "in-house intercom code"—for instance, two short rings might signal dinner time; one short ring, pick up an incoming call.

To Use The Telstar Intercom (I):

- 1 Pick up your telephone handset and press



Intercom. Please hang up.

- 2 Hang up.

All your phones will signal with three short rings. Your phones will signal until an extension is picked up.

- 3 When the ringing stops, pick up your handset.

(If you get a phone call during an intercom conversation, the Telstar system will tell you.)

Incoming call. To answer, press A.

- 4 Press



To Change Your Intercom Signal:

- 1 If you would prefer to signal with some other number of rings, press any single digit after I. For five short rings —



Intercom. Please hang up.

- 2 Hang up.

All your phones will signal with five rings.

To Turn On Long Distance Restriction (LDR):

- 1 Pick up your handset and press



Long distance restriction is off.
To turn it on, press O-N pound.

2



Enter identification code, then press pound.

- 3 If your identification code were 623



Long distance restriction is on.
Beep-beep.

To Turn Off Long Distance Restriction (LDR):

- 1 Pick up your handset and press



Long distance restriction is on.
To turn it off, press O-F-F pound.

2



Enter identification code, then press pound.

3



Long distance restriction is off.
Beep-beep.

*When long distance restriction is on, the Telstar system will stop anyone who tries to make a call outside your area code (either by dialing directly or asking the Telstar system to dial a number in the directory). The Telstar system will tell him or her:

Long distance restriction on.

*The Telstar system will not allow a call for an identification code only if you have recorded one at the console.

*If you have recorded an identification code, the Telstar system will tell the person dialing out:

Long distance restriction on.

Enter identification code, then press pound.

*If you enter the identification code, you can override the long distance restriction. Your call will be dialed through. There's no need to redial the phone number.

*The Telstar system will permit toll-free "800" numbers to dial through. The Telstar system cannot screen seven-digit long distance phone numbers.

*Please note that you can put a caller on hold only if he or she has called you.

*You can use the Telstar intercom while you have a call on hold.

*You can return to the incoming call by pressing the "A" button (for answer) on any of your touch telephone extensions. □

To Put An Incoming Call On Hold (H):

- 1 Answer your call. Anytime after the call has been connected, press

GHI 4	#
----------	---

(The Telstar system tells your caller:)

Please wait.

(The Telstar system tells you:)

Call on hold.

- 2 Hang up your handset.

(Every 15 seconds, your caller will hear:)

Please wait.

(Every 15 seconds, you'll hear:)

Your phone ring once.

- 3 To return to your call, pick up your handset and press

ABC 2



Using Your Telstar Call Control System When You Phone Home

Contents

- To Leave A Message — 30
- To Check The Time (CT) — 30
- To Check Messages (CM) — 31
- To Turn On Call Forward Announcement (CFA) — 31
- To Get A Number From The Name Directory (ND) — 32

This general sequence is your guide to using Telstar features when you use a touch telephone to call home.

*You'll find as you press your feature codes that the Telstar system's verbal feedback will guide you to the next step.

*As you become familiar with the Telstar system's routines, you can quicken your pace. You needn't wait for the Telstar system to finish speaking before you press the next button.

*The key to the Telstar Call Control System is its feature codes. Handy, wallet-size cards showing all of the Telstar Touch-Tone codes are included on the back cover.

The feature-access sequences covered on the next pages are your permanent reference to using the Telstar Call Control System when you phone home. The feature code is in parentheses after each feature name. Just press the touch telephone buttons indicated. The Telstar system's feedback is printed in red. The information marked by an "" will help you get the most from your Telstar features.

To Use Telstar Features Away From Home:

1 Dial your home phone number.

(When the Telstar system answers:)

Hello...

2 Press



3 Enter your i.d. code (if any)



4 Press



5 Press a feature code



6 Press



To Leave A Message:

- 1 Dial your home phone number.

(If call screening is on, the Telstar system will answer immediately. Otherwise, the Telstar system will answer after the number of call answering rings you've set.)

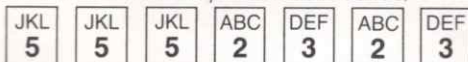
Hello.

You have reached 5-5-5-1-1-0-1.

No one is available now. At the tone, please use Touch-Tone dialing to leave your number.

Beep.

- 2 Dial in the number at which you can be reached.



The number received was 5-5-5-2-3-2-3.

If that number is incorrect, please try again.

(If call screening is on, and the number you dialed in matches one in your name directory, the Telstar system will ask you:)

Please wait.

(The Telstar system will then ring your home phone.)

(If there is a call forward announcement:)

To reach someone, please call 5-5-5-7-9-9-9.

To repeat, press Touch-Tone digit 7.

(After a pause, the Telstar system will sign off:)

Your number has been recorded.

Good bye.

* You may not want to leave yourself messages very often, but it's a good idea to listen to the announcement your callers hear at least once — and the only way to do that is to phone home.

To Check The Time And Date (CT):

- 1 Dial your home phone number.

Hello.

You have reached...

- 2 Press



- 3 If you've recorded an identification code, dial it in, then press pound



(If call forward announcement is on:)

Call forward announcement is set for 5-5-5-1-1-0-1.

(If you've received new messages:)

Check messages.

(When the Telstar system is ready for your next signal:)

Beep-beep.

* Please note: if you have recorded an identification code at the console, you must dial in the i.d. code to access Telstar when you call it. If you haven't recorded an i.d. code, anyone can access your Telstar system. Simply press the "*" button and a feature code.

As soon as you hear the Telstar system answer your call, you can remotely access the Telstar system by pressing any touch telephone's "" button. You don't have to listen to the entire call answering announcement.

*If you are not the only one phoning in to pick up messages, remember that your messages need be checked only once for your Telstar system to consider them "old" messages.

4 Press



**The time is 2:45 PM, February 14.
Beep-beep.**

To Check Messages (CM):

1 Dial your home phone number.

Hello. You have reached...

2 Press star, your i.d. code, and pound



(If you've received new messages:)

Check messages.

3 Press



(If you have a message from someone in your directory:)

**The first call was from B-O-B-J-5-5-5-2-4-6-8. Received at 3:30 PM,
February 14. To repeat, press R. For next message, press M.**

(If your caller was not in your directory:)

**The first call was from 5-5-5-2-4-6-8. Received at 3:30 PM, February 14.
To repeat, press R. For next message, press M.**

(When there are no more new messages:)

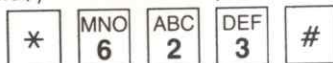
End of new messages.

To Turn On Call Forward Announcement

1 Dial your home phone number.

**Hello.
You have reached...**

- 2 Press star, your i.d. code, and pound



(After any Telstar status report:)

Beep-beep.

- 3 Press



Call forward announcement is off.

To turn it on, dial the announcement number, then press pound.

- 4 If you wanted 555-2468 announced as your forwarding number



Call forward announcement is set for 5-5-5-2-4-6-8.

* If call forward announcement is on, the Telstar system will tell you what phone number it has been set for. You can turn off call forward announcement by pressing O-F-F and the "#" button. □

To Get A Phone Number From Your Name Directory (ND):

- 1 Dial your home phone number.

Hello.

You have reached...

- 2 Press star, your identification code, and pound



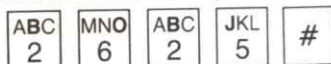
Beep-beep.

- 3 Press



Name directory. Spell name, then press pound.

- 4 Press the letters of the name you want



(If there is no matching directory entry:)

Please try again.

(If there is a matching directory entry:)

B-O-B-J-5-5-5-1-2-3-4. To repeat, press R.

TELSTAR CALL CONTROL SYSTEM SERVICE INFORMATION

Maintaining the Telstar Console
is on page 34.

Your Limited Warranty
is on page 34.

Repairing the Telstar Console
begins on page 35.

FCC Registration and Repair Information
is on page 36.

FCC Interference Information
is on page 37.

Maintaining The Telstar Console

Your Telstar console has been designed to exacting Genuine American Bell standards to give you years of trouble-free service. Maintaining your Telstar console involves a few simple rules:

Avoid dropping or sharply knocking the Telstar console.

Keep the original carton and styrofoam molds to reuse when you move or ship your Telstar console.

Keep your Telstar console out of direct sunlight.

Keep your Telstar console free of dust.

Regular dusting is the ideal way to keep your Telstar console clean.

Keep your Telstar console free of moisture.

If you want to clean your Telstar console, you can wipe the exposed plastic parts with a damp, soft cloth. Don't use detergents. Avoid excess moisture.

CAUTION: Remember, your Telstar console is an electrical device and can be hazardous if immersed in water. To avoid the possibility of electrical shock, do not use it while you're in the bathtub or shower, or

when you are wet. If you accidentally drop the console into water, first unplug its telephone cord from the modular jack and its AC cord from the electrical outlet, then retrieve the console from the water. □

Limited Warranty

This limited warranty is given to you by American Bell Consumer Products, 5 Wood Hollow Road, Parsippany, NJ 07054.

What this warranty covers and for how long:

If your Telstar Call Control System equipment is defective in material or workmanship, return it within one (1) year of the date of purchase, and we will fix it or, at our option, replace it at no charge to you.

How to exercise your warranty:

For warranty service, return your product to the American Bell PhoneCenter where you purchased it, or call the American Bell Customer Service Center, toll free, on 1-800-555-8111. You will be advised of the ad-

dress of an authorized service location near you. If you ship your product, you must prepay all shipping costs to the authorized service location.

When you return your product for warranty service, proof of the date of purchase is required.

After repairing or replacing your Telstar equipment under warranty, we will ship it to your home at no cost to you.

What this warranty does not cover:

This warranty does not cover defects resulting from accidents, alterations, failure to follow instructions, misuse, fire, flood, and acts of God.

We do not warrant this product to be compatible with any particular telephone equipment or party line, key telephone systems, or more sophisticated customer premises switching systems.

Shipping costs to an authorized service location are not covered.

What we will not do:

We will not be responsible for implied warranties, including those of fitness for a particular purpose and merchantability.

Neither we nor the manufacturer will pay for loss of time, inconvenience, loss of use of the product, or property damage caused by this product or its failure to work or any other incidental or consequential damages.

This warranty sets forth all our responsibilities regarding this product. Repair or replacement at an authorized service location is your exclusive remedy. This warranty is the only one we give on this product. There are no express or implied warranties from the manufacturer, and there are no other express or implied warranties from American Bell Consumer Products.

Other conditions;

If we fix your product, we may use reconditioned replacement parts or materials. If we choose to replace your product, we may replace it with a reconditioned one of the same design and color. Parts used in repairing or replacing the product will be warranted for ninety (90) days from the date the product is shipped to you or for the remainder of the original warranty period, whichever is longer.

State law rights:

Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damages, so the above exclusions or limitations may not apply to you.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. □

Repairing The Telstar Console

If you have trouble using any of your Telstar Call Control System features, always refer to your owner's manual to check the correct programming or feature-access steps first. Use the index on page 40 to find the information you need quickly.

Before you decide your Telstar console needs repair, make sure the trouble is not with your regular telephone or telephone line. Disconnect the Telstar console from your telephone line and try your telephones. If you are still having trouble placing or receiving calls, call your local telephone company. Keep your Telstar console disconnected until your line is repaired.

If you have isolated your Telstar console as the source of your telephoning problem it must be repaired at an authorized service center.

See page 34 for important information on warranty service. Please note that you must provide proof of the date you purchased your Telstar console for warranty service.

If you have any questions about service, call the American Bell Customer Service Center toll-free number: 1-800-555-8111.

For Warranty Service Within 30 Days Of The Date Of Purchase:

You may return your Telstar console to the American Bell PhoneCenter where you purchased it for immediate replacement, or call our Customer Service Center at 1-800-555-8111.

For Warranty Service After 30 Days, But Within One Year Of Purchase:

Return your Telstar console to the American Bell PhoneCenter where you purchased it, or call our Customer Service Center, 1-800-555-8111, to arrange

for warranty service. You will be advised of the address of an authorized service location to which you can take or ship your Telstar equipment. There will be no charge for warranty service except for shipping costs to the service location. We suggest that you retain your original packing material in the event you need to ship your Telstar console. When sending your equipment to a service location, include your name, address, phone number, proof of purchase, and a description of the problem. Please detach and fill out the Service Return Form (back-cover) to provide this information.

For Service After One Year From The Date Of Purchase:

If your Telstar console is no longer covered by our warranty, there will be a charge for repair. You may arrange for repair by returning to the American Bell PhoneCenter where you purchased your console, or by calling our Customer Service Center at 1-800-555-8111. In either case, we will quote you the repair charge and tell you how to arrange for repairs. □

FCC Registration And Repair Information

Your new Telstar equipment has been registered with the Federal Communications Commission (FCC) in accordance with Part 68 of its Rules. The FCC requires that you be advised of certain requirements involving the use of your Telstar console.

1. Connection and use with the nationwide telephone network

The FCC requires that you connect your Telstar console to the nationwide telephone network through a standard network interface jack, USOC RJ11C, RJ11W, or RJ31X. This modular outlet can be ordered from your local telephone company if not already installed.

2. Notification to the telephone company

Before you connect your Telstar console, the FCC requires that you notify your local telephone company business office. The phone number is in the front of your phone book. Tell them:

— the "line" to which you will connect the console

(that is, your phone number), and
— your Telstar console's FCC registration number and ringer equivalence number. These numbers are on the identification plate on the bottom of your Telstar console.

The FCC further requires that you notify your local telephone company when permanently disconnecting your Telstar console.

This Telstar equipment may not be used with party lines or coin telephone lines.

3. Repair instructions

If you experience trouble with this Telstar equipment, please follow the instructions listed under *Repairing The Telstar Console*, page 35. If it is determined that your Telstar console is malfunctioning, the FCC requires that it must not be used and that it be unplugged from the modular outlet until the problem has been corrected.

Repairs to your Telstar equipment can only be made by the manufacturer and its authorized agents and by others who may be authorized by the FCC.

4. Rights of the telephone company

If your Telstar equipment causes harm to the telephone network, the telephone company may temporarily discontinue your service. If possible, they'll notify you in advance. But if advance notice is not practical, you will be notified as soon as possible. You will be given the opportunity to correct the situation, and you will be informed of your right to file a complaint with the FCC.

Your telephone company may make changes in its facilities, equipment, operation, or procedures that could affect the proper functioning of your Telstar equipment. If they do, you will be notified in advance to give you an opportunity to maintain uninterrupted service. □

Interference Information — Part 15 Of FCC Rules

Telephone equipment with digital circuitry generates and uses radio frequency energy and if not installed and used properly, that is, in accordance with the instructions provided with the product, may cause interference to radio and TV reception. This product has been tested and found to comply with the limits for a Class B computing device in accordance with the specifications in Subpart J of Part 15 of FCC Rules, which are designed to provide reasonable protection against such interference in a residential installation. However, there is no guarantee that interference will not occur in a particular installation.

If this unit does cause interference to radio or TV reception, you are encouraged to try to correct the interference by one or more of the following measures: (1) Reorient the receiving TV or radio antenna where this may be done safely; or (2) to the extent possible, relocate the TV, radio, or other

receiver away from the unit.

If you need help, call the American Bell Customer Service Center, 1-800-555-8111. You may find this booklet prepared by the FCC helpful: "How to Identify and Resolve Radio-TV Interference Problems." This booklet is available from the U.S. Government Printing Office, Washington, D.C. 20402, Stock No. 004-000-00345-4. □

Telstar Call Control System Directory

Fire Emergency Number: _____

Medical Emergency Number: _____

Police Emergency Number: _____

Name Directory Entries:

(Full Name and Phone Number)

(Entry Name)

[illegible]

[illegible]

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**Sales and Service
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