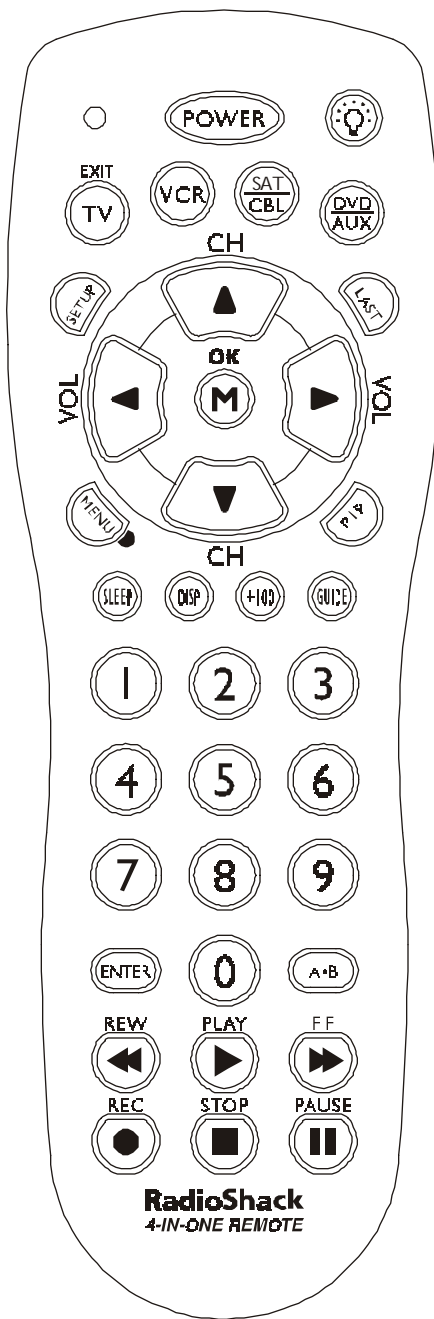




RadioShack



### Introduction

Thank you for buying a RadioShack Remote Control. You can use your remote to replace a broken or lost remote or combine the functions of two or more remotes.

This remote control operates the common features of most (but not all) models and brands of IR (Infrared) controlled video equipment. This remote may support functions that are not available on your device. Some functions of your particular device (such as menu functions) may not be controlled by this remote. In such cases, use the original remote control for your device.

Please use this manual to become familiar with your remote, then install batteries and set up your remote for your particular device and brand.

### Battery Installation

1. Push down on the tab on the back of the remote and lift off the cover.
2. Match the batteries to the + and - marks inside the battery case, then insert 4 AAA alkaline batteries.
3. Replace the cover.

When the remote's range decreases or it does not operate properly, replace the batteries. You have 2 minutes to change the batteries without losing codes you have programmed. However, do not press any buttons until batteries are installed. If buttons are pressed without batteries in the remote, all codes will be lost.

### Battery Saver

Your remote automatically times out if the buttons are pressed more than 30 seconds. This will save your batteries should your remote get stuck in a place (for example, between sofa cushions) where the buttons remain pressed.

### TV Volume/Mute Punch-Through

The TV Volume/Mute punch-through feature lets you control the Volume and Mute function of your TV in any mode programmed to be a VCR, DVD, Cable, or DBS device without changing to TV mode.

### TV/VCR Punch-Through

VCR Punch-through is only available in TV mode and any mode programmed for Cable, the 6 VCR keys (Play, Pause, Stop, Record, FF and Rewind) will punch-through to the device programmed under VCR (in TV mode), or any mode programmed for Cable.

### Button functions

The remote powers on in TV mode.

- A-B** Operates as TV/Video, TV/VCR, etc., depending on mode.
- PIP** Operates your television's Picture-in-Picture feature if available.
- Disp** Displays device on-screen status information.
- Enter** Used to enter channel numbers for some devices.
- Backlight** Lights up the buttons on the remote when pressed.
- Menu** Puts the remote in Menu mode and displays the menu on the TV. The indicator light blinks continuously to indicate the remote is in Menu mode, VOL UP/DOWN keys operate as cursor right/left, CH+/- keys operate as cursor up/down, and Mute operates as OK. Press any mode key to exit Menu.
- Guide** Displays on-screen Satellite Channel Guide. To use the cursor keys in Guide screens, activate Menu Mode (above) then press **Guide**. The same keys are now available for Guide as described above for Menu Mode.
- Last** Goes to last channel viewed.
- 100+** Press first, then enter the number for channels higher than 100.

Note: Some buttons on the remote might have functions that are labeled differently on the device you are controlling, depending on the brand and model of your device. For example, Last may be called RECALL or Previous Channel; ENTER may be called DISPLAY. Also, this remote can only operate features that exist on your device. For example, your device must have Previous Channel capability for the Last button to operate this feature.

### Code Setup

The Setup button is used to set up the remote. You can set up the remote using the code for your brand of device from the code list, or search through the library of codes until you find a code that works for your device.

You can store any kind of code under any mode (except TV). For example, you can store a VCR code under the DBS key, or a DVD code under the VCR key, etc. However, you can only store TV codes under the TV key.

### Direct Code Entry

1. Press and hold the Setup button until the red indicator stays on. Release the Setup button.
2. Press and release the desired mode button (TV, VCR, etc.). The red indicator blinks, then stays lit.
3. Enter the 3 digit code from the code list.  
Note: The red indicator turns off after a valid code entry and flashes for an invalid code.
4. With your device on, press Channel Up. If the device responds, no further setup is required.  
Note: If some buttons on your device do not operate, try one of the other codes for your brand.

### TV/VCR and TV/DVD Combo units

For some TV/VCR and TV/DVD combo units, you might need to set up two different buttons to control both parts of the combo unit. (See "Direct Code Entry.") For example, set up a code under the TV button to control the TV part of the combo unit AND a separate code for the VCR or DVD under any other button you choose.

### Programming with Code Search

1. Manually turn on the device (TV, VCR, etc.) to be controlled.
2. Press and hold the Setup button until the red indicator stays on. Release the Setup button.
3. Press and release the desired mode button (TV, VCR, etc.). The red indicator blinks, then stays lit.
4. Press the Channel Up button repeatedly (up to 300 times) until the device to be controlled changes channels. The red indicator blinks, then stays lit.

If you accidentally overshoot the desired code, press the Channel Down button to backtrack through the library until the device changes channels. Pressing Channel Up changes the direction to forward again. Press and release the Enter button to set the code. If the device does not have a Channel Up button, use Play (VCR or DVD) or Power instead.

The Code Search method above assumes that you want to store VCR codes under the VCR button, DVD codes under DVD, etc. If you want to store a VCR code under DVD, first follow the procedure for "Direct Code Entry" on page 3, trying any DVD code from the code tables (that is, press DVD in step 2, then enter any VCR code). Then follow the steps for Code Search above.

### Operation

1. Press the mode button for the desired device.
2. Aim the remote at the device.
3. Press POWER to turn on the device.
4. Press other buttons to operate the features of your device.

Note: The REC button must be pressed TWICE to record from your VCR. For some brands of VCRs, you might need to press the REC button once, then press it again for three seconds.

### Code Identification

1. Press and hold the Setup button until the red indicator stays lit. Release the Setup button.
2. Press and release the desired mode button (TV, VCR, etc.). The red indicator blinks, then stays lit.
3. Press and release the Setup button. The indicator light blinks off.
4. To find the first digit for the code stored under the mode key you pressed in step 2, press each numeric key from 0-9 in turn. When the indicator blinks off, the number you pressed is the first digit for the code you are searching for.
5. Repeat step 4 to find the second and third digits.

### Sleep Timer

The Sleep Time enables the remote to turn off the TV after a period of 1 to 99 minutes. The remote must be in TV mode to set a Sleep Timer. This feature works even if your TV does not have a sleep feature.

1. Press and release the TV mode key.
2. Press and hold the Sleep button until the LED remains lit (about 2-3 seconds).
3. Release the Sleep button.
4. Press and release the numeric keys (01-99) for the time required. The LED will blink off to indicate keypress acceptance.
5. TV Sleep Timer is set.
6. **Leave the Remote pointing towards the TV with an unobstructed path.**

To cancel the Sleep Timer, press and hold the Sleep key until the LED blinks, or press and release the Power key in TV mode.

### Troubleshooting

#### Remote does not operate your device.

- Press the mode button of the device you want to control.
- Program the remote with a new code.
- Install new batteries. (You might have to reprogram your remote after installing new batteries.)
- Remote may not be compatible with your device.

#### Remote does not operate some features of your device.

- Program remote with a new code.
- Remote may not be able to operate all features of your device or button names might be different than your device.

#### Indicator light blinks after you program a device code.

- Remote did not accept the code.
- Try to program the code again or try a different code.

### Limited Ninety-Day Warranty

This product is warranted by RadioShack against manufacturing defects in material and workmanship under normal use for ninety (90) days from the date of purchase from RadioShack company-owned stores and authorized RadioShack franchisees and dealers. EXCEPT AS PROVIDED HEREIN, RadioShack MAKES NO EXPRESS WARRANTIES AND ANY IMPLIED WARRANTIES, INCLUDING THOSE OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED IN DURATION TO THE DURATION OF THE WRITTEN LIMITED WARRANTIES CONTAINED HEREIN. EXCEPT AS PROVIDED HEREIN, RadioShack SHALL HAVE NO LIABILITY OR RESPONSIBILITY TO CUSTOMER OR ANY OTHER PERSON OR ENTITY WITH RESPECT TO ANY LIABILITY, LOSS OR DAMAGE CAUSED DIRECTLY OR INDIRECTLY BY USE OR PERFORMANCE OF THE PRODUCT OR ARISING OUT OF ANY BREACH OF THIS WARRANTY, INCLUDING, BUT NOT LIMITED TO, ANY DAMAGES RESULTING FROM INCONVENIENCE, LOSS OF TIME, DATA, PROPERTY, REVENUE, OR PROFIT OR ANY INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, EVEN IF RadioShack HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. 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 limitations or exclusions may not apply to you. In the event of a product defect during the warranty period, take the product and the RadioShack sales receipt as proof of purchase date to any RadioShack store. RadioShack will, at its option, unless otherwise provided by law: (a) correct the defect by product repair without charge for parts and labor; (b) replace the product with one of the same or similar design; or (c) refund the purchase price. All replaced parts and products, and products on which a refund is made, become the property of RadioShack. New or reconditioned parts and products may be used in the performance of warranty service. Repaired or replaced parts and products are warranted for the remainder of the original warranty period. You will be charged for repair or replacement of the product made after the expiration of the warranty period. This warranty does not cover: (a) damage or failure caused by or attributable to acts of God, abuse, accident, misuse, improper or abnormal usage, failure to follow instructions, improper installation or maintenance, alteration, lightning or other incidence of excess voltage or current; (b) any repairs other than those provided by a RadioShack Authorized Service Facility; (c) consumables such as fuses or batteries; (d) cosmetic damage; (e) transportation, shipping or insurance costs; or (f) costs of product removal, installation, setup service adjustment or reinstallation. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. RadioShack Customer Relations, 200 Taylor Street, 6th Floor, Fort Worth, TX 76102

Custom Manufactured in China for RadioShack, Ft. Worth, TX 76102.

**Cat. No. 15-2114 A] Code List**

<b>TV</b>	ELEKTRA ..... 001	MAGNAVOX ..... 004 008	PULSAR ..... 121	TELECAPTION ..... 117	DAYTRON ..... 335	MGA ..... 254 290	REPLAY ..... 373	<b>Cable</b>	SIGNATURE ..... 463	ONKYO ..... 422	NORSTAT ..... 601 602	FISHER ..... 667 675	SYLVANIA ..... 666
	ELECTROBAND ..... 002 014	..... 009 062 068 069 074 075	PULSER ..... 004	TELERENT ..... 000 001	DBX ..... 234 348	MGN TECHNOLOGY ..... 238	RICOH ..... 353	ABC ..... 461 462 463	SL MARX ..... 474	OPTIMUS ..... 404 439	PACE ..... 614 615 646	..... 676 677 718	SYMPHONIC ..... 709
ABEX ..... 185	ELECTROHOME ..... 003 004	..... 076 077 089 133 163 165	QUASAR ..... 003 054 055 062	TERA ..... 004 186	DIMENSIA ..... 225	MIDLAND ..... 278	RUNCO ..... 329	..... 464 465 466 467	SPRUCER ..... 460	ORITRON ..... 415	PANASONIC DSS ..... 586 626	GE ..... 725	TEAC ..... 676 689 699
ACME ..... 003 021	..... 009 022 133	MAJESTIC ..... 000 001	..... 070 148 149 170 171	TMK ..... 004 009	DYNATECH ..... 227 251	MINOLTA ..... 280 332	SAMSUNG ... 230 238 240 258	ALLEGRO ..... 524 525	STANDARD COMPONENTS	PANASONIC ..... 400 401	PRIMESTAR ..... 627 640	GENEXXA .. 672 673 678 719	..... 709 710 711 856
ADA ..... 018	EMERSON ..... 004 009	MARANTZ ..... 004 009 062	RADIO SHACK .. 000 004 009	TOSHIBA .... 013 049 089 105	ELECTROHOME ..... 239 254	..... 254 276 377	..... 278 280 337 354 359	AMERICAST ..... 527	STARCOM ..... 461 467 478	PHILIPS ..... 398 408 423	PHILIPS ..... 576 612 639	GOLDSTAR ..... 720	TECHNICS .. 716 733 820 862
ADC ..... 004 002	..... 014 023 024 025 026 027	MEGATRON ..... 004 009 059	..... 031 041 042 048 049 053	..... 109 117 118 120 159 178	ELECTROPHONIC ..... 239	..... 280 290 291 293 294	SANKY ..... 226 329	ANTRONIX ..... 468 469	STAR GATE ..... 474 478	PIONEER ..... 404 439	PHILIPS/MAGNAVOX ... 576	HARMAN KARDON 680 691	THETA DIGITAL ..... 731
ADMIRAL ..... 001 173	..... 030 032 033 034 035 036	MEI ..... 014	..... 095 133 155 170 172 194	UNIVERSAL ..... 052 087	EMERSON .. 227 231 237 239	..... 295 296 298 299 348	SANSUI ..... 317 336 348	ARCHER ..... 468 469 470 471	STAR SIGHT ..... 520	PROSCAN ..... 403	..... 612 639	HITACHI ..... 678	TOSHIBA ..... 721
ADVENTURA ..... 174	..... 037 038 039 040 041 042	MEMOREX ..... 000 001 004	RCA ..... 000 003 004 005 007	VICTOR ..... 079	..... 240 246 249 250 251	MONTGOMERY WARD . 226	SANYO ..... 238 248 267 268	AT&T ..... 511	STAR SIGHT CABLE	RADIOSHACK ..... 342 443	PIONEER ..... 584	INKEL ..... 681	VICTOR ..... 682
AIKO ..... 058	..... 043 045 046 049 053 116	..... 009 046 049 051 135	..... 009 011 048 078 082 083	VICTOR ..... 004 005 009	..... 254 255 256 257 258	..... 240 246 249 250 251	SCOTT ..... 237 240 250 257	CABLETENNA ..... 468	SERVICE ..... 507	RCA ..... 342 403 430 443	PROSCAN ..... 622 636	JC PENNEY ..... 690 777	YAMAHA ..... 665 712
AIWA ..... 195 196	..... 135 147 177 179	MGA ..... 004 005 009	..... 094 096 098 099 101 102	VIKING ..... 174	..... 259 260 261 262 263	MOTOROLA ..... 226 246 285	..... 263 290 318 341	CABLEVIEW ..... 468	STARQUEST ..... 478	SAMSUNG ..... 407	RCA DSS ..... 636 649 652 653	JVC ..... 682 813	..... 713 724 846
ALLERON ..... 046	ENVISION ..... 004 009	..... 022 046 133 180	..... 103 107 113 129 133 167	WARDS 000 001 004 005 009	..... 264 265 266 268 269	MTC ..... 227 238 251	SEARS ..... 239 246 248 268	CENTURY ..... 471	STAR TRAK ..... 516	SAMPO ..... 417	REALISTIC ..... 567 603	KENWOOD ..... 683 684 685	ZENITH ..... 676 730
AMARK ..... 020	FISHER 013 049 050 180 209	MIDLAND ..... 054 055 107	..... 179 181 187 188 194	..... 024 031 033 046 052	..... 270 272 285 290 330 341	MULTITECH ..... 227 238	..... 273 274 275 280	CITIZEN ..... 471	TANDY ..... 500	SEG ..... 428	SAMSUNG ..... 594	..... 727 728 828	..... 759 784 850
AMTRON ..... 053	FUJITSU ..... 046 197	..... 121 172 181	REALISTIC.000 004 009 031	..... 062 068 069 074 075	FISHER ..... 234 248 267 268	..... 251 278 286	SHARP ..... 226 227 242 254	CITYZEN ..... 471	SHARP ..... 397	SHARP ..... 428	SCIENTIFIC ATLANTA . 607	KRELL ..... 666	
AKAI ..... 002	FUNAI ..... 042 053 046	MINUTZ ..... 052	..... 041 042 048 049 053	..... 076 087 095 119 133	..... 273 274 275 287	NEC ..... 234 241 249 268 289	SHARP ..... 226 227 242 254	COLOUR VOICE ..... 472 473	SHERWOOD ..... 425	SHARP ..... 425	SHARP ..... 604	KYOCERA ..... 660	<b>Audio</b>
AMSTRAD ..... 189	FUTURETEC ..... 042 053	MITSUBISHI ..... 004 005	..... 095 133 155 170 172	WHITE WESTINGHOUSE ...	FUJI ..... 229 246 285	..... 301 302 303 336 348	SHINTOM ..... 300 360 361 367	COMTRONICS ..... 474 475	SHINCO ..... 430	SHINCO ..... 430	"SIERRA I II III" ..... 561	LUXMAN ..... 686 687 729 738	
ANAM NATIONAL ..... 003	GE ..... 000 003 004 009 022	..... 009 022 046 081	RHAPSODY ..... 014	..... 097 100	FUNAI ..... 227 233 251	NIKKO ..... 239	SHINTOM ..... 229 280	CONTEC/CONY ..... 499	SONY ..... 476	SONY ..... 399	SONY DSS ..... 585 623	LXI ..... 672 777	AIWA ... 839 842 851 860
..... 025 042 053 193	..... 031 044 052 054 055 087	..... 089 132 133 180	RUNCO ..... 121	YAMAHA ... 004 005 009 133	GARRARD ..... 251	NOBLEX ..... 238	SHINTOM ..... 286 353 357	EASTERN ..... 477	TEAC ..... 404 439	TEAC ..... 404 439	STARCHOICE ..... 627 640	MAGNAVOX ..... 666 731 800	CARVER ..... 825
AOC ..... 004 005 007 009	..... 092 103 107 125 164 181	MONTGOMERY WARD . 000	SAMPO ..... 004 009 172 175	ZENITH ..... 000 001 004 023	GE ..... 225 238 246 278	OLYMPUS ..... 246 285	SHOGUN ..... 238	GARRARD ..... 471	THETA DIGITAL .... 404 439	THETA DIGITAL .... 404 439	STAR SIGHT ..... 633	MARANTZ . 666 688 689 732	CITIZEN ..... 826
..... 014 132 156 175	GIBRALTER ..... 004 121	SAMSUNG ... 004 005 009 015	SAMSUNG ... 004 005 009 015	..... 038 058 059 064	..... 285 340 342 345	OPTIMUS ..... 226 239 334	SIGNATURE ..... 227	GC ELECTRONICS ..... 469	TOSHIBA ..... 398 436	TOSHIBA ..... 398 436	STAR TRAK ..... 608	MCS ..... 690 777	DENON ..... 803 817
ARCHER ..... 020	GOLDSTAR ..... 004 005 009	MOTOROLA ..... 003 173	..... 104 105 106 109 133 172	..... 121 135 136 153	GOLDSTAR ..... 234 239 346	..... 359 361 362 363	SINGER ..... 246 285 286	GEMINI ..... 478 479	TV86 ..... 442	TV86 ..... 442	STS ..... 568 569 570 571	MGA ..... 691	FISHER ..... 814 821
AUDIOVOX ..... 053	..... 056 057 133 155 156 172	MTC ..... 004 005 009	SAMSUX ..... 009	VCR	GRADIENTE ..... 251	OPTONICA ..... 300 359	SONY ..... 229 324 353	GE ..... 549	UNIKA ..... 468 469 471	UNIKA ..... 468 469 471	SUPER GUIDE ..... 609	MISSION ..... 666	GOLDSTAR ..... 766
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BELL & HOWELL ..... 000	HARVARD ..... 053	MULTIVISION ..... 084	..... 108 110 180 209	ADVENTURA ..... 251	HARMAN KARDON 234 293	..... 340 350 363 373 374	SYLVANIA ..... 227 251 285	..... 518 528 529 530 531	UNIVERSAL ..... 468 469	UNIVERSAL ..... 468 469	NAKAMICHI ..... 693 794 831	MITSUBISHI ..... 691 692	HARMAN KARDON 804 818
..... 001 049	HITACHI ..... 001 004 009	NAD ..... 004 009 109 185	SCOTCH ..... 004 009	ADVENTURA ..... 251	HARWOOD ..... 286	PENTAX ..... 241 280 332 345	..... 287 290 340 349	HAMLIN ..... 480 481 482	UNIVERSAL ..... 470 471 502	UNIVERSAL ..... 470 471 502	NAKAMICHI ..... 693 794 831	NEC ..... 690	KENWOOD ..... 683 808
BRADFORD ..... 053	..... 013 059 061 079 088	NEC ..... 003 004 005 009	SCOTT ..... 004 009 024	ADVENTURA ..... 251	HEADQUARTER ..... 268	PHILCO ..... 246 285 287 340	SYMPHONIC ..... 227 236 251	HITACHI ..... 463	VIDEOWAY ..... 504	VIDEOWAY ..... 504	JVC ..... 790 813 819	NEC ..... 690	KENWOOD ..... 683 808
BROKSONIC ..... 136 147	..... 091 137 139 140 141 142	..... 010 085 089 095	SEARS .. 000 004 009 013 031	AIWA ..... 227 245 251 269	HITACHI ..... 227 280 282 332	PHILIPS ..... 246 285 287 340	TANDY ..... 227 268	HYTEX ..... 462	VIEWSTAR . 475 485 487 500	VIEWSTAR . 475 485 487 500	..... 796 814	NSM ..... 666	MARANTZ ..... 688 824
BROKWOOD ..... 004	..... 143 144 145 146 179 210	NIKEI ..... 042	..... 046 049 105 107 109	AKAI ..... 228 229 230 231	..... 336 345 347 369 370	PHILIPS ..... 246 285 287 288	TASHIKO ..... 239	JASCO ..... 471	VIDEO TECH ..... 550	VIDEO TECH ..... 550	ONKYO ..... 695 696 722 811	ONKYO ..... 667 668 672 678	ONKYO ..... 805 811 812
CANDLE ..... 004 008 009 174	IMA ..... 053	NIKKO ..... 004 009 058	..... 046 049 105 107 109	..... 233 254 336 337	HI-Q ..... 248	..... 300 328 331 333	TATUNG ..... 336	JERROLD ... 461 463 464 465	ZENITH ..... 486 488 503 517	ZENITH ..... 486 488 503 517	OPTIMUS ... 667 668 672 678	OPTIMUS ... 667 668 672 678	OPTIMUS ... 667 668 672 678
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..... 042 053 058 105 109 177	JC PENNY ..... 000 004 005	ORION ..... 035 121 135	SIMPSON ..... 008	BELL & HOWELL ..... 268	..... 268 280 285 332	PORTLAND 241 242 244 335	TEKNIKA ..... 227 239 246	NSC ..... 462 487	..... 462 487	NSC ..... 462 487	DRAKE ..... 562 574 587	DRAKE ..... 562 574 587	DRAKE ..... 562 574 587
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CLASSIC ..... 042	..... 052 054 055 063 087	..... 062 070 148 149 170 171	SONY ..... 002 006 071 128	BROKSONIC ..... 237 250	JENSEN ..... 280 336	PROSCAN ..... 225	TEKNIKA ..... 227 239 246	PACE ..... 532	..... 532	PACE ..... 532	CHEYENNE ..... 561	CHEYENNE ..... 561	CHEYENNE ..... 561
COLORTYME ... 004 009 010	..... 105 107 109 172 181	PHILCO ..... 003 004 005 008	SOUNDESIGN ... 004 008 009	..... 256 289 310	JVC ..... 234 247 268	PULSAR ..... 329	TEKNIKA ..... 227 239 246	PANASONIC ..... 460 508	DAEWOO ..... 440 441 444	PANASONIC ..... 460 508	DRAKE ..... 562 574 587	DRAKE ..... 562 574 587	DRAKE ..... 562 574 587
CONCERTO ..... 004 009	JENSEN ..... 004 009	..... 009 062 068 069	..... 042 053 046	CALIX ..... 239	..... 336 348 376 377	QUARTER ..... 268 374	TEKNIKA ..... 227 239 246	PARAGON ..... 486	DENON ..... 400 421	PARAGON ..... 486	DISH NETWORK ..... 588 589	DISH NETWORK ..... 588 589	DISH NETWORK ..... 588 589
CONCIERGE ..... 121	JVC ..... 013 054 055	..... 074 075 077 133	SPECTRAVISION ..... 203	CANDLE ..... 234 238 239	KENWOOD ..... 234 241	QUARTZ ..... 268	TEKNIKA ..... 227 239 246	..... 590 613 628 647 648 654	PIONEER ..... 305	..... 590 613 628 647 648 654	CHEYENNE ..... 561	CHEYENNE ..... 561	CHEYENNE ..... 561
CONTEC/CONY ..... 012 013	..... 060 065 067 089	PHILIPS ..... 003 004 006	SQUAREVIEW ..... 189	..... 240 241 242 244	..... 268 336 348	QUARTZ ..... 268	TEKNIKA ..... 227 239 246	NSC ..... 462 487	PIONEER ..... 305	..... 590 613 628 647 648 654	DRAKE ..... 562 574 587	DRAKE ..... 562 574 587	DRAKE ..... 562 574 587
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