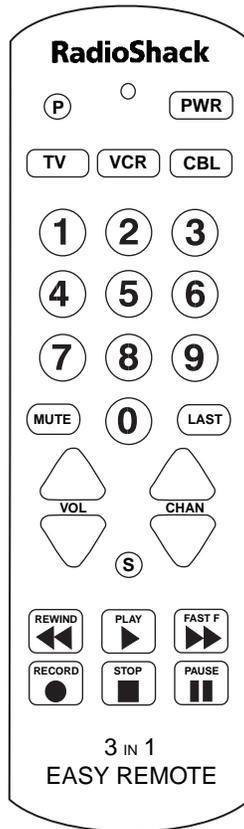


Cat. No. 15-1916B
OWNER'S MANUAL

3 in 1 Easy Remote

Please read before using this equipment.



RadioShack®

INTRODUCTION

Your RadioShack 3 in 1 Easy Remote can replace up to three standard infrared remote controls.

Unlike some universal remote controls, the 3 in 1 is *preprogrammed* and does not have to learn its commands from the original remote controls. All you have to do is tell the 3 in 1 which remote controls you want it to replace.

After you've entered the manufacturers' codes for your original remotes, the 3 in 1 is automatically ready to operate most of the same functions as the original remotes. (This manual includes a list of manufacturers' codes for TVs, VCRs, and cable converters.)

Your 3 in 1 remote has these features:

Replaces Other Remotes — lets you replace up to three remote controls with one easy-to-use remote control.

Powerful Infrared Beam — in many cases, lets you operate your remote-controlled devices from a greater distance than with the original remote controls.

Convenient Keypad Design — places each control key in the best position for easy operation.

Handy Reference Label — provides a convenient place for you to write down the manufacturers' codes.

Toll Free Support — you can get expert help for your 3 in 1 by calling **1-800-955-2599**.

Note: You need two AAA batteries (not supplied) to operate your 3 in 1 remote.

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Need help? Call 1-800-955-2599

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HOW THE 3 IN 1 WORKS

Before you begin to use the 3 in 1, it is helpful to understand a little about how it works — nothing technical, only an idea of what you can expect from it.

After you set up the 3 in 1, its command keys work like the keys on your original remote controls, though the labeling might differ slightly. For example, a key on your original remote control that might be labeled PWR ON/OFF is equivalent to the 3 in 1's **PWR** key.

Notes:

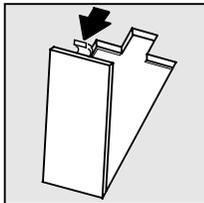
- **P** is a special key that you use when you set up (program) the 3 in 1 to replace your original remote controls.
- **TV**, **VCR**, and **CBL** are *device* keys. You use them when you set up the 3 in 1 to replace your original remote controls. You also use the device keys during normal operation to tell the 3 in 1 which device you want to control.
- **PWR** (power), **MUTE**, and **LAST** (recall) operate the same as on your original remote control.
- Whenever you use the 3 in 1's **RECORD** key, you must press it twice. This safety feature helps prevent you from accidentally erasing video tapes.

PREPARATION

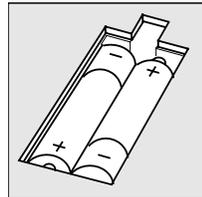
INSTALLING BATTERIES

Cautions:

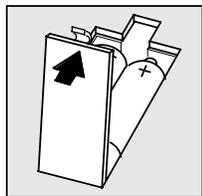
- Be sure to have fresh batteries ready to install before you remove the old batteries. The 3 in 1's memory only lasts about a minute without the batteries. If the memory is lost, simply re-enter the 3-digit manufacturers' codes for your remote-controlled devices.
- Do not mix old and new batteries, different types of batteries (standard, alkaline, or rechargeable), or rechargeable batteries of different capacities.



1. Press the battery compartment cover tab and lift off the cover.



2. Install two AAA alkaline batteries as indicated by the polarity symbols marked inside the compartment.



3. Replace the cover.

When the 3 in 1's range decreases or the 3 in 1 operates erratically, replace the batteries.

Note: Do not place objects on top of the remote control after you install the batteries. This can press down keys and reduce battery life.

SETTING UP YOUR REMOTE CONTROL

1. Refer to "Manufacturers' Codes" on Page 10 and write down the codes for your original remote controls on the provided label.
2. Press the device key for the type of remote you are replacing (**TV**, **VCR**, or **CBL**).
3. Hold down **P** until the red indicator blinks twice, then release **P** and enter the 3-digit manufacturer's code.

For example, to replace a Panasonic TV's remote control (manufacturer code 051), you would press:

TV P 0 5 1

4. When the indicator blinks twice again, point the 3 in 1 at your device and press **PWR**. The device should turn on (or off, if it was on).

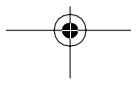
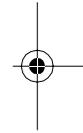
Repeat these steps for additional devices.

Notes:

- The punch-through feature is automatically turned on for the TV's volume and mute controls. This means that when you select **CBL** and press one of the volume buttons or **MUTE**, the remote actually sends the codes to the television to control it, not the cable converter. If you want to use your cable converter's volume and mute controls, disable the punch-through feature for these buttons. See "Punch Through" on Page 8.



-
- If the remote does not operate your device, try other codes listed in “Manufacturers’ Codes” for your brand of TV, VCR, or cable box. If your device still does not respond, follow the steps outlined in “If You Have Problems” on Page 23.



OPERATION

1. Press the device key for the device you want to control.
2. Point the 3 in 1 toward the device and press **PWR** to turn it on.
3. Repeat Steps 1 and 2 for other devices.
4. Point the 3 in 1 toward the device you want to control and press the appropriate device key, then the desired command keys.

The command keys on the 3 in 1 work the same as the keys on the device's original remote control; however, the labeling might differ slightly.

5. To turn off the last device you selected, press **PWR**. To turn off other devices, press the device key for the device you want to turn off, and then press **PWR**.

PUNCH THROUGH

The punch-through feature lets you control two different devices without pressing the device keys for each one first. Here's how it works.

No device uses all of the 3 in 1's keys. For example, a TV is often the only device that uses the **VOL** keys, and a VCR is usually the only device that uses keys such as **REWIND**, **FAST F**, and **RECORD**.

When you press **TV** to control a TV, then press **VCR** to control a VCR, any keys not used by the VCR will still control the TV. For example, **VOL** still controls the TV's volume.

If your cable box or VCR has a volume control, you can turn off the punch-through feature so you can use the cable box's or VCR's volume control to control the sound (if it can already do so).

If you want to turn off the punch-through feature and control the volume through your cable box, hold down **P** until the red indicator blinks twice. Release **P**, then press **9 9 3 CBL**. When the indicator blinks twice, you can control the volume through your cable box.

If you want to turn the punch-through feature back on and control the volume through your TV, hold down **P** until the red indicator blinks twice. Release **P**, then press **9 8 0**. When the indicator blinks twice, you can control the volume using your TV.

The punch-through feature does not work if the last two devices you select have the same (or similar) features. For example, most TVs and VCRs have channel keys on their remote controls. In this case, you would have to press the desired device key before you use the 3 in 1's channel keys.

FAVORITE CHANNEL SCAN

Your 3 in 1 is equipped with a favorite channel scan (**S**) key. You can set up the remote to repeatedly scan through up to 10 of your favorite channels on your TV, VCR, or cable box anytime you press **S**.

Note: The favorite channel scan key can only be set up for one device (TV, VCR or CBL). You cannot set up a favorite channel list for another device until you clear the existing list.

1. Press the device key (**TV**, **VCR**, or **CBL**) for the device that will contain your favorite channel list.
2. Hold down **P** until the 3 in 1's red light blinks twice. Release **P** and enter **9 9 6**.

3. Enter the channel number of the first channel you want to include in your favorite channel list. Then press **P**.

Note: You must press **0** before entering a single digit channel number. If you are entering a channel that is three digits long, such as 103, you do not have to press **P** after entering the channel number.

4. Repeat Step 3 for other channels (up to 10) you want to include in your list. Then, hold down **P** until the 3 in 1's red light blinks twice.
5. To scan through your favorite channel list, press the device key (**TV**, **VCR**, or **CBL**) for the device that contains your favorite channel list, then press **S**. Your 3 in 1 repeatedly scans through your favorite channel list, stopping at each channel for three seconds.
6. To stop at one of your favorite channels while the 3 in 1 is running through your list, press any key on the remote (other than **S**).

Clearing Favorite Channel Scan

1. Hold down **P** until the 3 in 1's red light blinks twice, then release **P**.
2. Press **9 9 6**, then hold down **P** until the 3 in 1's red light blinks twice.

MANUFACTURERS' CODES

The following lists show which 3-digit codes to enter to set up the 3 in 1 for your remote-controlled devices.

Notes:

- The 3 in 1 might not always have every command that your original remote controls have.
- Use the label included with the 3 in 1 to record the manufacturers' codes for your remote-controlled devices.

Manufacturer	Code(s)	RadioShack Cat. No.
Cable Converters		
ABC	001, 003, 007, 011, 013, 014, 017	
Antronix	022	
Archer	022 153	15-1285 15-1287
Cable Star	056	
Century	153, 618	
Citizen	153, 315	
Comtronics Eagle	008, 040	
Contec	019	
Daeryung	008	
Eagle	008	
Eastern	002	
Focus	400	
Funai	153	
GC Electronics	056	
Gemini	015	
General Instruments	003, 011, 014, 476	
Hamlin	009, 020, 034, 259	
Hitachi	003, 008, 011	
Hytex	007	
Jasco	153, 315	
Jerrold	003, 011, 012, 014, 015, 476	
Millenium 3	618	
Memorex	525	
Movie Time	063, 156	
Novaplex	618	

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Manufacturer	Code(s)	RadioShack Cat. No.
Cable Converters (Continued)		
NSC	063	
Oak	007, 019	
Omega	015	
Optimus	021	16-548
	021	16-631
Panasonic	021, 107	
Paragon	525	
Philips	025, 153	
Pioneer	144	
Popular Mechanics	400	
Pulsar	525	
PVP	003	
Quasar	525	
Quest	020, 144	
RCA	021	
Regal	020	
Regency	002, 020	
Rembrandt	022, 153	
Samsung	144	
Scientific Atlanta	008, 017, 477	
Sigma	019	
Signal	011, 015	
Signature	003, 011, 012, 014, 476	
Sprucer	021, 144	
Starcom	003, 014, 015	
Stargate	015	
Sylvania	001	
Tandy	258	
Telecaption	171	
Televue	063	
Tempest	015	
Texscan	001	
Tocom	012, 013	
Toshiba	525	
TV86	063	
TV Comm	019	
Unika	022, 153	
United Artists	007	
United Cable	003, 011, 014, 476	

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Manufacturer	Code(s)	RadioShack Cat. No.
Cable Converters (Continued)		
Universal	022, 056, 063, 153	
U.S. Electronics	003, 008, 017, 476	
Videoway	250, 525	
Viewstar	063, 258	
Walmart	400	
Zenith	525	
Zentek	400	
Televisions		
Action	003, 030, 019, 185	
Admiral	016, 047, 093, 165, 180	
Aiko	092	
Akai	030, 056, 145, 151	
Amstrad	039, 171, 177	
Anam	055, 180	
Anam National	055	
AOC	003, 019, 030, 137, 185	
Audiovox	003, 092, 179, 180	
Bell & Howell	016, 093, 154	
Broksonic	177, 179, 180, 236, 463	
Candle	030, 046, 056, 186	
Capehart	003, 017, 030, 052, 178	
Carver	054	
Citizen	030, 039, 046, 054, 056, 060, 092, 180, 186, 280	
Concerto	056	
Contec	180, 185	
Craig	171, 180	
Crosley	020, 030, 054, 096, 171, 186, 187	
Crown	039, 093, 180	
Curtis Mathes	030, 039, 047, 054, 060, 154	
Daewoo	019, 039, 092, 451	
Daytron	019, 039, 056, 092	
Eaton	060	
Electrohome	000, 039, 056, 150, 154, 185	

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Manufacturer	Code(s)	RadioShack Cat. No.
Televisions (Continued)		
Emerson	039, 177, 178, 179, 180, 185, 236, 280, 282, 463	
Envision	030	
Fisher	154, 159	
Funai	171, 179, 180	
Futuretech	180	
GE	021, 027, 047, 051, 055, 135, 174, 178, 282, 451	
Goldstar	019, 030, 039, 056, 060, 178	
Granada	145, 151, 178	
Hallmark	019, 178, 179, 180, 236	
Hitachi	039, 056, 145, 151	
Ima	178, 179, 180, 236	
Infinity	054	
Inteq	017	
JVC	053	
KEC	180	
KLH	180	
KTV	039, 180, 185, 280	
Kamp	017, 019, 180, 185	
Kawasho	019, 030, 185	
Kloss	024, 030, 046	
LXI	047, 054, 056, 146, 154, 156, 159	
Logik	016, 180, 236	
Lotus	282	
Luxman	056	
MGA	030, 019, 150, 178	
Magnavox	020, 024, 030, 054, 096, 186, 187	
Magnasonic	030, 054, 093, 156, 179	
Marantz	030, 054	
Matsui	039, 177	
Megatron	003, 047, 145, 151, 178	
Memorex	030	16-254
	019	16-263
	178	16-280

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Manufacturer	Code(s)	RadioShack Cat. No.
Televisions (Continued)		
Midlands	017, 039, 047, 051, 135	
Mitsubishi	019, 093, 150, 178	
MTC	019, 030, 056, 060	
Multitech	179, 180	
Nakamichi	154, 159	
NAD	019, 056, 156, 166, 178	
NEC	019, 030, 056	
Nikko	030, 092, 178	
Nyon	000	
Okron	019	
Omega	019	
Onwa	180	
Optimus	154	13-1283
	250	16-548
	250	16-631
	166	31-3031
	166	31-3033
	166	31-3038
Optonica	093, 165	
Orion	019, 177, 178, 180, 236, 463	
Panasonic	051, 054, 055, 250	
Penneys	019, 018, 021, 030, 039, 047, 051, 060, 135	
Philco	019, 020, 024, 030, 054, 096, 186, 187	
Philips	020, 054, 096, 186, 187	
Pilot	019, 030, 051, 060, 178	
Pioneer	055, 166	
Portland	019, 039, 092	
Proscan	047	
Proton	039, 178	
Pulsar	017, 016, 019, 092	
Quasar	051, 055, 250	
RadioShack	180	16-246A
	165	16-250
	030	16-255

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Manufacturer	Code(s)	RadioShack Cat. No.
Televisions (Continued)		
RadioShack	030, 178	16-256
	165	16-260
	030	16-265
	030,178	16-268
	156	16-288
	178	16-289
	180	16-292
RCA	018, 019, 047, 093, 135, 174	
Realistic	165	16-232
	165	16-233
	039	16-234
	165	16-235
	165	16-235A
	165	16-236
	165	16-251
	180	16-252
	180	16-253
	180	16-262
154	16-299	
Sampo	030	
Samsung	019, 030, 039, 056, 060	
Sansui	019, 030, 060, 165	
Sanyo	146, 154, 159	
Scott	019, 177, 178, 179, 180, 236	
Sears	047, 054, 056, 146, 154, 156, 159, 178, 179	
Sharp	039, 093, 165	
Signature	016, 093, 154, 165, 178	
Simpson	030, 186, 187	
Sony	000, 080	
Soundesign	178, 179, 180, 186	
Spectracon	019, 030, 180	
Squareview	171, 179, 180	
SSS	019, 180, 236	
Supre-Macy	046, 039, 186	
Sylvania	020, 024, 030, 054, 096, 186, 187	

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Manufacturer	Code(s)	RadioShack Cat. No.
Televisions (Continued)		
Symphonic	171, 179, 180	
Tandy	039, 093, 165	
Tatung	003, 051, 055	
Teac	154, 159	
Technics	051, 054, 055, 250	
Techwood	051, 055, 056, 250	
Technovox	019, 030, 051, 055, 178	
Teknika	016, 019, 039, 056, 060, 092, 150, 179, 180, 186	
Tera	178	
Thomas	019, 039, 056, 178	
TMK	056, 177, 178, 180, 236	
Toshiba	060, 154, 156	
Tosonic	185	
Totevision	039	
Truetone	051, 055, 250	
Ultra	019, 039, 092, 451	
Universal	021, 027, 047, 135	
Vector Research	030	
Victor	053	
Video Concepts	186, 187	
Vidtech	019, 178	
Viking	046	
Wards	016, 019, 020, 021, 027, 030, 054, 093, 096, 165, 178, 179, 187	
Weltron	019, 178	
XR100	171, 179, 180, 236	
Yamaha	019, 030	
York	030	
Zenith	016, 017, 092	
Zonda	003	
TV/VCR Combinations		
Note: These codes are accessed through the VCR device key. You might also need to use a TV code to control volume.		
Daewoo	278	
Emerson	002, 294, 479	
Funai	000	

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Manufacturer	Code(s)	RadioShack Cat. No.
TV/VCR Combinations (Continued)		
Goldstar	037	
Harley-Davidson	000	
Hitachi	000, 035, 042	
Magnavox	000, 035	
Magnin	037	
Memorex	000	16-410
	000	16-411
	037	16-412
	240 (TV: 060)	16-655
MGN	240	
Optimus	000, 325	16-420
	162, 454 (TV: 250)	16-421
	162, 454 (TV: 250)	16-422
Orion	002, 479	
Panasonic	035, 162	
Quasar	035, 162	
RadioShack	037	16-415
	000, 325	16-417
RCA	035, 048	
Samsung	240	
Shintom	000, 002, 479	
Symphonic	000	
Totevision	037	
Zenith	000	
VCRs		
Action	317	
Aiwa	000, 037, 307, 315, 406, 468	
Akai	041, 061	
Akiba	072	
Akura	271	
Alba	020, 209, 278, 295	
Ambassador	020	
Amstrad	000, 325	
Anam	162, 240, 454	
Anitech	072	
Baird	000, 041, 104	
Basic Line	020, 072	
Beaumarck	240	

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Manufacturer	Code(s)	RadioShack Cat. No.
VCRs (Continued)		
Bell & Howell	035, 048, 104	
Broksonic	121, 184, 211, 361, 479	
Bush	072, 209, 278	
Canon	035	
Capehart	020	
Carver	035, 081, 110	
Craig	047, 072, 240, 271	
Criterion	072	
Crosley	035, 081	
Crown	020, 072, 278	
Curtis Mathes	035, 060, 162	
Daewoo	020, 045, 278	
Daytron	020, 278	
Dynatech	000, 072, 240	
Electrohome	000, 037, 043, 061, 240	
Emerson	000, 002, 037, 061, 121, 184, 208, 209, 211, 278, 479	
Fisher	046, 047, 054, 066, 104	
Funai	000, 072, 278	
GE	060, 202, 035	
Garrard	000	
Go Video	232, 240	
Goldstar	037, 038	
Harely Davidson	000	
Harman Kardon	038	
Harwood	072	
Hitachi	000, 041, 042	
JVC	008, 041, 067	
Jensen	041, 067	
Kenwood	008, 038, 041, 046, 067	
Lloyd	000, 038, 072, 240	
LXI	000, 037	
Logik	000, 072	
Magnavox	035, 039, 081, 110, 149	
Magnasonic	037, 240, 278	
Magnin	240	

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Manufacturer	Code(s)	RadioShack Cat. No.
VCRs (Continued)		
Marantz	035, 038, 081	
Marta	037	
Matsushita	035, 162	
MEI	035	
Memorex	000	16-406
	037	16-413
	037	16-414
	000	16-517
	104	16-523
	037	16-524
	104	16-525
	104	16-526
	046, 104	16-529
	046, 104	16-530
	048	16-531
	240	16-533
	037	16-534
	104	16-536
	048	16-618
	104	16-619
	104	16-620
048	16-622	
104	16-623	
035	16-705	
307	16-706	
MGA	043, 061, 173	
MTC	000, 240	
Minolta	042	
Mitsubishi	043, 061, 173	
MTC	000, 240	
Movie Walker	072	
Multitech	000, 072	
NEC	008, 038, 041, 067	
Nikko	037, 278	
Optimus	104	13-1283
	037	16-419
	037	16-535
	104	16-537
	048	16-538
	048	16-539

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Manufacturer	Code(s)	RadioShack Cat. No.
VCRs (Continued)		
Optimus	048	16-540
	240	16-541
	048	16-542
	048	16-543
	048	16-544
	048	16-546
	162, 454	16-547
	162, 454	16-548
	046	16-600
	046	16-601
	104	16-617
	037	16-624
	104	16-625
	048	16-627
	048	16-628
	162, 454	16-630
	162, 454	16-631
Optonica	048, 062	
Orion	002, 121, 184, 209, 479	
Panasonic	035, 081, 110, 162, 225, 454	
Penney	035, 037, 042, 038, 240	
Pentax	042	
Philco	035, 062, 081, 110	
Philips	035, 062, 081, 110	
Pilot	037	
Portland	020	
Pulsar	039, 046, 278	
Quartz	046	
Quasar	035, 081, 110, 162, 454	
RCA	035, 042, 048, 060, 149, 202	
Realistic	000	16-404
	037	16-408
	035	16-472
	000	16-505
	047	16-506
	037	16-507

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Manufacturer	Code(s)	RadioShack Cat. No.
<i>VCRs (Continued)</i>		
Realistic	000	16-508
	000	16-510
	047	16-511
	047	16-512
	047	16-513
	240	16-514
	047	16-515
	047	16-516
	047	16-518
	000	16-519
	104	16-520
	104	16-521
	000	16-522
	104	16-563
	062	16-610
	048	16-611
	048	16-612
	047	16-613
	047	16-614
	047	16-615
	048	16-616
	104	16-617
	035	16-651
	047	16-652
	048	16-653
	062	16-700
	048	16-701
	048	16-702
000	16-703	
000	16-704	
Ricoh	034, 035	
Runco	039	
Samsung	038, 045, 240	
Sansui	008, 041, 067, 271	
Sanyo	046, 047, 054, 066, 104, 240	
Scott	045, 121, 184, 210, 479	
Sears	000, 037, 042, 046, 047, 054, 066, 104	
Sharp	048, 062	

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Manufacturer	Code(s)	RadioShack Cat. No.
<i>VCRs (Continued)</i>		
Manufacturer	Code(s)	RadioShack Cat. No.
Shogun	240	
Shintom	072	
Sony	032, 033, 034	
STS	042	
Sylvania	000, 035, 043, 081, 110	
Symphonic	000, 325	
Tatung	000, 041, 048, 067, 081	
TEAC	000, 041, 067	
Technics	000, 035, 081, 110, 162, 454	
Teknika	000, 035, 037	
Thomas	000, 002, 035, 037	
Tosonic	000	
Toshiba	043, 045, 066	
Totevision	037, 240	
Ultra	020, 045, 278	
Unitech	240	
Vector Research	038	
Victor	008, 067	
Video Concepts	061	
Videosonic	240	
Videotronic	035	
Viewmax	037, 000	
Wards	000, 035, 042, 047, 048, 062, 072, 149, 240	
XR1000	000, 035, 072, 208, 240	
Yamaha	038, 041	
York	000	
Zenith	032, 033, 034, 039	

Need help? Call 1-800-955-2599

IF YOU HAVE PROBLEMS

MANUAL CODE SEARCH

If the 3 in 1 does not control your remote-controlled devices when you first set it up, you probably did not enter the correct 3-digit codes for your devices.

You can try all the codes for the brand of your device, or because many manufacturers make products using several different brand names, you might want to search the 3 in 1's entire library by following these steps.

1. Manually turn on the device you are trying to set up.
2. Aim the 3 in 1 at the device.
3. Press the device key, then hold down **P** until the red indicator blinks twice. Release **P**.
4. Press **9 9 1 PWR**, then press the device key. Alternate between pressing **PWR** and the device key until the device responds.

Each time you press the device key, the 3 in 1 advances to the next manufacturer's code in its list.

5. When the device responds, press and release **P** to lock in the manufacturer's code. The red indicator blinks twice.

If necessary, repeat these steps for each device.

DETERMINING THE 3-DIGIT CODE

After you set up your 3 in 1 remote control using the manual code search, you can find which 3-digit code the 3-in-1 is set to by following these steps.

1. Press the device key you want to get the manufacturer's code from.

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2. Hold down **P** until the red indicator blinks twice, then release it.
 3. Press **9 9 0**. The red indicator blinks twice.
 4. Press **1** and count the number of times the red indicator blinks. This is the first number of your 3-digit manufacturer's code. If the red indicator does not blink, the digit is a zero.
 5. Press **2** and count the number of times the red indicator blinks. This is the second number of your 3-digit manufacturer's code. If the red indicator does not blink, the digit is a zero.
 6. Press **3** and count the number of times the red indicator blinks. This is the third number of your 3-digit manufacturer's code. If the red indicator does not blink, the digit is a zero.

TROUBLESHOOTING

If the 3 in 1 stops working after you successfully test the control of each device, or if you are unable to get the 3 in 1 to work at all, check the following:

- Be sure you press the device key for the device you want to control.
- Check and replace the batteries, if necessary.
- Confirm that your remote-controlled devices are working properly using manual controls or their original remotes.
- If some buttons do not work for your device, you might be able to scan to a better device code.

If you are still unable to determine the problem, call our nationwide Universal Remote Control Hotline at 1-800-955-2599.

CARE AND MAINTENANCE

Your 3 in 1 Easy Remote is an example of superior design and craftsmanship, and should be treated with care. The suggestions below will help you enjoy the 3 in 1 for many years.

- Keep the 3 in 1 dry. If it gets wet, wipe it dry immediately. Liquids might contain minerals that can corrode the electronic circuits.
- Use and store the 3 in 1 only in normal temperature environments. Temperature extremes can shorten the life of electronic devices, damage batteries, and distort or melt plastic parts.
- Keep the 3 in 1 away from dust and dirt, which can cause premature wear of parts.
- Handle the 3 in 1 gently and carefully. Dropping it can damage circuit boards and cases and can cause the 3 in 1 to work improperly.
- Use only fresh batteries of the required size and type. Batteries can leak chemicals that damage your 3 in 1's electronic parts.
- Wipe the 3 in 1 with a damp cloth occasionally to keep it looking new. Do not use harsh chemicals, cleaning solvents, or strong detergents to clean the 3 in 1.

Modifying or tampering with the 3 in 1's internal components can cause a malfunction and might invalidate your 3 in 1's warranty. If your 3 in 1 is not performing as it should, take it to your local RadioShack store for assistance.

SPECIFICATIONS

PowerTwo AAA Alkaline Batteries
 IR Control Range.....25 Feet (7.5 m)
 Size (HWD) 1¹/₈ × 1¹³/₁₆ × 6³/₈ Inches
 Weight (Without Batteries) 2.3 oz.

Specifications are typical; individual units might vary. Specifications are subject to change and improvement without notice.

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 the limitations on how long an implied warranty lasts or the exclusion 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, set-up 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, Dept. W, 100 Throckmorton St.,
 Suite 600, Fort Worth, TX 76102

We Service What We Sell 3/97

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Fort Worth, Texas 76102