

Sole Control SC460, SC460R & DSC460 Remote Control Manual

Important note for new owners: Thank you for purchasing this remote. Right now, your remote will not work any device. You will need to program the remote once you install the batteries.

To program the remote, you will need to find the four-digit code number for your device in the Code Listing. There probably is more than one code listed since manufacturers make more than one remote. However, one of them should work your component.

It is important to know that the first code listed isn't necessarily the one that works your component. You may need to try more than one manufacturer code. Keep entering the codes in the remote following the Instructions in this manual.

The remote should work exactly as your original remote did. Enjoy!

If you have any problems please call a customer service representative at the InfoLine toll free at 1-800-962-3986.

POWER UP!

1. On the back of the remote, slide the battery cover off in the direction of the arrow.
2. Install 4 'AAA' alkaline batteries, making sure the + and - marks match the diagram inside.
3. Replace the battery cover.
4. Test batteries by pressing the "xtra" key (in lower right corner) and make sure that the green light comes on above the "Power" key. (Improperly installed batteries may cause acid leakage and/or damage to your unit.)

NOTE:

When you replace dead batteries or take them out, you will need to program your Sole Control.

TV/VCR/CABLE/CD SET-UP:

1. Turn on the component that you want to set up. (TV, VCR, CBL, etc.) In the code listing find the 4-digit code numbers for your component brand.
2. Press the "xtra" key. The green light will come on.
3. Press the key of the component that you want to set up. (TV, VCR, CBL, etc.) The green light will blink once to indicate that the component has been selected, and then stay on.
4. Within thirty seconds, enter in a 4-digit code number. The green light will flash when code has been successfully entered.
5. Test code by pressing "Power" key (Play key for CD). If the component turns off, you've found the right code. Follow the same instructions to set up your other components. If the component doesn't turn off, return to step 2 and use the next 4-digit code listed.

Note: If none of the codes turn your component off, try the Brand Scan Mode, Auto Search Mode or Code Finder Mode.

CHANGING COMPONENT MODES

After the remote has been programmed for multiple components, you must set the remote into the mode of the component you wish to control by pressing the corresponding component key. For example, if you turned on your TV and now would like to turn on your VCR, you must press the "VCR" key to put the remote into the VCR mode before you press "Power."

1. Press the key of the component that you want to control. (TV, VCR, CBL, etc.) If you were successful in changing modes, the green light will blink and the component key will light up.
2. Now you are in control of that particular component.

CODE FINDER FOR TV/VCR ETC.

Code finder is another way of finding the code for your component and having it programmed in the remote. This is done by sending a different code, from the code book list, every time you press a key.

1. Turn on the component that you want to setup. (TV, VCR, etc.)
2. Press the "xtra" key. The green light will come on.
3. Press the key of the component that you want to set up. (TV, VCR, etc) The green light blinks and stays on.
4. Press "0" - "0" - "0" - "0". The green light will stay on for 8 seconds. You must start the next step before the light turns off.
5. Press the "Power" key off and on until your component turns off, waiting 2 seconds between each time you press power. You may have to press the power key more than 200 times before your component turns off.
6. As soon as the remote turns your component off, press the "xtra" key. The component is now programmed. To find that code, proceed (Stored Code Identification Mode).

AUTOMATIC BRAND SCAN FOR TV/VCR/CABLE/CD

Automatic Brand Scan is another way of finding a specific code by manufacturer/brand only. (i. e., to access only Sony Codes use this mode)

1. First, find the brand code that matches your brand. Write it down.
2. Turn on the component that you want to setup. (TV, VCR, SAT, etc...)
3. Place the Remote on a sturdy mount, i. e., table, aim it at a component, Press the "xtra" key.
4. Press the component key that you want to set up (TV, VCR, SAT, etc...), and enter your brand code. The green light will come on and stay on.
5. The Remote will send out the command to turn off your component with long pauses (about 5 sec.) in between each code. Press the enter key as soon as the component turns off. The component is automatically programmed.



Note: The automatic Brand Scan Mode may take several minutes to complete. If the brand of your component is not listed, please use the "All Brand" scan mode listed below

AUTO SEARCH SCAN MODE FOR TV/VCR/CABLE/CD

Automatic Search Scan is used to scan a complete list of all codes (i. e., to access all codes regardless of specific manufacturer/brand.)

THIS MODE IS NOT USED TO PROGRAM YOUR REMOTE.

By counting the number of times your component turns off and on, you will know how many codes there are that may work your component. Each time that your component turns off or on indicates that there is 1 code in the remote.

Example: the TV turns off and later turns back on --- There are "2" codes in the remotes memory that may work your TV.

1. Turn on the component that you want to setup. (TV, VCR, SAT, etc...).
2. Place the Remote on a sturdy mount, i. e., table, aim it at a component, Press the "xtra" key.
3. Press the component key that you want to set up (TV, VCR, SAT, etc...).
4. Enter "0001", by using the numerical keys. The Green light will blink continuously (this is the AUTO SEARCH MODE and can last up to 2 minutes.)
5. If the code for your component is in the memory of the remote it will shut off that component. If there are 2 codes in the remotes memory, the component will come back on.

Count the number of times your component turns on or off The number of times indicates the number of codes that may operate the component

Note: The automatic Brand Scan Mode may take several minutes to complete.

SLEEP/TIMER FUNCTION

Your Remote is equipped and programmed with a SLEEP/TIMER function, separate from your TV or for a TV not equipped with SLEEP/TIMER.

1. Press "xtra" key.
2. Press "TV" key.
3. Press "Power" key.
4. Press numerical keys 01 -99 for the desired number of minutes. When the programmed number of minutes has elapsed, the remote will turn off your TV. (Example: 01=1 minute; 99=99 minutes).
5. Point the remote at your TV, and leave in that position. When the programmed number of minutes has elapsed, the remote will turn off your TV.**

Note: The remote can be used to control all functions and devices while in SLEEP/TIMER mode. To cancel SLEEP/TIMER mode, repeat steps 1-3. Enter the number 00 with the numerical keys to cancel the SLEEP/TIMER mode.

**You must have your remote pointed at your TV for SLEEP/TIMER mode to work properly.

MULTIPLE DEVICES

While In one mode, the remote allows you to use some features of your other components. The following chart lists which functions crossover to other components.

CURRENT MODE	OTHER MODE	CROSSOVER FUNCTIONS
VCR, CBL TV, CBL	TV VCR	Volume Up/Down, Mute Play, Pause, Stop, Fast Forward, Rewind, Record

STORED CODE IDENTIFICATION MODE

Forget your Codes? If you didn't write down the code numbers when you programmed your remote and you haven't removed the batteries, your remote can tell you what your codes are. Just follow these instructions:

1. Press the "Xtra" key.
2. Press the component key for which you would like to know the code programmed. (TV, VCR, SAT, etc...)
3. Press the "ENT" key.
4. Count the number of times the light blinks. There will be four numbers, separated by a two second pause. Make sure you write the code number below for future use!

PRINT THIS PAGE AND KEEP IT IN A SECURE PLACE

TV	_____	_____	_____	_____
VCR	_____	_____	_____	_____
CBL	_____	_____	_____	_____
CD	_____	_____	_____	_____
RCVR	_____	_____	_____	_____
SAT	_____	_____	_____	_____

NOTE: 10 blinks=0, 1 blink=1

Example: 4 blinks-pause- 10 blinks-pause- 9 blinks-pause- 8 blinks; 4098

TROUBLESHOOTING

Problem:

- A. No power in remote (no light).
- B. The green light didn't blink after the code was entered.
- C. Code enters into remote, but the component does not respond.
- D. None of the codes work the component.

Solution:

- A. Check battery installation and freshness. Press "xtra" to see if the green light comes on.
- B. Enter the code within 30 seconds after you press "xtra". Try the code again.
- C. Try the next code on the list. One of the codes should work your component.
- D. After trying all the codes, try the CODE FINDER.

The Remote doesn't seem to be responding.

- * Take out the batteries.
- * With the batteries out press all of the buttons on the front of the remote.
- * Put the batteries back in and start over programming the remote

- * The batteries must be fresh for the remote to program correctly

HELPFUL HINTS:

- * Enter only one three-digit code at a time.
- * The first code listed isn't always the one for your component. Some work better than others, therefore try them all.
- * If none of the codes on the list work, try the CODE FINDER.
- * Enter the code within thirty seconds after pressing 'xtra'.
- * The most often used code for each brand is listed first.
- * If you replace the batteries within 25 minutes after they have been taken out, the Codes which You have programmed will be retained.

30 DAY SATISFACTION GUARANTEE

Recoton Corporation (the Company) warrants to the original retail purchaser of this product, that should you be dissatisfied with this Wireless product for any reason during the first thirty days, we will refund your money. Call 1-800 RECOTON to obtain information regarding the procedure for receiving a refund.

ONE YEAR LIMITED WARRANTY

Recoton Corporation (the Company) warrants to the original retail purchase, of this product that should the product or any part thereof be proven defective in material or workmanship within One Year from the date of original purchase, such defects will be replaced without charge for

parts or labor. This warranty does not apply to any incidental or consequential damages.

To obtain replacement within the terms of this warranty, the product should be delivered, transportation prepaid, to the Dealer where purchased or to the Company, along with proof of date of purchase. Call 1-800-RECOTON to obtain information regarding the procedure for proper return of your product if your Dealer does not honor the warranty.

THIS WARRANTY DOES NOT APPLY TO ANY PRODUCT OR PART THEREOF WHICH HAS BEEN DAMAGED THROUGH ALTERATION, MISHANDLING, MISUSE, NEGLIGENCE OR ACCIDENT. THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, AND NO PERSONS OR REPRESENTATIVE IS AUTHORIZED TO ASSUME FOR THE COMPANY ANY OTHER LIABILITY IN CONNECTION WITH THE SALE OF THIS PRODUCT SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS OR THE EXCLUSION OR LIMITATIONS OF INCIDENTAL OR CONSEQUENTIAL DAMAGE SO THE ABOVE LIMITATIONS OR EXCLUSIONS 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.

NON-WARRANTY SERVICE

If non-warranty service is required, the product may be sent to the Company for repair/replacement, transportation prepaid, by calling 1-800-RECOTON for details, complete instructions, and service fee charges.

TV MODE KEYS/XTRA FUNCTION

Key	Standard	Xtra	Key	Standard	Xtra
0	0 CH10	ch U4 (ch --)	PLAY	Play	PIP Swap
1	1 CH 1	CC	>>	Fast Forward	Menu Adj + (Color +)
2	2 CH2	CH 12 (Norm) Fine Tune Norm	REC	Record	PIP Move
3	3 CH3	CH 13 (Timer)	STOP	Stop	PIP Freeze
4	4 CH4	Antenna (Clk Set)	PAUSE	Pause	PIP Size
5	5 CH5	AV Aux	TV-VCR	TV/VCR (TV/CATV)	TV/CATV
6	6 CH6	Ant/CATV (Menu Reset)	MUTE	Mute	Ant/Aux
7	7 CH7	Ch U1 (FAV 2)	MENU	Menu (Setup) (Input Select)	Cancel (Menu Off)
8	8 CH8	Ch U2 (FAV 3)	<<	Rewind	Menu Adj - (Color -)
9	9 CH9	Ch U3 (FAV 4)	SELECT	Confirm/ Set/Done/OK Return Setup Favorite Channel Channel List Select Source Antenna	Language LD
CH+	CH+	PIP CH + (Fine Tune +) (Scan +) (RTune) (Input +)-	PGM	Prgm (Cancel) (Ch Guide) (Function)	Language Sel

CH-	CH-	PIP CH - (Fine Tune -) (Ch Scan -) (Input -)	UP ARROW	Menu Up/Next (Pict +) (Prog/Preset +) (Contrast +)	Audio + (Bright +)
ENTER	ENTER (Display)	Add (Add/Del)	DOWN ARROW	Menu Dn/Prev (viPict -) (chProg/Preset -) (viContrast -)	Audio - (Bright -)
RECALL	Last Channel	Channel Erase (Favorite Channel)	AUDIO	Audio	Surr Mode
VOL+	Volume +	PIP On (Tint+)	SLEEP	Sleep	Display Time (Strobe)
VOL-	Volume -	PIP Off (Tint-)	VIDEO	Video	MONO/ST Source Stereo

VCR MODE KEYS/XTRA FUNCTION

Key	Standard Function	Xtra Function	Key	Standard Function	Xtra Function
0	CH 0 (0)	CH10 (Speed Sel)	PLAY	Play	Slow Fwd (Play Fast)
1	CH 1 (1)	CH 11 (Play X2) (CH U1)	>>	Fast Forward	Menu Adj + (Frame Fwd)
2	CH 2 (2)	CH 12 (PLAY X3) (Ch U2)	REC	Rec	Slow Speed (Monitor)
3	CH3	CH 13 (Counter) (CH U3)	STOP	Stop	Slow Speed +
4	CH4	CH 14 (Count Mem) (CH U4)	PAUSE	Pause/Still	Still

5	CH5	CH 15 (Count Reset)	TV-VCR	TV/VCR (Ant/VCR) (TV/CATV)	ANT/AUX (Event SEL)
6	CH6	CH 16 (Goto)	MUTE	Mute (1---)	Repeat Play (Index Search)
7	CH7	CH 17 (Index Mark) (Slow 1/10)	MENU	Menu On/Off (Setup)	Cancel (Antenna) (Input SEL)
8	CH8	CH 18 (Index Erase) (Slow 1/7)	<<	Rew	Menu Adjust- (Slow Rev) (Rev)
9	CH9	CH 19 (Auto Track) (Slow 1/5)	AUDIO	Audio Menu (MONO/ST) (Stereo)	Add/Del (Add) (Language Sel)
CH+	Ch +	Tracking+ (Slow Tracking +)	SLEEP	Standby (Sleep) (Timer Off)	Erase (Timer)
CH-	Ch-	Tracking - (Slow Tracking -)	UP ARROW	Menu Up/Next (Rec Start Time +)	P Search Fwd (Set fast +) (Clk Set +) (Rec Length +) (Input +)
ENTER	ENTER	Display CH (Clock)	DOWN ARROW	Menu Dn/Prev (Rec Start Time -)	P Search Rw (Set fast -) (Clk Set -) (Rec Length -) (Input -)
RCL	Last Channel (Favorite Channel)	Clk Set	VIDEO	Video Menu (Menu Off) (Function)	Clear (Reset)
VOL+	Vol +	Index + (Frame Fwd)	VOL-	Vol -	Index - (Frame Rew)

CABLE MODE KEYS/XTRA FUNCTION

Key	Standard	Xtra	Key	Standard	Xtra
0	0/10	Mem/Program0 CH10	PLAY	Play	Mono/Stereo
1	1	Mem/Program1 CH 11	>>	FFWD	Menu Adj +
2	2	CH 12 Mem/Program2	<<	REW	Menu Adj -
3	3	CH 13 Mem/Program3	STOP	Stop	PC
4	4	CH 14 Mem/Program4	MUTE	Mute	Erase
5	5	CH 15 Mem/Program5	TV-VCR	TV/CATV	*
6	6	CH 16 Mem/Program6	AUDIO	Audio	Audio
7	7	Mem/Program7	MENU	Menu On/Off (Function)	Scan +
8	8	Mem/Program8	RCL	Recall (FAVORITE)	Last Channel
9	9	Mem/Program9	SLEEP	Sleep	TCP (Clk Set)
CH+	CH+	Fine Tune+	VIDEO	Video	*
CH-	CH-	Fine Tune-	UP ARROW	Index + (Pict +) (Prgm Edit +)	Speed Next (Slow Fwd)
ENT	ENTER	Add (Add/Del)	DOWN ARROW	Index - (Pict -) (Prgm Edit -)	Speed Prev (Slow Rew)
VOL+	Volume +	Chan Scan+	VOL-	Volume -	Chan Scan-

CD MODE KEYS/XTRA FUNCTION

Key	Standard	Xtra	Key	Standard	Xtra
0	0 (Track 0)	Disc10 (Track 10) (File Level) (ID Start Write)	PLAY	Play	Intro Scan (Rev Play) (AMS)
1	1 (Track 1)	Disc 1 (Track 11) (Side A) (Side A/B)	>>	FFWD	Strobe+ (Frame FWD)

2	2 (Track 2)	Disc 2 (Track 12) (Side B)	REC	REC (Prgm Edit)	Mem Scan
3	3 (Track 3)	Disc 3 (Track 13) (Space) (Side C)	STOP	Stop	Shuffle (Random)
4	4 (Track 4)	Disc 4 (CD Track 14) (Repeat Side A) (Side D) (ID Auto)	PAUSE	Pause	Side A/B
5	5 (Track 5)	Disc 5 (Track 15) Repeat Side B) (ID End Erase)	TV-VCR	TV/Disc	Continue (Repeat)
6	6 (Track 6)	Disc 6 (Track 16) (Repeat 1/All) (Repeat 1) (ID End Write)	MUTE	Mute (Display Mode)	File (Prgm Check)
7	7 (Track 7)	Disc 7 (Track 17) (Mem Scan) (File User) (ID Skip Erase)	MENU	Menu On/Off (Prgm Auto) (Prgm Chk)	Program Exit (Seek) (Language Sel) (Mem Store)
8	8 (Track 8)	Disc 8 (Track 18) (File) (ID Skip Write)	<<	REW	Strobe - (Frame Rev)
9	9 (Track 9)	Disc 9 (Track 19) (File Del) (ID Start Erase)	AUDIO	Audio (Digital/Analog Index)	Audio Monitor (Fade Out) (Peak Srch)
CH+	Skip+	Speed + (Disc +)	VIDEO	Video (Antenna) (Ant A/B)	Fade In (MemCir)
CH-	Skip-	Speed - (Disc -)	UP ARROW	Index + (Pict +) (Prgm Edit -)	Speed Next (Slow FWD)
ENTER	ENTER (Track 10+)	*	DOWN ARROW	Index - (Prgm Edit -) (Pict -)	Speed Prev (Slow REW)
RCL	Last (Track 20+) (Function)	Repeat All Repeat A-B Repeat 1 Clear Repeat	SLEEP	Sleep (Timer) (Track No)	*
VOL+	Volume + Line Out +	Chapter + (Log Fwd/Rev)	VOL-	Volume - Line Out-	Chapter - (Log Fwd/Rev)

AUDIO MODE KEYS/XTRA FUNCTION

Key	Standard	Xtra	Key	Standard	Xtra
0	0	20 (Select FM) (Select AUX)	PLAY	Play	Tape Direction A/B (Reverse Play) (Phono Start)
1	1 (ID Auto) (Select Source 1)	11 (Select AM/FM)	>>	FWD	Menu Adj +
2	2 (ID Start Write) (Select Source 2)	12 (Select TV)	REC	Record Play/Pause	((Auto) Record Mute)
3	3 (ID End Write) (Select Source 3)	13 (Select CD)	STOP	Stop	Phone Stop (Select Tape 3)
4	4 (ID End Write) (Select Source 4)	14 (Select Tape 1)	PAUSE	Pause	Phono Cue
5	5 (ID Start Erase)	15 (Select Tape 2)	TV-VCR	TV/VCR	*

6	6 (ID End Erase)	16 (Select Tuner)	MUTE	Mute (20db)	Mono/Stereo
7	7	17 (Select Phono) (Counter)	MENU	Menu (Function)	Tape Dup (ProLogic) (THX) (Select A & B Speakers)
8	8 (ID Skip Play)	18 (Select VCR 1) (Reset)	<<	Rewind	Menu Adj -
9	9	19 (Select VCR 2) (Select LD)	POWER	Power (On) (Aux On)	Power Off (Aux Off) (Tape Open/Close)
CH+	Preset + (Scan +) (Scan Mode)	Balance Right (Seek +) (Tape Skip >>)	PGM	Select Tape Deck A/B	Search (Select CD Tape)
CH-	Preset- (Scan -) (Seek Mode)	Balance Left (Seek -) (Tape Skip <<)	MENU UP	Menu Up (Tape Size Select)	Select Main (A) Speakers (Timer)
ENT	ENTER		MENU DOWN	Menu Down (Tape Speed Select)	Select Remote (B) Speakers (Timer)
RCL	Recall	Display	AUDIO	Tape Monitor (AMS) (Sub Bass)	Loudness (Karaoke) (Select PreAmp)
VOL+	Vol +	Tape Direction A (Fade In)	SLEEP	Sleep	Select SAT (Select CD 2) (Tape Monitor 2)
VOL-	Vol -	Tape Direction B (Fade Out)	VIDEO	Select A/B... (Preset Group A/B) (Text Display) (Video)	Select LD 2

9	9	19 (Select VCR 2) (Select LD)	POWER	Power (Aux On)	Power Off (Aux Off) (Tape Eject)
CH+	Preset + (Scan +) (Scan Mode)	Delay + (Seek +) (Tape Skip >>) Bass +	PGM	Tape Deck A/B	Surround Left Delay Left + Search Select CD/Tape
CH-	Preset- (Scan -) (Seek Mode)	Delay - (Seek -) (Tape Skip >>) Bass -	MENU UP	Surround + Center Vol. + Balance Front	Center Vol. + Input + Select Front Speakers
ENT	ENTER	Select LD VDP Time	MENU DOWN	Surround - Center Vol. - Balance Rear	Center Vol. - Input - Select Rear Speakers
RCL	Recall	Select DAT Display	AUDIO	Tape Monitor (AMS) (Sub Bass)	Surround Right + Delay Right + (Karaoke) (Select PreAmp) Select Main A Speakers Loudness
VOL+	Vol +	Tape Direction A (Fade In)	SLEEP	Sleep	Surround Left - Delay Left - (Select SAT) Select CD 2 Tape Monitor 2
VOL-	Vol -	Tape Direction B (Fade Out)	VIDEO	Select A/B/... (Preset Group A/B) (Delay)	Surround Right - Delay Right - (Select LD VDP 2) Select remote B Speakers

SURROUND MODE KEYS/XTRA FUNCTION

Key	Standard Function	Xtra Function	Key	Standard Function	Xtra Function
0	0	(Select FM)	PLAY	Play	Tape Direction A/B (Reverse Play) (Phono Start)
1	1 (Source 1)	11 (Select AM/FM)	>>	FWD	Balance Right Menu Adj +
2	2 (Source 2)	12 (Select TV)	REC	Rec	((Auto) Record Mute) Bypass
3	3 (Source 3)	13 (Select CD)	STOP	Stop	Phone Stop Surround Off
4	4 (Source 4)	14 (Select Tape 1)	PAUSE	Pause	Phono Cue Select DAT
5	5	15 (Select Tape 2)	TV-VCR	Function Select AV Alt. Logic	Select AUX Center Front
6	6	16 (Select Tuner)	MUTE	Mute (20db)	Test Mode
7	7	17 (Select Phono) (Counter)	MENU	Surround Mode Center Mode	Tape Dup (ProLogic) (THX) (Select A & B Speakers)
8	8	18 (Select VCR 1) (Reset)	<<	Rewind	Balance Left Menu Adj -

SAT MODE KEYS/XTRA FUNCTION

Key	Standard Function	Xtra Function	Key	Standard Function	Xtra Function
0	0	Aux Antenna	PLAY	Play	Surround Mode Mono Stereo
1	1	Westar	>>	Fast Forward	Menu Adj +
2	2	Telestar	REC	Record/Play/Pause	DNR
3	3	Message	STOP	Stop	
4	4	Text	PAUSE	Pause	
5	5	Help	TV-VCR	TV/SAT	Galaxy
6	6	View	MUTE	Mute	Starcom
7	7	Next	MENU	Menu Tune	Polarity
8	8	Ku/C Ku Band Select	<<	Rewind	Menu Adj -
9	9	C Band Select	SLEEP	Tape Monitor AMS Sub Bass	Volume Left -
CH+	CH+	Fine Tune +	PGM	Select Tape Deck A/B	Language Sel
CH-	CH-	Fine Tune -	MENU UP	Menu Up/Next	Picture + Add
ENT	ENTER	Comstar Clock Timer	MENU DOWN	Menu Dn/Prev	Picture - Erase Clear
RCL	Favorite Last	Comstar	AUDIO	Sleep	Volume Right +
VOL+	Vol +	Skew +	VIDEO	Select A/B/... Preset Group A/B Text Display Video	Volume Right -
VOL-	Vol -	Skew -			

TV CODES

A Mark	4572
AOC	4632 4622 4465 4446 4431 4401
Admiral	4639 4548 4547 4521 4479
Akai	4517 4501 4415 4401
Anam	4417
Anam National	4424
Audiovox	4419

Baycraft	4547 4491 4490 4465
Bell & Howell	4639 4548 4531 4480 4479
Broksonic	4606 4602 4601 4547 4503 4441 4417 4401
CXC	4419 4417
Candle	4632 4614 4608 4606 4602 4574 4573 4572 4516 4505 4494 4490 4489 4477 4465 4446 4431 4417 4401
Citek	4663

Citizen	4602 4573	Magnasonic-	4548 4489 4415 4401
Classic	4501 4401	Also see	
Colortyme	4607 4582 4568 4554 4521 4516 4508 4468 4439 4425	Daewoo/Goldstar	
Concherto	4606	Magnavox	4626 4608 4606 4598 4593 4586 4582 4581 4576 4573 4548 4544 4531 4520 4508 4501 4490 4489 4480 4470 4466 4465 4452 4431 4428 4422 4415 4407 4401 4399
Contec Cony	4590 4514 4472 4419 4417	Marantz	4584 4582 4531 4480 4466 4465 4461 4431 4415
Craig	4602 4516 4490 4486 4452 4419	Matsushita-Also	4555
Crowsley	4531 4480	see Panasonic	
Crown	4572 4490	Megatron-Also	4491
Curtis	4623 4598 4401	see Hitachi	
Curtis Mathis	4641 4614 4574 4572 4531 4521 4516 4480 4465 4439 4431 4415	Memorex	4671 4654 4639 4628 4584 4571 4551 4451 4401
DaeWoo	4664 4655 4633 4632 4623 4598 4574 4573 4572 4494 4465 4446 4431 4424 4401	Mitsubishi	4665 4630 4628 4610 4595 4582 4571 4555 4517 4495 4470 4465 4453 4446 4431 4415 4410 4401
Daytron	4632 4623 4572 4465 4452 4446	Multivision	4656 4543
Denon	4640	NAD	4451
Electrohome	4579 4572 4571 4517 4495 4465 4446 4415 4407 4401	NEC	4607 4568 4567 4466 4465 4461 4431 4415
Emerson	4669 4668 4667 4614 4607 4601 4590 4572 4548 4547 4546 4514 4512 4511 4490 4489 4486 4482 4472 4466 4465 4456 4452 4446 4423 4419 4418 4417 4415 4409 4408 4407 4401	Nikko-Also see	4632
Encore	4579	Daewoo/Goldstar	
Envision	4439 4431	Nishi	4516
Fisher	4515 4594 4585 4560 4551 4534 4519 4504 4501 4473 4459 4458 4454 4432 4415	Nyon	4441 4401
Fortress-Also	see Daewoo	Onwa	4417
Funai-Also see	4489 4442 4419 4417	Optimus-Also	4629
Daewoo		see Radio Shack	
Futuretech	4417	Orion	4547
GE	4641 4624 4596 4521 4520 4505 4465 4461 4441 4438 4436 4434 4426 4424 4417 4413 4401	Panasonic	4672 4655 4651 4632 4618 4611 4610 4520 4494 4487 4486 4484 4466 4443 4438 4434 4424 4419
Garrard	4672	Philco	4632 4626 4606 4598 4593 4586 4582 4581 4576 4573 4548 4544 4531 4508 4490 4489 4480 4470 4466 4465 4452 4431 4428 4422 4415 4407 4401 4399
GoldStar	4622 4621 4600 4584 4574 4572 4479 4477 4465 4446 4439 4431 4420 4401	Philips	4606 4582 4573 4531 4508 4480
Gradiente	4500	Pioneer	4629 4619 4618 4466 4465 4461
Granada	4582 4579 4572 4483	Portland	4623 4574 4572 4465 4446 4431 4401
Grundig	4650 4572 4530 4520 4487 4466	Prima	4649 4574
Hallmark	4401	Prism	4466
Harman Kardon	4401	Proscan-Also	4642 4641 4521
Hitachi	4666 4632 4616 4611 4579 4572 4571 4548 4535 4521 4520 4512 4491 4483 4465 4453 4450 4446 4444	see RCA	
Infinity	4582	Proton	4602 4584 4572 4562 4521 4490 4465 4450 4446 4425 4415 4401
JBL	4582	Pulsar	4632 4601 4600 4584 4465 4425 4401
JC Penney	4621 4585 4584 4572 4521 4520 4516 4505 4484 4441 4434 4431 4401	Quasar	4655 4618 4616 4611 4610 4520 4487 4484 4466 4452 4443 4424
Jensen	4546	RCA	4642 4641 4618 4596 4521 4496 4446 4441 4434
JVC	4573 4549 4536 4520 4515 4494 4474 4446	Radio Shack-	4653 4618 4571 4550 4531 4521 4519
KMC	4590 4572 4565 4564 4465 4446 4423 4417 4412	Also see	4492 4451 4446 4445 4427 4419 4417
KTV	4590 4501 4431 4412	Optimus	
Kawasho	4590 4501 4431 4412	Remocon	4574
Kenwood	4607 4529 4461 4431 4415 4401	Rent-Co	4598
Kloss	4618 4399	Runco	4652
Novabeam		SSS	4431 4417 4415
LXI-Also see	4672 4531 4521 4401	Sampo	4611 4465 4431 4424
Sanyo/Sears		Samsung	4671 4670 4614 4575 4572 4548 4516 4515 4505 4465 4446 4431 4401
Lloyds	4607 4600 4571	Sansui	4492
Logik	4649 4648 4639	Sanyo	4615 4494 4585 4551 4534 4519 4504 4473 4458 4454 4432 4429
MGA-Also see	4639 4628 4517 4415	Scott	4572 4547 4544 4489 4482 4465 4446 4419 4417
Mitsubishi			
MTC	4632 4626 4606 4590 4551 4516 4431 4425 4401		

Sears 4641 4615 4606 4585 4579 4560 4551
 4534 4531 4521 4519 4508 4504 4483
 4473 4469 4459 4458 4446 4441 4432
 4429 4423 4417 4401
Sharp 4643 4631 4622 4608 4607 4575 4572
 4571 4554 4552 4550 4548 4492 4468
 4450 4446 4427
Signature-See 4652 4639 4550 4458
 also Montgomery
Wards
Silver 4415 4401
Simpson 4415 4401
Sony 4657 4607 4569 4501 4497 4463 4446
 4410
Soundesign 4546 4512 4490 4465 4417 4407 4401
Sylvania 4632 4626 4608 4606 4598 4593 4586
 4582 4581 4576 4573 4544 4531 4508
 4490 4489 4480 4469 4466 4465 4452
 4431 4428 4422 4415 4407 4401 4399
Symphonic
Tandy 4672 4489 4419 4418
 4531
Tatung 4602 4455 4424
Technics 4658 4611 4610 4520 4487 4466
 4508 4415
Techwood
Teknika 4663 4639 4632 4600 4490 4465 4461
 4446 4431 4419 4417
Telefunken 4607
TMK 4607 4415 4401
Toshiba 4636 4595 4585 4584 4560 4516 4459
 4458
Totevision 4521
Ultra 4632
Video Concepts 4555 4417
Videokron 4660 4645
Vidikron 4645 4480
Vidtech 4431
Viewmax 4574
Wards 4652 4639 4598 4584 4581 4573 4554
 4548 4521 4516 4492 4490 4489 4480
 4465 4436 4434 4431 4427 4401
 4672 4652 4639
XR 1000 4607 4466 4431
Yamaha
Zenith 4639 4632 4479 4476 4468 4420

VCR CODES

Aiwa 6638 6616
Akai 6691 6676 6623
Beaumarck 6615
Broksonic 6770 6759 6701 6609
Candle 6789 6752 6688 6687 6686 6662 6631
 6627 6621 6615 6609 6604
Canon 6644 6636
Capehart 6790 6632
Citizen 6789 6752 6688 6687 6686 6662 6631
 6627 6621 6615 6609 6604
Colortyme 6771 6731 6729 6704 6636
Craig 6825 6743 6662 6644 6641
Curtis Mathis 6804 6765 6732 6731 6680 6657 6636
 6631 6627 6621 6615 6611
DaeWoo 6790 6789 6788 6752 6888 6632 6610
 6604
Daytron 6790 6752 6632
Denon 6797 6745
Dynatech 6700 6621
Electrohome 6682 6678 6667 6662 6659 6656 6620
 6609

Emerson 6832 6831 6830 6815 6772 6770 6759
 6746 6719 6714 6701 6690 6684 6683
 6682 6662 6652 6638 6631 6625 6621
 6620 6616 6612 6609
Fisher 6803 6743 6733 6705 6700 6696 6690
 6641 6622
Funai 6687 6638 6686 6675 6618 6615 6612
GE 6758 6732 6731 6704 6657 6636 6627
 6623 6615
Genexxa 6638
Go Video 6816 6814
GoldStar 6686 6675 6618 6615 6612
Granada 6682 6620 6609
Hitachi 6818 6758 6706 6700 6697 6654 6640
 6627
Homeline 6662
JC Penney 6711 6662 6654 6636 6619 6615
Jensen 6679
JVC 6811 6783 6782 6772 6771 6748 6726
 6717 6706 6690 6679 6650 6647 6642
 6630 6620 6608 6607 4515
Kenwood 6765 6705 6690 6679 6611
Lloyd 6765 6687 6641 6638
Logik 6727 6644
LXI-Also see 6803 6780 6754 6738 6735 6706 6705
Sears/Sanyo 6696 6690 6688 6665 6662 6654 6641
 6638 6622 6621 6608
Magnasonic- 6752 6662
 Also see
Daewoo/Goldstar
Magnavox 6771 6732 6718 6714 6704 6684 6663
 6646 6644 6638 6624 6621 6609
Magnin 6615
Marantz 6825 6765 6732 6686 6665
Marta 6662
Matsui 6638
Matsushita-Also 6636
 see Panasonic
MEI 6700
Memorex 6743 6738 6733 6690 6666 6662 6654
 6644 6641
MGA-Also see 6620
Mitsubishi
MGN-Also see 6615
Magnin
Midland 6715
Minolta 6654
Mitsubishi 6833 6828 6808 6787 6750 6702 6682
 6678 6667 6662 6659 6656 6620 6609
Montgomery 6694 6682 6666 6662 6642 6641 6638
Wards 6615 6609 6606
MTC 6687 6644 6638
Multitech 6687 6638
NEC 6771 6765 6754 6726 6717 6686 6680
 6679 6665 6658 6611
Optimus-Also 6662
 see Realistic
Optonica-Also 6642
 see Sharp
Panasonic 6835 6804 6771 6732 6731 6718 6716
 6714 6704 6663 6644 6636 6621 6609
 4533
Pentax 6765
Philco 6732 6704 6687 6663 6646 6638 6636
 6609
Philips 6732 6704 664 6636 6621 6609
Pioneer 6826 6795 6614
Portland 6790 6632 6604
Proscan-Also 6801 6800 6793 6792
 see RCA

Proton 6644
Pulsar 6773 6715 6615 6752 6751 6638 6636
Quasar 6804 6732 6731 6718 6663 6636 6609 4533
Radio Shack 6803 6743 6738 6733 6694 6682 6662 6641 6638 6636
RCA 6801 6799 6798 6793 6792 6775 6758 6747 6746 6731 6722 6721 6719 6716 6706 6704 6697 6677 6660 6657 6654 6636 6627 6615 6614 6607
Realistic-See 6738 6733 6732 6705 6696 6694 6638
 also Radio Shack 6615 6613 6606
Samsung 6834 6716 6638 6627 6615
Sansui 6770 6717 6644
Sanyo 6803 6743 6733 6705 6696 6690 6641 6622
Scott 6719 6714 6683 6662 6621
Sears 6803 6780 6754 6738 6735 6706 6705 6696 6690 6688 6665 6662 6654 6641 6638 6622 6621 6608
Sharp 6779 6721 6694 6682 6680 6666 6642 6606 4427
Shintom 6644
Sony 6810 673 6757 6741 6739 6737 6724 6723 6722 6700 6698 6679 6639 6623
Sylvania 6804 6732 6714 6687 6663 6646 6638 6636 6609
Symphonic 6687 6641 6638
Tatung 6679 6608
Teac 6638
Technics 6817 6806 68054 6771 6704 6636
Teknika 6721 6662 6638
Thomas 6638
TMK 6631
Toshiba 6812 6788 6778 6692 6651 6645 6641 6622 6621 6620
Totevision 6804 6662
Unitec 6716
Vector 6765
Research
Video Concepts 6765 6735
XR 1000 6638
Yamaha 6765 6679
Zenith 6809 6698 6691 6675 6662 6633 6623 6609

CABLE CODES

ABC 2285 2269 2264 2258 2254 2218 2216 2213 2211 2210
AIM 2284
Archer 2300 2286 2276 2264
Belcor 2300
BRX 2283
CableView 2279
Century 2264
Citizen 2286 2284 2264 2248
Contac 2317 2311 2291 2277 2275 2271 2249 2215 2214 2212 2205
CPI 2274
Diamond 2275
Eagle 2258
GC Electronics 2298 2289 2286 2248
Gemini 2321 2284 2279 2273
General 2313 2287 2285 2226
Instruments
Hamlin 2317 2275 2217
Hitachi 2285 2283

Jasco 2286
Jerrold 2299 2287 2285 2281 2274 2269 2258 2249 2241 2239 2227 2218 2216 2215 2325
Kodak
Magnavox 2285 2283 2229 2228 2202
Memorex 2264 2258 2220
Monarch 2248
Movie Time 2264 2262 2248 2213
Northcoast 2266
NSC 2264 2262 2213
Oak 2326 2275 2271 2212
Panasonic 2214 2205
Paragon 2264 2258 2220
Philips 2316 2301 2294 2293 2292 2291 2280 2264 2258
Pioneer 2267 2254
Pulsar 2286 2248
Rabbit 2303
Radio Shack 2300 2286 2276 2264
RCA 2310 2239 2212
Recoton 2312
Regal 2275 2217
Rembrandt 2212
Samsung 2254 2248
Scientific 2327 2311 2308 2291 2287 2247 2239
Atlanta 2221 2210
Signal 2284
Signature 2285
Sony 2203
Sprucer 2214 2205
Starcom 2319 2315 2313 2287 2285 2284 2280 2259 2227 2218 2216
Stargate 2297 2284 2248
Sylvania 2307 2283 2250
TeleView 2248
Texscan 2307 2302 2250
Tocom 2269 2262 2214 2213 2212 2211 2210
Trivision 2295
U. S. 2285 2218
Electronics
Unika 2264
United Cable 2241 2216
Universal 2315 2312 2300 2288 2286 2264 2246
Viewstar 2304 2303 2293 2282 2265 2261 2258 2210
Walmart 2312
Wards 2285
X-10 2320
Zenith 2266 2220

CD CODES

Adcom 8777
ADS 8744
Aiwa 8848 8820 8799 8698
Akai 8801
BSR 8720
Carver 8891 8868 8852 8844 8731 8723
Crown 8804
DBX 8715
Denon 8882 8799
Fisher 8868 8850 8797 8754 8753
Garrard 8722
Harman Kardon 8760 8750
Hitachi 8824 8733
JVC 8886 8871 8826 8825 8725 8708
Kenwood 8895 8705 8700 8699
Kyocera 8802
Librarian 8709

Lloyd 8758
Luxman 8878 8876 8807 8793 8792 8791 8790 8778
Magnavox 8894 8882 8877 8831 8723 8696 6636
Marantz 8894 8876 8845 8731 8724 8723 8714
McIntosh 8707
Mission 8857
Mitsubishi 8892
NAD 8869 8770 8721
Nakamichi 8859 8833
NEC 8875
NEC Laser 8767
NSM 8894
Onkyo 8892 8834 8737 8734 8712 8703
Optimus 8868 8838 8827 8773 8771 8759 8728 8726 8725 8717
Ovation 8704
Panasonic 8872 8809 8789 8763 8744
Panasonic Laser 8763
Philips 8894 8857 8829 8724
Philips CDV 8832
Pioneer 8896 8893 8892 8785 8781 8759 8751 6646
Pioneer Laser 8896 8870 8772 8751
Proscan 8742
Quasar 8872 8809 8744
Radio Shack 8867 8838 8837 8827 8817 8810
RCA 8850 8742 8729
Realistic 8868 8827 8824 8728 8724
Rotel 8877 8762
Sansui 8788 8778
Sansui CDV 8832
Scott 8835
Sears LXI 8816
Sharp 8880 8736
Sherwood 8867 8838 8817 8810
Shure 8748
Sonoko 8879
Sony 8899 8887 8879 8848 8820 8799 8783 8779 8769 8764 8759 8711 8710
Sure 8748
Sylvania 8894
Teac 8848 8842 8803 8782 8773 8743 8741 8740 8732 8721
Technics 8872 8809 8803 8744 8701
Toshiba 8806
Yamaha 8873 8866 8847 8796 8757 8750 8747 8746 8706 8697
Yamaha Laser 8883 8794

RCVR CODES

ADS 9924
Acoustic Research 9866
Adcom 9911 9884
Aiwa 9983 9976 9972 9921 9916 9915 9833 9816 9815 9814 9813 9808 9800 9769 9795
Antique Appartus 9798
Audio Source 9853
BSR 9853
Carver 9961 9876 9875 9817 9789
Craig 9990
Curtis Mathes 9856
Denon 9968 9958 9955 9887 9886 9845 9842 9841 9797
Fisher 9951 9930 9914 9874 9857 9854 9803

Fosgate 9781 9870 9819 9781
GE 9757
Gradiente 9751
Harman Kardon 9944 9941 9873 9872 9804
Hitachi 9940 9820
JVC 9931 9904 9903 9889 9855 9805 9763 9762
Jensen 9980 9965 9759
Kenwood 9950 9894 9893 9788 9761 9760
Koss 9981
Krell 9959
Lexicon 9871 9840
Linn Wakonda 9879
Luxman 9987 9970 9964 9960 9953 9920 9919 9789 9788 9774 9773 9821 9806 9927 9882 9868 9830 9946 9932 9909 9873 9872 9868 9867 9838 9817 9778 9754 9874 9954 9947 9825 9780 9755 9971 9918 9905 9923 9792
NEC 9978
Naim 9908 9879
Nakamichi 9979 9929 9787
Nikko 9933
Onkyo 9982 9943 9869 9837 9832 9829 9826 9810 9777 9768
Optimus-Also see Radio Shack 9996 9962 9952 9949 9956 9836 9815 9809 9750 9749
Panasonic 9992 9991 9955 9909 9793
Paramount 9859
Parasound 9818
Philips 9998 9946 9912 9891 9939 9920 9919 9892 9857 9856 9847 9846 9836 9809 9799 9758
Pioneer 9917 9839
Proscan 9955 9909 9793
Quasar 9917 9900 9839 9802
RCA 9949 9948 9925 9844
Radio Shack- Also see
Optimus 9771 9770
Revox 9934
Rotel 9785
SSI 9967 9881
Samsung 9994 9993 9926 9853
Sansui 9930 9926 9906 9874
Sanyo 9969 9913 9844 9812 9811
Scott 9973
Sears 9880
Seiko 9880
Instruments Inc.
Sharp 9995 9952 9827
Sherwood 9949 9948 9878 9791 9753
Shure 9801
Sony 9989 9987 9986 9985 9983 9950 9935 9928 9899 9896 9895 9865 9863 9858 9849 9845 9824 9807 9752
Soundesign 9907
Teac 9997 9938 9844 9767 9766 9765
Technics 9955 9945 9862 9793 9786
Toshiba 9977 9823 9822
Yamaha 9988 9975 9950 9902 9860 9851 9850 9848 9831 9796 9790 9779 9756 9877 9990 9963
Zenith 9990 9963
RED = Should be used for Audio with Surround Sound

SATELLITE CODES

Chaparral 3343 3319
Drake 3353 3347 3344 3337 3335 3331 3323
3301
DX 3345 3333
Communications
Echostar 3348 3340 3332 3320
Equus 3338
Fujitsu 3311
General 3346 3315 3308 3306 3304
Instruments
HTS 3341
Intersat 3342
Janeil 3311
Kenwood 3313
Legend 3320
M/A Com 3315 3308 3302 3301
Panasonic 3300
Pansat 3352 3322

Primestar 3333
Quick Draw 3345
Radio Shack 3314 3306 3304
RCA 3351
Realistic 3314
Rural Cable 3304
Sony 3356
Star Trak 3355 3354 3310 3309
STS 3307
SuperGuide 3317
Tee-Com 3357
Toshiba 3315 3301
Uniden 3339 3336 3330 3321 3317 3316 3314
3312 3305 3303
Video Pall 3311
Viewstar 3350
Zenith 3311

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