



JR300C JR400C JR500C

Owner's Manual

Introduction

Thank you for choosing this JENSEN Universal Remote Control. The new JENSEN line of universal remotes has been designed with the consumer in mind. Months of market research and focus groups helped develop an ergonomically correct remote control with all the latest features and benefits to enhance your viewing experience.

Before you begin using your new JENSEN remote control, you must first read the instructions carefully and install a set of two "AA" batteries (not included). This manual was written for use with the JR300C, JR400C, and JR500C. Please note that not all modes will be available in all models.

Installing The Batteries:

1. Locate the battery cover on the back of the remote control.
2. Pull down the lever on the battery door to open battery compartment.
3. Install two "AA" batteries, making sure that the "+" and "-" marks on the batteries match the diagram inside the battery compartment.
4. A battery test can be performed by pressing any of the "mode keys": TV, VCR, CBL/SAT/ANT (cable/satellite/antenna), DVD, and Audio. The red LED indicator will blink once.

Note: Your JENSEN Universal Remote Control has a built-in memory backup that allows you to remove the batteries for up to 10 minutes without losing programmed information. If you wait longer than 10 minutes to replace the batteries, you may have to reprogram your universal codes.

Programming the Remote Control:

There are two methods available to program your new remote control. The first method is "Manual Programming," the second method is "Standard Step-and-Set." Please choose which of the following best fits your needs.

Manual Programming:

Locate the four-digit codes for your device and brand in the code listing included with this manual. You will notice that there will be more than one four-digit code for some devices next to some brands. This is the result of many manufacturers using different codes for different models. Once you have located the codes that you will be using, you are ready to start programming your remote. Please follow the steps below for best results.

1. Manually turn on the device that you are trying to set up (TV, VCR, Cable/Satellite/Antenna, DVD, or Audio)
2. Press down and release the device "mode key" (TV, VCR, CBL/SAT/ANT, DVD, or AUD) on the remote control. The red LED indicator will blink once.
3. Press down and hold the **SETUP** key until the red LED indicator blinks twice, then release.
4. Enter the first four-digit code for the device you are trying to program. The LED will blink once on each digit entry except for the last digit, where it will blink twice to confirm that a valid code has been programmed.
5. Aim the remote control at the device that you programmed and press **POWER**. If the device turns off, you have programmed the correct code. If the device does not turn off, return to step 2 and use the next four-digit code for that brand and model.
6. Repeat the steps above to program the next device.
 - If any other key is pressed besides a digit key during programming, the unit will display one long blink, exit programming state, and restore the last preprogrammed code.
 - Upon entry of an invalid key sequence or invalid code, the remote control will display one long blink and return to the last preprogrammed code.
 - The unit will exit programming state and return to the last preprogrammed code if 10 seconds have elapsed between digit entries.

Standard Step-and-Set Programming:

If the device code for a particular brand is unknown, you will be able to cycle the remote through the available codes for that device mode and sample functions from each code in order to find the code that operates the desired device. The keys which are available to be sampled (provided they are applicable to that mode) are: 0, 1, 2, 3, POWER, CHANNEL UP, VOLUME UP, PLAY and STOP. Invalid key presses will be ignored while in the programming state. Follow the steps below to cycle through each available device code and sample its functions.

1. Manually turn on the device that you are trying to set up (TV, VCR, Cable/Satellite/Antenna, DVD, or Audio).
2. Press down and release the device "mode key" (TV, VCR, CBL/SAT/ANT, DVD, or AUD) on the remote control. The red LED indicator will blink once.
3. Press down and hold the **SETUP** key until the red LED indicator blinks twice, then release.
4. Enter the digits **9, 9, 1**. The red LED will blink twice. Press the first function you want to test, i.e., **POWER**. If the device turns off, you have located the correct code. If the device does not turn off, press the "mode key" again to go to the next code in the library. Repeat the procedure above until locating the correct code or until you have gone through the entire code library.
5. When the correct code has been located, press **SETUP** and release. The red LED will blink twice, locking in the code for that device.
6. Repeat the steps above to program the next device.

Note: The available functions within a code may be sampled as many times as desired until advancing to the next code by pressing a specific device mode key. For the selected mode, the search will begin with the most popular device code when no code is currently programmed or will begin with the current programmed code. The search function has an end of cycle designator (LED will blink three times) to indicate when a cycle has been completed. The unit will begin to cycle through the available codes again. The LED will light each time a function is sent. If no key is pressed within 10 seconds, the remote will exit the setup mode and return to the code previously set up before Step-and-Set was initiated. The unit will blink two times after successful completion of the programming sequence.

- Upon entry of an invalid key sequence, the LED will display one long blink and return to normal operation.
- The unit will exit programming state and return to normal operation if 10 seconds have elapsed between key presses.

Code Verification:

To find the four-digit device code that you have programmed in the remote, follow the procedure outlined below. This is used to get feedback on the device code selected. The number of blinks that occur after pressing the numeric keys 1, 2, 3 and 4 represents the 4-digit ID code set up for that mode. There is a 0.5-second delay between each blink. There is also a 0.5-second time delay after each key press.

1. Press down and release the device "mode key" (TV, VCR, CBL/SAT/ANT, DVD or AUD) on the remote control.
2. Press down and hold the **SETUP** key until the red LED blinks twice, then release.
3. Enter the digits **9, 9, 0**. The red LED indicator will blink twice. Press numbers 1, 2, 3, and 4, observing the number of blinks after each number has been pressed. Write down the number for future use.

Note: The digit "0" will not blink.

Using Your JENSEN Remote Control:

After you have programmed the JENSEN Universal Remote Control for use with one or more devices, you are ready to start using the remote. Follow the steps below to get acquainted with your remote.

1. Press the mode key of the component that you want to control (TV, VCR, CBL/SAT/ANT, DVD, or AUD).
2. Press the **POWER** key to turn on the component if it is not already on.

3. Press the key of the function you wish to perform. (See Key Function Diagram for a complete listing of key descriptions.)

Key Description:

- Red LED Indicator** – This light will turn on or blink depending on the function that you are performing. The instructions in this manual will explain the normal operation.
 - POWER** – Turns the selected device on or off.
 - SCAN** – Automatically changes channels every 3 seconds.
 - TV/VCR** – Selects inputs on TV, VCR, Cable/Satellite, or DVD.
 - CHANNEL UP (Skip Forward)** – Press this key to move up one channel. When in DVD or CD mode, press this key to move up one track.
 - FAST FORWARD** – Fast-forwards a videotape, CD, or DVD.
 - PLAY** – Press this key to start or resume playing videotape, CD or DVD.
 - STOP** – Press this key to stop the playback, recording, rewinding or fast-forwarding of a videotape. In CD or DVD mode, press this key to stop the playback of a CD or DVD.
 - CHANNEL DOWN (Skip Back)** – Press this key to move down one channel. When in DVD or CD mode, press this key to move down one track.
 - LAST** – Also known as "channel recall." Press this key to switch to the last channel that you were viewing. In CD or DVD mode, press this key to repeat a CD or DVD track or for random play.
 - RECORD** – Press this key to start recording a program.
- Note: As an added safety feature, you must press the RECORD key twice in order to start recording.**
- MUTE** – Press this key to mute the sound.
 - VOLUME DOWN (-)** – Press this key to decrease the volume level.
 - PAUSE** – Press this key to pause the recording or playback of a videotape. Press again to resume recording or playback. In CD or DVD mode, press this key to pause the playback of a CD or DVD.
 - REWIND** – Press this key to rewind a videotape, CD or DVD.

Key Function Diagram:

JR500C featured



*Highlighted Keys are used for on-screen menu control.

- VOLUME UP (+)** – Press this key to increase the volume level.
- SLEEP** – Press this key to activate the automatic sleep timer.
- FAVORITE CHANNEL** – Press this key to access favorite channel mode of Cable Box and Satellite Receiver.
- INFO** – Press this key to access the on-screen information menu function of the TV, VCR, Cable Box, Satellite Receiver, or DVD player.
- MENU** – Press this key to access the on-screen menu of the TV, VCR, Cable Box, Satellite Receiver, or DVD.
- Menu Right (→)** – Press this key to navigate on-screen menu functions to the right.
- Menu Down (↓)** – Press this key to navigate on-screen menu functions down.
- SELECT** – Press this key to select an option while in on-screen menu mode.
- Menu Left (←)** – Press this key to navigate on-screen menu functions to the left.
- Menu Up (↑)** – Press this key to navigate on-screen menu functions up.
- GUIDE** – Press this key to access the on-screen menu guide function of the Cable Box, Satellite Receiver, or some CD players.
- EXIT** – Press this key to exit the on-screen menu display.
- 0 - 9 Keys** – Press these keys for direct key entry. In CD or DVD mode, press these keys to select a track. In Receiver mode, press these keys to select source input.
- ENTER** – In menu mode, press to select an option. Otherwise, press this key to enter in a channel. In CD or DVD mode, press this after entering a track number.
- SETUP** – Press this key to enter the setup mode.
- Mode Keys (TV, VCR, CBL/SAT/ANT, DVD and AUD)** – Press these keys to select device mode (TV, VCR, Cable/Satellite/ Antenna, DVD, or Audio).

Additional Remote Control Features:

Record
To prevent accidental recording over videotape, the new line of JENSEN remotes requires that the **RECORD** key be pressed twice in order to begin recording.

Mode Reassignment

This feature allows you to reassign a selected device mode key (TV, VCR, CBL/SAT/ANT, DVD or AUD) to the desired device mode key. For example, a VCR device mode key (destination mode) can be changed to an additional TV device mode key (source mode) to facilitate the operation of two different TVs. Follow the steps below for best results.

- Press down and hold the **SETUP** key until the red LED blinks twice, then release.
- Enter the digits **9, 9, 2**. The red LED indicator will blink twice.
- Press the source "**mode key**", i.e., TV, VCR, CBL/SAT/ANT, DVD or AUD.
- Press the destination "**mode key**", i.e., TV, VCR, CBL/SAT/ANT, DVD or AUD.

Note: The ID in the destination mode now is the default ID of the source mode, i.e., VCR mode could become TV2. The unit will blink twice after successful completion of the programming sequence.

- Pressing the same mode key twice after entering **9, 9, 2**, will return key to original mode.

Volume Lock/Unlock

Note: This feature does not apply to any device keys which have been copied using the key copier feature.

The volume controls (**VOLUME ▲**, **VOLUME ▼** and **MUTE**) on the remote can be configured in one of three ways:

- They can be assigned to control a single device regardless of which device mode key is pressed. For example, if the volume controls are "locked" to the TV, pressing the volume controls will adjust the TV volume even if the remote is in **VCR** mode.
- The controls can control each individual device. For instance, the volume controls will adjust the TV volume when the remote is in TV mode, and the cable (or satellite) volume when in **CBL/SAT** mode.
- The volume controls can be assigned to control a single device (as in the first example) then "unlocked" for individual device modes you choose. For example, you want the volume controls to affect only the TV if you are in the **TV** or **VCR** modes, but you want the volume controls to affect your cable box if you change to the **CBL/SAT** mode.

Note: The remote ships from the factory with the volume controls assigned to control the TV regardless of selected device mode (case 1 above).

To "unlock" the volume controls (case 2 above):

- Press and hold the **SETUP** key until the red LED light blinks once, pauses and blinks twice more. Then release the key.
- Enter the digits **9, 9, 3**. The red LED light will blink twice after pressing the **3** key.
- Press the **VOLUME ▲** key. The red LED will blink four times to confirm the volume controls are locked.

To "lock" the volume controls to a particular device (case 1 above):

- Press and hold the **SETUP** key until the red LED light blinks once, pauses, and blinks twice more. Then release the key.
- Enter the digits **9, 9, 3**. The red LED light will blink twice after pressing the **3** key.
- Press the device key (e.g. **TV, VCR, CBL/SAT**) for the device you want to assign the volume controls to. The red LED will blink four times to confirm the volume controls are locked.

To "unlock" the volume controls for a particular device (case 3 above):

- Press the **DEVICE** key for the mode you wish to unlock.
- Press and hold the **SETUP** key until the red LED light blinks once, pauses, and blinks twice more. Then release the key.
- Enter the digits **9, 9, 3**. The red LED light will blink twice after pressing the **3** key.
- Press the **VOLUME ▼** key. The red LED will blink four times the volume controls have been unlocked for that mode.

Channel Scan

For convenient "channel surfing," press the **SCAN** key. This activates the remote to change channels once every three seconds until any key is pressed or until 100 channel changes occur. Channel Scan searches by using two methods: sending the Channel Up command (if found), and by sending the digits 0-9 for repeat cycling for a maximum of 10 iterations.

The modes available for Channel Scan are TV, VCR, CABLE, SATELLITE and DVD.

Functional Key Chart									
Key Label	Mode 1 TV (LR300C, 400C, 500C)	Mode 2 VCR (LR300C, 400C, 500C)	Mode 3 Recoton Antenna (LR300C, 400C, 500C)	Mode 3 SAT (LR300C, 400C, 500C)	Mode 3 CBL (LR300C, 400C, 500C)	Mode 4 DVD (LR400C, 500C)	Mode 5 CD (LR500C)	Mode 5 Amp (LR500C)	Mode 5 Tuner (LR500C)
Setup	Setup	Setup	Setup	Setup	Setup	Setup	Setup	Setup	Setup
POWER	Power	Power	Power	Power	Power	Power	Power	Power	Power
TV	*	*	*	*	*	*	*	*	*
VCR	*	*	*	*	*	*	*	*	*
CBL/SAT/ANT	*	*	*	*	*	*	*	*	*
DVD	*	*	*	*	*	*	*	*	*
AUDIO	*	*	*	*	*	*	*	*	*
GUIDE	---	---	Rotate Left	GUIDE	GUIDE	---	Random	---	Balance Left
MENU	MENU	MENU	Rotate Right	MENU	MENU	MENU	---	SUP	Balance Right
INFO	INFO	---	Memory	INFO	INFO	INFO	---	Delay +	Delay +
EXIT	Exit	Exit	Clear	Exit	Exit	Exit	---	Delay -	Delay -
UP	UP	UP	Right Dipole Left	UP	UP	UP	---	---	SU+
DOWN	Down	Down	Right Dipole Right	Down	Down	Down	---	---	SU-
LEFT	Left	Left	Left Dipole Left	Left	Left	Left	---	Balance left	R Rear-
RIGHT	Right	Right	Left Dipole Right	Right	Right	Right	---	Balance Right	R Rear+
SELECT	Select	Select	Left Dipole Left	Select	Select	Select	---	Select	Select
VOL+	VOL+	VOL+(1)	---	VOL+ (1)	VOL+ (1)	VOL+ (1)	---	VOL+	VOL+
VOL-	VOL-	VOL-(1)	---	VOL- (1)	VOL- (1)	VOL- (1)	---	VOL-	VOL-
CH+	CH+	CH+	---	CH+	CH+	CH+	---	CH+	CH+
CH-	CH-	CH-	---	CH-	CH-	CH-	---	CH-	CH-
MUTE	MUTE	MUTE(1)	---	MUTE(1)	MUTE(1)	MUTE(1)	---	MUTE(1)	MUTE(1)
LAST	PREVIOUS CHANNEL	PREVIOUS CHANNEL	---	PREVIOUS CHANNEL	PREVIOUS CHANNEL	Repeat	---	Repeat	Repeat
Digit 1	DIGIT 1	DIGIT 1	DIGIT 1	DIGIT 1	DIGIT 1	DIGIT 1	DIGIT 1	Tuner	Tuner
Digit 2	DIGIT 2	DIGIT 2	DIGIT 2	DIGIT 2	DIGIT 2	DIGIT 2	DIGIT 2	LD	LD
Digit 3	DIGIT 3	DIGIT 3	DIGIT 3	DIGIT 3	DIGIT 3	DIGIT 3	DIGIT 3	DSP Mode	DSP Mode
Digit 4	DIGIT 4	DIGIT 4	DIGIT 4	DIGIT 4	DIGIT 4	DIGIT 4	DIGIT 4	FM Mono	FM Mono
Digit 5	DIGIT 5	DIGIT 5	DIGIT 5	DIGIT 5	DIGIT 5	DIGIT 5	DIGIT 5	3 channel logic	3 channel logic
Digit 6	DIGIT 6	DIGIT 6	DIGIT 6	DIGIT 6	DIGIT 6	DIGIT 6	DIGIT 6	AUX	AUX
Digit 7	DIGIT 7	DIGIT 7	DIGIT 7	DIGIT 7	DIGIT 7	DIGIT 7	DIGIT 7	TV	TV
Digit 8	DIGIT 8	DIGIT 8	DIGIT 8	DIGIT 8	DIGIT 8	DIGIT 8	DIGIT 8	Phono	Phono
Digit 9	DIGIT 9	DIGIT 9	DIGIT 9	DIGIT 9	DIGIT 9	DIGIT 9	DIGIT 9	ANT	ANT
Digit 0	DIGIT 0	DIGIT 0	DIGIT 0	DIGIT 0	DIGIT 0	DIGIT 0	DIGIT 0	CD	CD
ENTER	ENTER	ENTER	---	ENTER/SELECT	ENTER/SELECT	ENTER	---	---	---
TV/VCR	TV/VIDEO	TV/VCR	---	A/B BYPASS-TV/DSS/TV/SAT	A/B	TV/VCR	---	A-B	Band
SCAN	SCAN	SCAN	SCAN	SCAN	SCAN	Scan	Scan	Scan	Scan
SLEEP	Sleep	---	---	SLEEP	SLEEP	---	---	---	---
FAV Channel	---	---	---	FAV Channel	FAV Channel	---	---	---	---
REW	Punch to VCR(2)	REWIND	---	---	---	REWIND	REWIND	REW	REW
PLAY	Punch to VCR(2)	PLAY	---	---	---	PLAY	PLAY	PLAY	PLAY
FFWR	Punch to VCR(2)	FFWD	---	---	---	FFWD	FFWD	FFWR	FFWR
REC	Punch to VCR(2)	RECORD	---	---	---	---	REC	REC	REC
STOP	Punch to VCR(2)	STOP	---	---	---	STOP	STOP	STOP	STOP
PAUSE	Punch to VCR(2)	PAUSE	---	---	---	PAUSE	PAUSE	PAUSE	PAUSE

NOTES: 1. Volume and Mute will punch through to TV by default. When the volume is unlocked, all the devices will have their own volume if their ID has volume data.
2. Will punch through to VCR.

Note: If above **MODES** have been reassigned, Channel Scan is still valid. For example, if the TV has been reassigned to VCR (TV2), pressing <TV2> <SCAN> will cause Channel Scan to activate. If a mode which does not allow Channel Scan has been reassigned, i.e., VCR (CD2), pressing <CD2> <SCAN> will not cause Channel Scan to activate, because CD is an invalid Channel Scan mode.

Sleep Timer

In the TV, SATELLITE, DVD and CABLE modes, the remote's built-in sleep timer will be activated by pressing the **SLEEP** key when the target device ID does not have a code for sleep. The first press of the **SLEEP** key will activate a 15-minute timer. Additional key presses within 10 seconds will increase the timer value in 15-minute increments, up to a maximum of 60 minutes. Fifth and subsequent key presses will be ignored and the timer will remain at 60 minutes. Each key press is acknowledged by a series of blinks indicating how many increments have been programmed. For example: one blink for the first press, two blinks for the second press, etc.

Sleep timer activates 10 seconds after the last press of the **SLEEP** key. The visible LED will blink approximately once every 15 seconds to indicate that the timer is running. When running, the sleep timer is automatically canceled if any other key on the keypad is pressed. Pressing the sleep key itself initializes the timer sequence to 15 minutes.

When the timer expires, the remote sends the target device's power function, or power off when separate power on and off commands exist.

If your device has a sleep timer function, you may still enable the built-in sleep timer by following the steps outlined below.

1. Press the "**mode key**" of the component for which you want to set the sleep timer (TV, VCR, CBL/SAT/ANT, or DVD).
2. Press down and hold the **SETUP** key until the red LED indicator blinks twice, then release.
3. Enter the digits **9, 7, 0**. The red LED indicator will blink twice.
4. Press the **SLEEP** key once for 15 minutes, twice for 30 minutes, three times for 45 minutes and four times for 60 minutes.

Resetting Sleep Timer to Factory Default

1. Press down and hold the **SETUP** key until the red LED blinks twice, then release.
2. Enter the digits **9, 7, 0**. The red LED indicator will blink four times, indicating that the sleep timer has been reset to the factory default.

Note: If the TV, SATELLITE or CABLE modes have been reassigned, Sleep Timer is still valid provided it is set up on the logical mode. For example, if the TV has been reassigned to VCR (TV2), TV2 is programmed for Sleep Timer. Pressing <TV2> <SLEEP> will cause Sleep Timer to activate.

Low Battery Condition

When the batteries installed in the remote become low on power, the remote will enter in a **LOW BATTERY CONDITION**. While in the low voltage condition, the unit will not operate. This is to protect RAM and user settings. When new batteries are installed, full operation will be restored. The typical duration is 10 minutes.

Stuck Key Time Out

The remote will stop transmitting IR to conserve power upon any key depressed for longer than 30 seconds.

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Customer Info Line

Toll Free 1-800-962-3986

Ligne d'assistance aux consommateurs :

Sans frais 1-800-962-3986

JENSEN®

RECOTON® Canada Ltd.

680 Granite Court

Pickering, Ontario

Canada L1W 4A3

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www.jensen.com

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Jensen 3-in-1 and 4-in-1 Device Code Library

Librairie de codes pour la télécommande 3 et 4 composant en 1 de Jensen

SET-UP CODES FOR JENSEN TV ANTENNA/ CODES DE RÉGLAGE POUR L'ANTENNE DE TÉLÉVISEUR DE JENSEN

Jensen 1165

SET-UP CODES FOR TVs/CODES DE RÉGLAGE POUR LES TÉLÉVISEURS

AOC	0030, 0019	Harman/Kardon	0054	Quasar	0051, 0250, 0055
Admiral	0093, 0463	Harvard	0180	RCA	0047, 0747, 1047, 1147
Aiko	0092	Hitachi	0056, 0145		1247, 1347, 1447
Akai	0030		0016, 0151		0090, 0051, 0093
Alaron	0179	Infinity	0054		0019, 0679, 0018
Ambassador	0177	Inteq	0017	Radio Shack	0047, 0747, 0154
America Action	0180	JBL	0054		0180, 0030, 0178
Ampro	0751	JCB	0000		0056, 0019
Anam	0180	JVC	0053	Realistic	0154, 0180, 0030
Anam National	0055	KEC	0180		0178, 0056, 0019
Audiovox	0451, 0180	KTV	0180, 0030	Runco	0017, 0030, 0603
	0623, 0092	Kenwood	0030, 0019	SSS	0180, 0019
Baysonic	0180	Konka	0707, 0628, 0632	Sampo	0030
Belcor	0019		0638, 0703	Samsung	0060, 0030, 0178
Bell & Howell	0154, 0016	LG	0056		0056, 0019
Bradford	0180	LXI	0047, 0747, 0054	Sansei	0451
Brockwood	0019		0154, 0156, 0178	Sansui	0463
Broksonic	0236, 0463	Logik	0016	Sanyo	0154
CXC	0180	Luxman	0056	Scimitsu	0019
Candle	0030, 0056	MGA	0150, 0030, 0178, 0019	Scotch	0178
Carnivale	0030	MTC	0060, 0030, 0056, 0019	Scott	0236, 0180, 0178
Carver	0054	Magnavox	0054, 1254, 0030		0179, 0019
Celebrity	0000		0179, 0187	Sears	0047, 0747, 0054
Cineral	0451, 0092	Majestic	0016		0154, 0156, 0178
Citizen	0060, 0030	Marantz	0054, 0030		0179, 0056, 0171
	0056, 0092	Matsushita	0250	Semivox	0180
Concerto	0056	Megatron	0178, 0145	Semp	0156
Contec	0180	Memorex	0154, 0250, 0463	Sharp	0093, 0688
Craig	0180		0150, 0178, 0179	Shogun	0019
Crosley	0054		0056, 0016	Signature	0016
Crown	0180	Midland	0047, 0747	Simpson	0187
Curtis Mathes	0047, 0747, 1147		0017, 0051	Sony	0000
	1347, 0054, 0154	Minutz	0021	Soundesign	0180, 0178, 0179
	0051, 0451, 0093	Mitsubishi	0093, 0150	Squareview	0171
	0060, 0030, 0056		0178, 0019	Starlite	0180
	0145, 0016,	Motorola	0093, 0055	Supreme	0000
	0166, 0466	Multitech	0180	Sylvania	0054, 0030
Daewoo	0451, 0019, 0623	NAD	0156, 0178, 0166	Symphonic	0180, 0171
	0624, 0092	NEC	0030, 0056, 0019	TMK	0178, 0056, 0177
Daytron	0019	NTC	0092	TNCi	0017
Denon	0145	Nikko	0030, 0178, 0092	Tandy	0093
Dumont	0017, 0019	Noshi	0018	Tatung	0055
Dwin	0720, 0774	Onwa	0180	Technics	0051, 0250
Electroband	0000	Optimus	0154, 0250, 0166	Technol Ace	0179
Emerson	0154, 0236, 0463,	Optonica	0093	Techwood	0051, 0056
	0180, 0178, 0179, 0019	Orion	0236, 0463, 0179	Teknika	0054, 0180, 0150
	0623, 0624, 0177	Panasonic	0051, 0250, 0055		0060, 0179, 0056
Envision	0030	Penney	0047, 0747, 1347		0019, 0016, 0092
Fisher	0154		0156, 0051, 0060	Telefunken	0056
Fujitsu	0179, 0683		0030, 0178, 0021	Toshiba	0154, 0156, 0060
Funai	0180, 0179, 0171		0056, 0019, 0018		1256
Futuretech	0180	Philco	0054, 0463, 0030	Vector Research	0030
GE	0047, 0747, 1147, 1347		0145, 0019	Victor	0053
	0051, 0451, 0093	Philips	0054	Vidikon	0054
	0178, 0021, 0055	Pilot	0030, 0019	Vidtech	0178, 0019
Gibraltar	0017, 0030, 0019	Pioneer	0166, 0679	Wards	0054, 0030, 0178, 0021
GoldStar	0030, 0178	Portland	0019, 0092		0179, 0056, 0019, 0016
	0056, 0019	Princeton	0717	White Westinghouse	0463, 0623
Gradiente	0053, 0056	Prism	0051		0624
Grunpy	0180, 0179	Proscan	0047, 0747	Yamaha	0030, 0019
Hallmark	0178	Proton	0178, 0466	Zenith	0017, 0463, 0624
Harley Davidson	0179	Pulsar	0017, 0019		0016, 0092

SET-UP CODES FOR VCRs/CODES DE RÉGLAGE POUR LES MAGNÉTOSCOPES

Admiral	0048, 0209	Daewoo	0045, 0278	Hitachi	0000, 0042, 0041, 0105
Adventura	0000		0020, 0561	Hughes Network Systems	0042
Aiko	0278	Daytron	0020	JVC	0067, 0041, 0008
Aiwa	0037, 0000, 0307	Denon	0042	Jensen	0041
Akai	0041, 0106, 0061, 0053	Dynatech	0000	KEC	0037, 0278
America Action	0278	Electrohome	0037	KLH	0072
American High	0035	Electrohome	0037	Kenwood	0067, 0041, 0038
Asha	0240	Emerex	0032	Kodak	0035, 0037
Audiovox	0037	Emerson	0037, 0184, 0000	LXI	0037
Beaumont	0240		0121, 0043, 0209, 0002	Lloyd's	0000, 0208
Bell & Howell	0104		0278, 0479, 0561, 0061	Logik	0072
Broksonic	0184, 0121, 0209		0208, 0212, 0068, 0036	MEI	0035
	0002, 0479		0295, 0361, 0088, 0294	MGA	0240, 0043, 0061
	0295, 0361	Fisher	0047, 0104, 0054, 0066	MGN Technology	0240
CCE	0072, 0278	Fuji	0035, 0033	MTC	0000, 0240
Calix	0037	Funai	0000	Magnasonic	0278
Canon	0035	GE	0035, 0060, 0760, 0048	Magnavox	0035, 0039, 0081
Capehart	0020		0240, 0202, 0761		0000, 0149, 0110
Carver	0081	Garrard	0000	Magnin	0240
Cineral	0278	Go Video	0432, 0526, 0643	Marantz	0035, 0081
Citizen	0037, 0278	GoldStar	0037, 0038	Marta	0037
Colt	0072	Gradiente	0000, 0008	Matsushita	0035, 0162, 0454
Craig	0037, 0047, 0240	Hi-Q	0047	Memorex	0035, 0037, 1037
	0072, 0271	Harley Davidson	0000		0048, 0039, 0047, 0162
Curtis Mathes	0035, 0060, 0760	Harman/Kardon	0081, 0038		1162, 1262, 0000, 0240
	0162, 0041	Harwood	0072, 0068		0104, 0209, 0454, 0479
Cybernex	0240	Headquarter	0046		0046, 0307

SET-UP CODES FOR VCRs/CODES DE RÉGLAGE POUR LES MAGNÉTOSCOPES

Minolta	0042, 0105	Pulsar	0039	Singer	0072
Mitsubishi	0048, 0067	Quarter	0046	Sony	0035, 0032, 1032, 0000
	0043, 0061	Quartz	0046		0636, 0033, 0034, 0253
Motorola	0035, 0048	Quasar	0035, 0162, 1162	Sunpak	0253
Multitech	0000, 0072		0454, 0077	Sylvania	0035, 0081, 0000
NAD	0058	RCA	0035, 0060, 0760, 0048		0043, 0110
NEC	0067, 0104, 0041		0042, 0240, 0149, 0106	Symphonic	0000
	0038, 0040		0202, 0761, 0105, 0077	TMK	0240, 0208, 0036
Nikko	0037		0058, 0060	Tatung	0041
Nikon	0034, 0253	Radio Shack	1037, 0000	Teac	0000, 0041
Noblex	0240	Radix	0037	Technics	0035, 0162
Olympus	0035	Randex	0037	Teknika	0035, 0037, 0000
Optimus	0037, 0048, 1048	Realistic	0035, 0037, 0048	Thomas	0000
	0162, 1062, 1162, 1262		0047, 0000, 0104	Tivo	0618, 0636
	0104, 0454, 0432, 0058		0046, 0062, 0066	Toshiba	0045, 0043, 0212
Optonica	0062	ReplayTV	0614, 0616		0066, 0210
Orion	0184, 0209, 0002	Ricoh	0034, 0253	Totevision	0037, 0240
	0479, 0295	Runco	0039	Unitech	0240
Panasonic	0035, 0225, 0162	STS	0042	Vector	0045
	1062, 1162, 1262, 1362	Samsung	0045, 0240, 0053	Vector Research	0038, 0040
	0454, 0616, 0077	Samtron	0643	Video Concepts	0045, 0061, 0040
Penney	0035, 0037, 0042, 0240	Sanky	0048, 0039	Videosonic	0240
	0038, 0054, 0040	Sansui	0000, 0067, 0209	Wards	0035, 0060, 0760, 0048
Pentax	0042, 0105		0041, 0479, 0271		0047, 0081, 0000
Philco	0035, 0209, 0479	Sanyo	0047, 0240, 0104, 0046		0042, 0240, 0072
Philips	0035, 0081, 1081, 1181	Scott	0184, 0045, 0121		0149, 0062, 0212
	0618, 0062, 0110		0043, 0212, 0210	White Westinghouse	0209, 0072
Pilot	0037	Sears	0035, 0037, 0047, 0000		0278
Pioneer	0067, 0058		0042, 0104, 0046, 0105	XR-1000	0035, 0000, 0072
Polk Audio	0081		0054, 0066	Yamaha	0038
Portland	0020	Semp	0045	Zenith	0039, 0000, 0209, 0479
Profitronic	0240	Sharp	0048, 0062		0033, 0034, 0637
Proscan	0060, 0760, 0202, 0761	Shintom	0072		
Protec	0072	Shogun	0240		

SET-UP CODES FOR CABLE CONVERTERS/CODES DE RÉGLAGE POUR LES CÂBLOSÉLECTEURS

ABC	0003, 0006, 0014, 0017	Hytex	0007	Runco	0000
	0007, 0011, 0013, 0001	Jasco	0015, 0153, 0315	SL Marx	0040
Allegro	0153, 0315	Jerrold	0003, 0476, 0012	Samsung	0144, 0040
Americast	0899		0810, 0276, 0014	Scientific Atlanta	0008, 0477
Antronix	0022, 0207		0015, 0011, 0024		0877, 0017, 0006
Apache	0770	Linsay	0440	Seam	0510
Archer	0153, 0797, 0022, 0207	Magnavox	0027	Signal	0015, 0040
BBT	0267	Memorex	0000	Signature	0011
Belcor	0056	Motorola	1106	Sprucer	0021
Bell & Howell	0014	Movie Time	0063, 0156	StarSight	0422, 0542
Bell South	0899	NSC	0063, 0156, 0070	Starcom	0003, 0015
Cable Star	0056	Nexus	0770	Stargate	0015, 0040
Cabletenna	0022	Novaplex	0618		0797, 0770
Cableview	0022	Oak	0019, 0007	Starquest	0015
Century	0153	Optimus	0021	Sylvania	0001
Citizen	0153, 0315	Panasonic	0000, 0107, 0021	TFC	0310
Colour Voice	0025, 0031	Panther	0637	TV86	0063
Comtronics	0040	Paragon	0000	Tandy	0258
Contec	0019	Philips	0305, 0317, 0153	TeleCaption	0221
Digi	0637		0025, 0031, 0027	Televue	0040
Eastern	0002	Pioneer	0144, 0877	Texscan	0001
Emerson	0797		0533, 0023	Timeless	0418
Everquest	0015, 0040	Popular Mechanics	0400	Tocom	0012, 0013
Focus	0400	Prelude	0770	Toshiba	0000
GC Electronics	0056, 0207	Pulsar	0000	Tusa	0015
Garrard	0153	Quasar	0000	Unika	0153, 0022, 0207
Gemini	0015, 0797, 0070	RCA	0021	United Artists	0007
General Instrument	0476, 0810	Radio Shack	0015, 0315	Universal	0153, 0191, 0022
	0276, 0011		0797, 0883		0056, 0207
GoldStar	0144, 0040	Realistic	0207	Viewmaster	0883
Goodmind	0797, 0770	Recoton	0400	Viewstar	0063, 0258, 0027
Hamlin	0020, 0259, 0009	Regal	0020, 0259, 0273	Zenith	0525, 0000
	0034, 0273	Regency	0002		0899, 0054
Hitachi	0011	Rembrandt	0011, 0070	Zentek	0400

SET-UP CODES FOR SATELLITE RECEIVERS/ CODES DE RÉGLAGE POUR LES RÉCEPTEURS D'ANTENNE PARABOLIQUE

AlphaStar	0772	IQ Prism	0210	RCA	0566, 0143
Chaparral	0216, 0053	JVC	0775		0855, 0392
EchoStar	0775, 1005, 0280	Jerrold	0361, 0627	Radio Shack	0869
Expressvu	0775	Magnavox	0724, 0722	Realistic	0052
GE	0566	Memorex	0724	STS	0210
General Instrument	0361, 0627	Mitsubishi	0749	Samsung	1109
	0869	Next Level	0869	Sony	0639
HTS	0775	Panasonic	0701	Star Choice	0869
Hitachi	0819	Philips	0749, 0724	Toshiba	0749, 0790, 0082
Homecable	0238		0722, 1076	Uniden	0724, 0722
Hughes Network Systems	0749	Primestar	0361, 0627		0052, 0238
IQ	0210	Proscan	0392	Zenith	0858

SET-UP CODES FOR DVD PLAYERS/CODES DE RÉGLAGE POUR LES LECTEURS DVD

Aiwa	0641	Magnavox	0503, 0675	Sony	0533
Apex	0672	Marantz	0539	Technics	0490
Denon	0490, 0634	Mitsubishi	0521	Theta Digital	0571
Fisher	0670	Onkyo	0503	Toshiba	0503
GE	0522	Optimus	0571	Yamaha	0490, 0545
Gradiente	0651	Ontron	0651	Zenith	0503, 0591
Hitachi	0573, 0664	Panasonic	0490, 0677, 0632		
Hiteker	0672	Philips	0503, 0539		
JVC	0558, 0623	Pioneer	0525, 0571, 0632		
Kenwood	0534, 0682	Proscan	0522		
Konka	0711, 0719	RCA	0522, 0571		
	0720, 0721	Samsung	0573		