15-1990.fm Page 1 Tuesday, December 14, 1999 12:45 PM

Cat. No. 15-1990

OWNER'S MANUAL

3-in-One Pocket Remote Control

Please read before using this equipment.

RadioShack®

FEATURES

Your RadioShack 3-in-One Pocket Remote Control can replace up to three infrared remote controls. You can use it to control your TV, VCR, TV/VCR combination, and cable converter.

Unlike some universal remote controls, the 3-in-One is preprogrammed with the most commonly used commands and does not have to learn its commands from the original remote controls. All you have to do is tell it which TV, VCR, TV/VCR combination, or cable converter's remote controls you want to replace (by entering 4-digit codes).

This manual includes a list of many manufacturers' 4-digit codes for TVs, VCRs, and cable converters.

Your remote control's features include:

Powerful Infrared Beam — so you can operate your remote-controlled devices from a greater distance than with many of the original remote controls.

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

Convenient Keypad Design — each key is positioned for easy operation.

Toll Free Support — you can get expert help for your remote control by calling **1-888-284-8735**.

Note: You need two AAA batteries (not supplied) to power your 3-in-One Pocket Remote Control.

© 1999 Tandy Corporation.
All Rights Reserved.
Plug 'n Power and RadioShack are registered trademarks used by Tandy Corporation.

15-1990.fm Page 3 Tuesday, December 14, 1999 12:45 PM

CONTENTS

Introduction 4

Preparation 5

Installing Batteries 5

Device Types 6

Setting Up Your Remote Control 6

To Operate your TV/VCR Combination 8

Operation 9

Punch-Through 9

Turning Punch-Through Off/On 10

Manufacturers' Codes 11

Cable Converters 11

Televisions 13

VCRs 19

TV/VCR Combinations 25

If You Have Problems 27

Manual Code Search 27

Determining the 4-Digit Code 28

Troubleshooting 29

Care 30

Specifications 31

15-1990.fm Page 4 Tuesday, December 14, 1999 12:45 PM

INTRODUCTION

Your RadioShack 3-in-One Pocket Remote Control was designed to control the most commonly used functions on your TV, VCR, TV/VCR combination, and cable converter.

When you set up the remote control, its command keys work like the keys on your original remote controls. For example, the remote control's **POWER** key works like a key on your original remote control which might be labeled POWER ON/OFF.

Key	Function
P	Used in setting up your devices.
POWER, CH +, CH –, VOL +, VOL –, MUTE	Operate the same as the corresponding keys on your original remote control.
CBL, VCR, TV	Used when you set up the remote control to replace your original remote controls. Also used during normal operation to tell the remote control which device you want to control.
REW ◀◀, STOP ■, FFWD ▶▶, REC ●, PLAY ▶, PAUSE ▮▮	Control VCR functions.

Notes:

- Whenever you use **REC ●** on the remote control, you must press it twice. This safety feature helps you avoid accidentally recording over tapes.
- The remote control might not be able to duplicate some of your original remote control's seldom-used functions.

15-1990.fm Page 5 Tuesday, December 14, 1999 12:45 PM

PREPARATION

INSTALLING BATTERIES

Your remote control requires two AAA batteries (not supplied) for power. For the best performance and longest life, we recommend RadioShack alkaline batteries.

Cautions:

- Use only fresh batteries of the required size and recommended type.
- Do not mix old and new batteries or different types of batteries.
- Do not press any of the remote control's keys while installing batteries.

Note: The remote control's built-in memory backup saves any programmed codes for about 10 minutes after the batteries have been removed. We recommend you have fresh batteries ready to install as soon as you remove the old ones.

1. Press the battery compartment cover's tab and lift off the cover.
2. Place the batteries in the compartment as indicated by the polarity symbols (+ and –) marked inside.
3. Replace the cover.

When the remote control's range decreases or it stops operating properly, replace the batteries.

Caution: Always remove old or weak batteries. Batteries can leak chemicals that can destroy electronic parts.

Warning: Dispose of old batteries promptly and properly. Do not burn or bury them.

Note: Do not place objects on top of the remote control after you have installed the batteries. This can press keys for an extended period of time and reduce battery life.

DEVICE TYPES

You can use the remote control's device keys to control the following general types of devices:

TV — TVs

VCR — VCRs and TV/VCR combinations

CBL — Cable converters

SETTING UP YOUR REMOTE CONTROL

1. Refer to "Manufacturers' Codes" on Page 11 and write down the codes for your brand of device on the 3-in-One's label.

   Note: Some manufacturers have several codes listed. Try each until you find the right one. See "If You Have Problems" on Page 27 if you cannot find the correct code.

2. Press the device key for the type of remote you are replacing (**TV**, **VCR**, or **CBL**). The red light blinks.

3. Hold down **P** until the red light blinks twice, then enter the 4-digit code you wrote down in Step 1 using these keys:

Press	To Enter This Number
VOL +	**1**
VOL –	**2**
CH +	**3**
CH –	**4**
MUTE	**5**

   For example, to replace a TV's remote control (manufacturer's code 1432), press **TV**, hold down **P** until the red light blinks twice, then press **VOL +**, **CH –**, **CH +**, and **VOL –**.

   When the red light blinks twice, the remote control has accepted the code.

   Note: If the code you entered is invalid, the red light blinks.

4. Point the remote control at your device and press **POWER**. Your device should turn off (or on, if it was off).

   If the remote does not operate your device, try the other codes listed in "Manufacturers' Codes" on Page 11 for your brand of TV, VCR, TV/VCR combination, or cable converter.

5. Repeat Steps 2–4 for additional devices.

15-1990.fm Page 8 Tuesday, December 14, 1999 12:45 PM

TO OPERATE YOUR TV/VCR COMBINATION

1. Locate the codes for your TV/VCR combination in “TV/VCR Combinations” on Page 25 and write down the codes for your brand of device on the 3-in-One’s label.
2. Press **VCR**. The red light blinks.
3. Hold down **P** until the red light blinks twice, then enter the 4-digit code you wrote down in Step 1 using these keys:

Press	To Enter This Number
VOL +	1
VOL –	2
CH +	3
CH –	4
MUTE	5

   When the red light blinks twice, the remote control has accepted the code.

   Note: If the code you entered is invalid, the red light blinks.

4. Point the remote control at your TV/VCR combination and press **POWER**. Your device should turn off (or on, if it was off).

   If the remote does not operate your device, try the other codes listed in “TV/VCR Combinations” on Page 25 for your TV/VCR combination.

   Note: Some TV/VCR combinations require a second code to control volume. If you cannot get the volume to work, use the TV code listed in “TV VCR Combinations.” If no TV code is listed, follow the instructions in “Punch-Through” on Page 9 to control volume.

15-1990.fm Page 9 Tuesday, December 14, 1999 12:45 PM

OPERATION

1. Press the device key for the device you want to control.
2. Point the remote control toward the device you want to control, then press the desired command keys.
3. Repeat Steps 1 and 2 for all other devices you want to operate.

   Note: The command keys on the remote control work the same as the keys on the original remote control; however, the labeling might differ slightly.
4. To turn off the last device you selected, press **POWER**. To turn off other devices, press the device key for the device you want to turn off, then press **POWER**.

PUNCH-THROUGH

The punch-through feature lets you alternately control two different devices without pressing the device keys for each one.

A TV is often the only device that uses the volume keys. Punch-through allows you to control the TV's volume while the 3-in-One is in any device mode. With punch-through on, if you press **VCR** and use your volume keys, the 3-in-One will control the TV's volume instead of the VCR's volume.

15-1990.fm Page 10 Tuesday, December 14, 1999 12:45 PM

Turning Punch-Through Off/On

If your cable converter or VCR has a volume control, you might want to turn off punch-through so you can use the cable converter or VCR's volume control to adjust the sound. To turn off punch-through, hold down **P** until the red light blinks twice, then press **MUTE**, **MUTE**, and **CH –**. The red light blinks four times.

Now, when you want to control the volume through your cable converter, press **CBL** before using the volume controls. If you want to control the volume through your VCR, press **VCR** before using the volume controls.

To turn punch-through back on, hold down **P** until the red light blinks twice, then press **MUTE**, **MUTE**, and **CH –**. The red light blinks twice.

MANUFACTURERS' CODES

The following list tells you which 4-digit codes to enter to set up the remote control to operate your:

- Cable Converter (see below)
- Television (see Page 13)
- VCR (see Page 19)
- TV/VCR Combination (see Page 25)

Notes:

- The remote control might not have every command of your original remote controls.
- Use the the 3-in-One's label to record the manufacturers' codes for your remote-controlled devices.
- A key on the remote control that has the same name as a key on your original remote control might have a slightly different function.

Manufacturer	Code(s)	RadioShack Cat. No.
Cable Converters		
ABC	1114, 1131, 1143, 1212, 1124, 1134, 1142	
Allegro	3232, 1133	
Antronix	1223, 4144	
Archer	3232	15-1287
	1223	15-1285
	4144	16-1283
	1234	15-1288
Bell & Howell	1143	
Cabletenna	1223	
Cableview	1223	
Century	3232	
Citizen	3232, 1133	
Comtronics	1331	
Contec	1214	
Eastern	1113	

15-1990.fm Page 12 Tuesday, December 14, 1999 12:45 PM

Manufacturer	Code(s)	RadioShack Cat. No.
Emerson	1234	
Everquest	1144, 1331	
Focus	1211	
GC Electronics	4144	
Garrard	3232	
Gemini	1144	
General Instrument	1213, 1123, 1134, 1241	
GoldStar	3211, 1331	
Goodmind	1234	
Hamlin	1221, 1122, 1132, 1313	
Hitachi	1134	
Hytex	1124	
Jasco	1144, 3232, 1133	
Jerrold	1114, 1141, 1213, 1123, 1143, 1144, 1134, 1241	
Memorex	1111	
Movie Time	1444	
NSC	1444	
Oak	1214, 1124	
Optimus	1222	
Panasonic	1111, 2334, 1222	
Paragon	1111	
Philips	3232	
Pioneer	3211, 1233	
Popular Mechanics	1211	
Pulsar	1111	
Quasar	1111	
RCA	1222	
RadioShack	1144, 1133, 1234, 1242	
Realistic	4144	16-1283, 15-1285A
Recoton	1211	
Regal	1221, 1122	
Regency	1113	
Rembrandt	1134	

Manufacturer	Code(s)	RadioShack Cat. No.
Runco	1111	
SL Marx	1331	
Samsung	3211, 1331	
Scientific Atlanta	1131, 1224, 1212	
Signal	1144, 1331	
Signature	1134	
Sprucer	1222	
Starcom	1114, 1144	
Stargate	1144, 1331, 1234	
Starquest	1144	
TV86	1444	
Teleview	1331	
Tocom	1141, 1142	
Toshiba	1111	
Tusa	1144	
Unika	3232, 1223, 4144	
United Artists	1124	
Universal	3232, 1223, 3444, 4144	
Viewstar	1444	
Zenith	1111, 1231	
Zentek	1211	
Televisions		
A-Mark	1114	
AOC	1243, 1214, 1114	
Abex	1311	
Admiral	2242	
Adventura	1343	
Aiko	2241	
Akai	1243	
Alaron	3414	
Ambassador	3412	
Ampro	1134	
Anam	3421	
Anam National	1424	
Archer	1114	

Manufacturer	Code(s)	RadioShack Cat. No.
Audiovox	1121, 3421, 1114, 2241, 1131	
Baysonic	3421	
Belcor	1214	
Bell & Howell	3233, 1211	
Bradford	3421	
Brockwood	1214	
Broksonic	4341, 1122, 1114	
CXC	3421	
Candle	1243, 1431, 1343	
Carnivale	1243	
Carver	1423	
Celebrity	1111	
Cineral	1121, 2241	
Citizen	1441, 1243, 1431, 1324, 1343, 2241, 1112	
Concerto	1431	
Contec	3421	
Craig	3421	
Crosley	1423	
Crown	3421, 1324	
Curtis Mathes	1344, 1423, 3233, 1414, 1121, 2242, 1441, 1243, 3212, 1431, 1211, 1324, 3323, 1123	
Daewoo	1121, 1214, 1324, 2241, 1131, 1132	
Daytron	1214	
Denon	3212	
Dumont	1212, 1214	
Dwin	1133, 1141	
Electroband	1111	
Emerson	3233, 4341, 1122, 3421, 1113, 3413, 1214, 3414, 1324, 3412, 1112, 1131, 1132	

15-1990.fm Page 15 Tuesday, December 14, 1999 12:45 PM

Manufacturer	Code(s)	RadioShack Cat. No.
Envision	1243	
Fisher	3233, 3244	
Fujitsu	3414	
Funai	3414, 3334	
Futuretech	3421	
GE	1344, 1414, 1121, 2242, 1113, 3413, 1222, 1424, 3124	
Gibralter	1212, 1243, 1214	
GoldStar	1243, 1214, 1431, 1311	
Gradiente	1422, 1431	
Grunpy	3421, 3414	
Hallmark	3413	
Harley Davidson	3414	
Harman/Kardon	1423	
Harvard	3421	
Hitachi	3212, 1431, 1311, 3224	
Infinity	1423	
Inteq	1212	
JBL	1423	
JCB	1111	
JVC	1422	
Janeil	1343	
KEC	3421	
KTV	3421, 1243, 1324, 1112	
Kenwood	1243, 1214	
Kloss	1343	
LG	1431	
LXI	1344, 1423, 3233, 3241, 3413	
Logik	1211	
Luxman	1431	
MGA	3223, 1243, 3413, 1214	

15-1990.fm Page 16 Tuesday, December 14, 1999 12:45 PM

Manufacturer	Code(s)	RadioShack Cat. No.
MTC	1441, 1243, 1214, 1431	
Magnavox	1423, 1243, 3414, 3434	
Majestic	1211	
Marantz	1423, 1243	
Matsushita	4433	
Megatron	3413, 3212, 1114	
Memorex	3233, 4433, 3223, 1431, 1211	
Midland	1344, 1212, 1414, 1324, 1311, 3124	
Minutz	1222	
Mitsubishi	2242, 3223, 3413, 1214	
Motorola	2242, 1424	
Multitech	3421	
NAD	3241, 3413, 3323	
NEC	1243, 1214, 1431	
NTC	2241	
Nikko	1243, 3413, 2241	
Noshi	1213	
Onwa	3421	
Optimus	3233	13-1283
	4433	
	3323	31-3031, 31-3033, 31-3038, 31-3040
Optonica	2242, 3322	
Orion	4341, 1122, 3414	
Panasonic	1414, 4433, 1424	
Penney	1344, 3241, 1414, 1441, 1243, 3413, 1222, 1214, 1213, 1431, 1324, 1114, 1311, 3124	
Philco	1423, 1122, 1243, 3212, 1214	
Philips	1423	
Pilot	1243, 1214, 1324	

15-1990.fm Page 17 Tuesday, December 14, 1999 12:45 PM

Manufacturer	Code(s)	RadioShack Cat. No.
Pioneer	3323	
Portland	1214, 1324, 2241	
Prism	1414	
Proscan	1344	
Proton	3413, 1114, 1123	
Pulsar	1212, 1214	
Quasar	1414, 4433, 3322, 1424	
RCA	1344, 1414, 2242, 1214, 1213, 2233, 3124	
RadioShack	1344, 3233, 1214, 1324	
	3322	16-232, 16-233, 16-236, 16-250, 16-260
	3421	16-252, 16-253, 16-262, 16-292
	1243	16-254, 16-255, 16-256, 16-265
	3413	16-256, 16-263, 16-268, 16-280, 16-289
	1431	16-288
	1311	16-230, 16-232, 16-233, 16-236, 16-250, 16-260
Realistic	3233	16-229, 16-261, 16-299
	3322	16-232, 16-233, 16-236, 16-250, 16-260
	3421, 1243, 3413, 1214, 1324, 1311	
	1431	16-288
Runco	1212, 1243, 1124	
SSS	3421, 1214	
Sampo	1243, 1324, 1311	
Samsung	1441, 1243, 3413, 1214, 1431, 1311	

Manufacturer	Code(s)	RadioShack Cat. No.
Samsux	1324	
Sansei	1121	
Sansui	1122	
Sanyo	3233, 3244	
Scimitsu	1214	
Scotch	3413	
Scott	4341, 3421, 3413, 1214, 3414	
Sears	1344, 1423, 3233, 3241, 3413, 3414, 1431, 3244, 3334	
Semivox	3421	
Semp	3241	
Sharp	2242, 3322, 1324	
Shogun	1214	
Signature	1211	
Simpson	3434	
Sony	1111	
Soundesign	3421, 3413, 3414	
Spectricon	1114	
Squareview	3334	
Starlite	3421	
Supre-Macy	1343	
Supreme	1111	
Sylvania	1423, 1243	
Symphonic	3334	
TMK	3413, 1431, 3412	
Tandy	2242	
Tatung	1424, 1114	
Technics	1414, 4433	
Technol Ace	3414	
Techwood	1414, 1431, 1114	
Teknika	1423, 3421, 3223, 1441, 1214, 3414, 1431, 1211, 1324, 2241	
Telefunken	1431	
Toshiba	3233, 3241, 1441	

15-1990.fm Page 19 Tuesday, December 14, 1999 12:45 PM

Manufacturer	Code(s)	RadioShack Cat. No.
Totevision	1324	
Vector Research	1243	
Victor	1422	
Vidikron	1423	
Vidtech	3413, 1214	
Viking	1343	
Wards	1423, 3322, 1243, 3413, 1222, 1214, 3414, 1431, 1211	
White Westinghouse	1131, 1132	
Yamaha	1243, 1214	
Zenith	1212, 1211, 2241	
Zonda	1114	
VCRs		
Admiral	1411	
Adventura	1111	
Aiko	1122	
Aiwa	1322, 1111, 1132	
Akai	1332, 1442, 2333	
American High	1314	
Asha	4411	
Audiovox	1322	
Beaumark	4411	
Bell & Howell	2331	
Broksonic	3431, 2432, 4212, 1113, 1141	
CCE	2131, 1122	
Calix	1322	
Canon	1314	
Capehart	1221	
Carver	2212	
Cineral	1122	
Citizen	1322, 1122	
Colt	2131	
Craig	1322, 1344, 4411, 2131, 1121	

15-1990.fm Page 20 Tuesday, December 14, 1999 12:45 PM

Manufacturer	Code(s)	RadioShack Cat. No.
Curtis Mathes	1441, 1314, 1332, 3313	
Cybernex	4411	
Daewoo	1342, 1122, 1221, 1144	
Daytron	1221	
Denon	1333	
Dynatech	1111	
Electrohome	1322	
Electrophonic	1322	
Emerex	1311	
Emerson	1322, 3431, 1111, 2432, 1334, 4212, 1113, 1122, 1442, 4211, 4221, 1141, 1144	
Fisher	1344, 2331, 1423, 2113	
Fuji	1314, 1312	
Funai	1111	
GE	1441, 1314, 1411, 4411, 4133	
Garrard	1111	
Go Video	1133, 1143	
GoldStar	1322, 1323	
Gradiente	1111, 1131	
HI-Q	1344	
Harley Davidson	1111	
Harman/Kardon	2212, 1323	
Harwood	2131	
Headquarter	1343	
Hitachi	1111, 1333, 1332, 2332	
JVC	2114, 1332, 1131	
Jensen	1332	
KEC	1322, 1122	
KLH	2131	
Kenwood	2114, 1332, 1323	
Kodak	1314, 1322	

15-1990.fm Page 21 Tuesday, December 14, 1999 12:45 PM

Manufacturer	Code(s)	RadioShack Cat. No.
LXI	1322	
Lloyd's	1111, 4211	
Logik	2131	
MEI	1314	
MGA	4411, 1334, 1442	
MGN Technology	4411	
MTC	4411, 1111	
Magnasonic	1122	
Magnavox	1314, 1324, 2212, 1111, 3222	
Magnin	4411	
Marantz	1314, 2212	
Marta	1322	
Matsushita	1314, 3313, 1134	
Memorex	1314	16-705
	1322	16-524, 16-706
	1411	16-531, 16-618, 16-622
	1324	
	1344	
	1111	16-406, 16-410, 16-411, 16-517
	2331	16-412, 16-523, 16-525, 16-526, 16-529, 16-530, 16-619, 16-620, 16-621, 16-623
	1343	16-529, 16-530
	4411	16-533, 16-655
	3313, 1114, 1124, 1132	
Minolta	1333, 2332	
Mitsubishi	1411, 2114, 1334, 1442	
Motorola	1314, 1411	
Multitech	1111, 2131	
NAD	1433	
NEC	2331, 2114, 1332, 1323	

Manufacturer	Code(s)	RadioShack Cat. No.
Nikko	1322	
Nikon	1313	
Noblex	4411	
Olympus	1314	
Optimus	1322	16-413, 16-414, 16-423, 16-419, 16-534, 16-535, 16-624
	1411	16-538, 16-539, 16-540, 16-542, 16-543, 16-544, 16-546, 16-627, 16-628
	2331	16-536, 16-537, 16-617, 16-625, 13-1283
	3313	16-547, 16-548, 16-630, 16-631, 16-640, 16-641, 16-642
	1134	16-547, 16-548, 16-630, 16-631
	1133	16-541
	1112	
	4411	16-541
Optonica	1443	
Orion	3431, 1113, 1141	
Panasonic	1314, 3313, 4312, 1134, 1112	
Penney	1314, 1322, 4411, 1333, 1323, 1423	
Pentax	1333, 2332	
Philco	1314, 4212, 1141	
Philips	1314, 2212, 1443	
Pilot	1322	
Pioneer	2114, 1433	
Portland	1221	
Profitronic	4411	
Proscan	1441, 4133	
Protec	2131	

15-1990.fm Page 23 Tuesday, December 14, 1999 12:45 PM

Manufacturer	Code(s)	RadioShack Cat. No.
Pulsar	1324	
Quarter	1343	
Quartz	1343	
Quasar	1314, 3313, 1134, 1112	
RCA	1441, 1314, 1411, 4411, 1333, 3222, 2332, 2333, 4133	
RadioShack	1111	16-417
	1132	16-706
Radix	1322	
Randex	1322	
Realistic	1314	16-472, 16-651
	1322	16-408, 16-507
	1344	16-506, 16-511, 16-512, 16-513, 16-515, 16-516, 16-518, 16-613, 16-614, 16-615, 16-652, 16-611, 16-612, 16-616, 16-653, 16-701, 16-702
	1111	16-404, 16-505, 16-508, 16-510, 16-519, 16-522, 16-703, 16-704
	2331	16-520, 16-521, 16-563, 16-617
	2113	16-503
	4411	16-514
	1411, 1443	
	1343	16-600, 16-601
Ricoh	1313	
Runco	1324	
STS	1333	
Samsung	4411, 1342	
Sanky	1411, 1324	
Sansui	1111, 2114, 1332, 1121, 1141	

15-1990.fm Page 24 Tuesday, December 14, 1999 12:45 PM

Manufacturer	Code(s)	RadioShack Cat. No.
Sanyo	1344, 4411, 2331, 1343, 1114	
Scott	3431, 1342, 2432, 1334, 4221	
Sears	1314, 1322, 1344, 1111, 1333, 2331, 1343, 1423, 2113, 2332	
Semp	1342	
Sharp	1411, 1443	
Shintom	2131	
Shogun	4411	
Singer	2131	
Sony	1314, 1311, 1111, 1312, 1313	
Sylvania	1314, 2212, 1111, 1334	
Symphonic	1111	
TMK	4411, 4211	
Tandy	1111, 2331	
Tatung	1332	
Teac	1111, 1332	
Technics	1314, 3313	
Teknika	1314, 1322, 1111	
Thomas	1111	
Toshiba	1342, 1334, 2113, 4221	
Totevision	1322, 4411	
Unitech	4411	
Vector	1342	
Vector Research	1323	
Video Concepts	1342, 1442	
Videosonic	4411	
Wards	1441, 1314, 1411, 1344, 2212, 4411, 1111, 1333, 2131, 3222, 1443, 4221	
White Westinghouse	1122	
XR-1000	1314, 1111, 2131	

15-1990.fm Page 25 Tuesday, December 14, 1999 12:45 PM

Manufacturer	Code(s)	RadioShack Cat. No.
Yamaha	1323	
Zenith	1324, 1111, 1312, 1313	
TV/VCR Combinations		
Brocksonic	1113, 1141 (TV: 1122)	
Citizen	1122	
Colt	2131	
Curtis Mathes	1314 (TV: 1414)	
Daewoo	1122 (TV: 1132)	
Emerson	1113, 1122 (TV: 1132), 1141 (TV: 1122)	
Funai	1111	
GE	4411, 1314 (TV: 1414), 1411 (TV: 2242), 1441 (TV: 1344)	
Goldstar	1322 (TV: 1431)	
Harley Davidson	1111	
Hitachi	1111	
Lloyds	1111	
Magnasonic	1122	
Magnavox	1111, 2212 (TV: 1423)	
Magnin	4411	
Memorex	1322	16-412
	1112	
MGA	4411	
Mitsubishi	1411 (TV: 2242)	
Optimus	1112	16-421, 16-422, 16-426, 16-427
Orion	1113, 1141 (TV: 1122)	
Panasonic	1112, 1314 (TV: 1414)	
RadioShack	1322	16-415

Manufacturer	Code(s)	RadioShack Cat. No.
RCA	4411, 1314 (TV: 1414), 1441 (TV: 1344), 1411 (TV: 2242)	
Sansui	1111, 4411, 1141 (TV: 1122)	
Sanyo	4411	
Sears	1111, 1322 (TV: 1431)	
Sharp	1411 (TV: 2242)	
Sony	1111, 1311 (TV: 1111)	
Sylvania	2212 (TV: 1423)	
Symphonic	1111	
Thomas	1111	
White Westinghouse	1122 (TV: 1132)	
Zenith	1111, 1141	

15-1990.fm Page 27 Tuesday, December 14, 1999 12:45 PM

IF YOU HAVE PROBLEMS

MANUAL CODE SEARCH

If the 3-in-One Pocket Remote Control does not operate your remote-controlled devices when you first set it up, you might have to manually find the correct code for your devices. You can try all the codes listed in "Manufacturers' Codes" on Page 11 for the brand of your device, or you can follow these steps to search the remote control's entire library.

1. Manually turn on the device you want to set up.
2. Press the corresponding device key (**TV**, **VCR**, or **CBL**).
3. Hold down **P** until the red light blinks twice, then press **MUTE**, **MUTE**, then **VOL –**. The red light blinks twice again.
4. Aim the remote control at the device you want to operate.
5. Repeatedly press **POWER** then the device key until the device turns off.
6. When the device turns off, press **P** within 10 seconds to save the code.

   Note: If you do not press **P** within 10 seconds, the remote control does not save the code.

   - Because the remote control's library has so many codes, this procedure can take several minutes.
   - If your device turns off during the search, but does not operate after you lock in the code, begin the search again, pausing longer between key presses.

If necessary, repeat these steps for each device.

Note: If your VCR's original remote does not have a power key, manually turn on the device, insert a tape, and repeat Steps 1–6, using **PLAY** instead of **POWER**. When the device responds, press **P**. The red light blinks twice.

Determining the 4-Digit Code

After you set up your remote control using the manual code search, you can find which 4-digit code the remote control is set to by following these steps.

1. Press the device key (**TV**, **VCR**, or **CBL**) you want to get the manufacturer's code from, then hold down **P** until the red light blinks twice.
2. Press **MUTE**, **MUTE**, then **VOL +**. The red light blinks twice again.
3. Press **VOL +**, then count the number of times the red light blinks. This is the first digit of the 4-digit code.

   Note: If the red light does not blink, the digit is a 0.
4. Press **VOL –**, then count the number of times the red light blinks. This is the second digit of the 4-digit code.
5. Press **CH +**, then count the number of times the red light blinks. This is the third digit of the 4-digit code.
6. Press **CH –**, then count the number of times the red light blinks. This is the fourth digit of the 4-digit code.

15-1990.fm Page 29 Tuesday, December 14, 1999 12:45 PM

TROUBLESHOOTING

If the remote control stops working after you have successfully tested the control for each device, or if you are unable to get the remote control to work at all, check the following:

- Be sure you press the device key for the device you want to control before you press any other key.
- Confirm that your remote-controlled devices are working properly by using the original remote control or the manual controls.
- If some keys do not function, try a different device code.
- If some keys do not function for your device, you might be able to find a better device code.
- Call **1-888-284-8735** for technical support.

15-1990.fm Page 30 Tuesday, December 14, 1999 12:45 PM

CARE

To enjoy your RadioShack 3-in-One Pocket Remote Control for a long time:

- Keep the remote control dry. If it gets wet, wipe it dry immediately.
- Use and store the remote control only in normal temperature environments.
- Handle the remote control gently and carefully. Don't drop it.
- Keep the remote control away from dust and dirt.
- Wipe the remote control with a damp cloth occasionally to keep it looking new.

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

15-1990.fm Page 31 Tuesday, December 14, 1999 12:45 PM

SPECIFICATIONS

Power ..... 2 AAA Batteries

IR Control Range ..... 26 ft ±30°

Dimensions (HWD) ..... $4^{7}/_{8} \times 2^{1}/_{8} \times 1^{1}/_{4}$ Inches
($125 \times 55 \times 31.5$ mm)

Weight (Without Batteries) ..... 4.3 oz.
(121.9 g)

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

15-1990.fm Page 32 Tuesday, December 14, 1999 12:45 PM

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, 200 Taylor, 6th Floor, Fort Worth, TX 76102

We Service What We Sell *3/97*

RadioShack
A Division of Tandy Corporation
Fort Worth, Texas 76102

04A99 Printed in China