

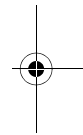
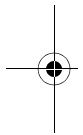


RadioShack

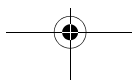
www.radioshack.com



VCR Programmer



Owner's Manual
Please read before using this equipment.



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A Quick Look

Your RadioShack VCR Programmer makes recording your favorite shows and movies simple with six easy-to-follow steps marked right on the keys.

Its other features include:

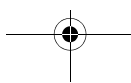
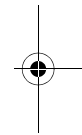
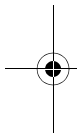
Extensive Code Library — a resident library contains codes for virtually every VCR and cable converter (or satellite receiver) being made today, as well as several discontinued devices.

Automatic Sleep Mode — automatically senses inactivity and puts the unit into sleep mode to conserve battery life.

Daily and Weekly Programming — record one single show, or a weekly series.

To use your VCR Programmer with your VCR and cable converter (or satellite receiver), you must perform some simple programming after installing the batteries (not supplied).

For best results, please read and perform all instructions in this manual. Keep these instructions for future reference.



Use **UNLOCK** to begin the record programming sequence or to cancel a previously programmed event.

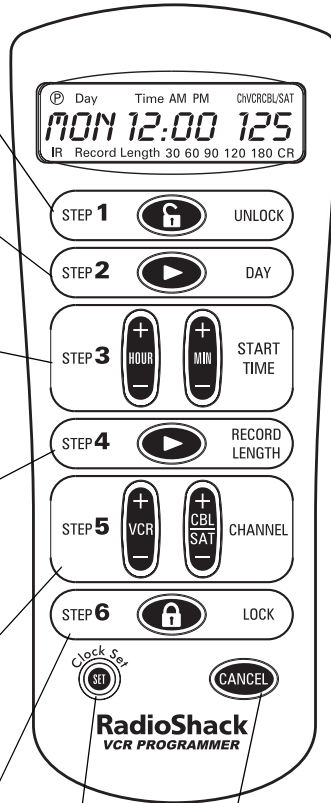
Use **DAY** to set the day of the event you wish to program and to set the clock.

Use **HOUR +/-** and **MINUTE +/-** to program the start time of the event you wish to program and to set the clock.

Use to choose the length of the event you wish to program (30, 60, 90, 120, or 180 minutes, or until the tape runs out).

Use **VCR +/-** and **CBL/SAT +/-** to choose the channel of the event you wish to program. Also use them for menu navigation during clock setup and ID programming.

Use **LOCK** to save your programmed event, or to reactivate an event you have disabled.



Use **CANCEL** to exit any programming sequence or test, or to cancel a programmed event.

Use **Clock Set** to set the current day and time and to program device IDs. Use as an Enter key during clock setup and ID programming.

Preparation

INSTALLING BATTERIES

Your programmer requires three 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, different types of batteries (standard, alkaline, or rechargeable), or rechargeable batteries of different capacities.
- Do not press any of the VCR Programmer's keys while installing batteries.

Follow these steps to install batteries.

1. Lift the battery compartment cover's tab, then remove the cover.
2. Place the batteries in the compartment as indicated by the polarity symbols (+ and -) marked inside.
3. Replace the cover.

When batteries become low, **LOW BATTERY** appears for one second. Although the VCR Programmer will continue to operate, we recommend replacing the batteries before the screen fades and cannot be seen. Replacing the batteries restores full functionality and does not require you to reprogram manufacturer's codes or programmed events. However, the clock time must be reset to record programs.

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

Caution: If you do not plan to use the programmer for a month or longer, remove the batteries. Batteries can leak chemicals that can destroy electronic parts.



Notes:

- The VCR Programmer is designed to turn itself off when not in use, to conserve battery life.
- Do not place objects on top of the VCR Programmer after you have installed the batteries. This can depress keys for an extended period of time and reduce the battery life.

Device Types

You can use the VCR Programmer's device keys to control the following types of devices:

VCR – VCRs

CBL – Cable converters and satellite receivers

SETTING UP THE PROGRAMMER

Setting the Day and Time

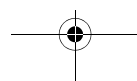
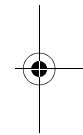
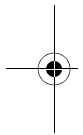
To set the correct day and time on your programmer, perform the following steps in sequence. If you pause for longer than 30 seconds between steps, the programmer exits setup. Begin again.

Note: If you accidentally press the wrong key in a sequence, **INVALID** appears. Simply press the correct key and the sequence will continue uninterrupted.

1. Hold down **CLOCK SET** until **CLOCK SET** appears.

Note: If you see **CODE SET** instead, press **VCR +/-** once. **CLOCK SET** appears.

2. Press **CLOCK SET** once. The current day and time appear or, if the programmer has not been programmed before, the default day and time (e.g., Sunday, 12:00 a.m.)
3. Press **DAY** repeatedly to set the current day, or hold it down to scroll forward through all the days.





4. Press **HOUR +/-** repeatedly to set the current hour, or hold it down to scroll (up or down) through all the hours.

Note: Be sure the hour you select correlates to AM or PM.

5. Press **MINUTE +/-** repeatedly to set the current minute, or hold it down to scroll (up or down) through all the minutes.

6. Check the displayed time against your time reference. If the time is incorrect, repeat necessary steps. If the time is correct, press **CLOCK SET** once to accept your settings. **SUCCESS**, then **EXIT SETUP**, then your programmed day and time appear. The programmer then turns off to conserve battery life.

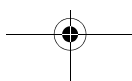
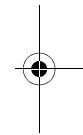
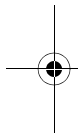
SETTING UP THE DEVICE IDS

The instructions in "Setting Up the Device IDs" and "Testing the Setup" must be performed in sequence without pausing. We suggest you read these sections before starting setup. Pausing for longer than 30 seconds between steps exits the program.

Note: If you accidentally press the wrong key in a sequence, **INVALID** appears. Simply press the correct key and the sequence will continue uninterrupted.

Locate and note the brand names and codes of your VCR and cable converter (or satellite receiver) in "Manufacturers' Codes" on Page 15. The brands are listed in alphabetical order with the most popular codes listed first. Use the appropriate codes to operate your VCR and cable converter (or satellite receiver), if applicable.

Make sure your TV, VCR, and cable converter (or satellite receiver) are turned on, and you are watching the TV through your VCR. If you are using a cable converter (or satellite receiver), your VCR must be set to Channel 3 or 4, and be connected to the cable converter's (or satellite receiver's) output.





Setting Up Your VCR



1. Insert a blank videocassette into your VCR.
2. On the programmer, hold down **CLOCK SET** until **CLOCK SET** appears.
3. Press **VCR +/-** once. **CODE SET** appears.

Note: **VCR +/-** toggles between **CODE SET** and **CLOCK SET**.

4. Press **CLOCK SET** once. **VCR 0000** appears.
5. Repeatedly press **VCR +** to move through the manufacturer's codes, or hold it down to scroll through all the codes. If you bypass your code, press **VCR -** to go back to it.

Note: Only codes available in the code library appear.

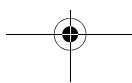
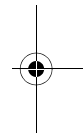
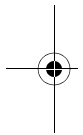
6. Aim the programmer at your VCR and press **RECORD LENGTH** once. **IR** appears and flashes as the programmer tests your VCR. If you have found the correct code, the VCR plays the tape.

If the tape does not play, repeat steps 5–6, trying each code for your brand until you find one that works. If you still cannot find your code, try searching the code library as follows:

- While still in VCR code set-up mode, aim the VCR Programmer at your VCR.
- Slowly alternate between pressing **VCR +** and **RECORD LENGTH**.
- Stop when the VCR begins to play the tape.

Note: If your tape is blank, you will see video noise (or "snow") when the VCR begins to play.

7. Press **CLOCK SET** once to accept your settings. **SUCCESS** appears, then **CRB 0000**.





8. If you have a cable converter (or satellite receiver), go to "Setting Up Your Cable Converter (or Satellite Receiver)".

If you do not have a cable converter (or satellite receiver), press **CANCEL** once to exit cable setup. Move to "Testing the Setup" on Page 10.



Setting Up Your Cable Converter (or Satellite Receiver)

1. Repeatedly press **VCR +** to move through the manufacturers' codes, or hold it down to scroll through all the codes. If you bypass your code, press **VCR -** to go back to it.

Note: Only codes available in the code library appear.

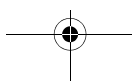
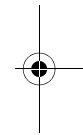
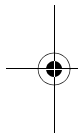
2. Aim the programmer at your cable converter/satellite receiver and press **RECORD LENGTH** once. **IR** appears and flashes as the programmer tests your cable converter (or satellite receiver). If you have found the correct code, the cable converter (or satellite receiver) changes channels.

If the channels do not change, repeat steps 1 and 2, trying each code for your brand until you find one that works. If you still cannot find your code, try searching the code library as follows:

- While still in CBL mode, aim the VCR Programmer at your cable converter (or satellite receiver).
- Slowly alternate between pressing **VCR** and **RECORD LENGTH**.
- Stop when the cable converter (or satellite receiver) changes channels.

3. Press **CLOCK SET** once to accept your settings. **SUCCESS** appears, then **POWER OFF**.

4. Turn off your VCR and cable converter (or satellite receiver) within 5 seconds and move to "Testing the Setup".





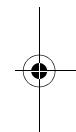
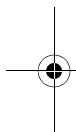
TESTING THE SETUP

Once you have programmed your VCR and (optional) cable converter (or satellite receiver), the programmer performs a test to make sure your devices are programmed correctly.

Due to differences in the way devices are manufactured, four possible tests are required to determine which IR codes created by the programmer will control your devices. If the first test is not successful, try the next three tests in sequence, until you find one that operates your VCR and (optional) cable converter (or satellite receiver).

Note: If you accidentally press the wrong key in a sequence, **INVALID** appears. Simply press the correct key and the sequence will continue uninterrupted.

The first test takes about 30 seconds. If it is successful, the programmer turns on your VCR, switches to channel 13 (or 113, if your VCR uses three digits for channels), records for 10 seconds, stops recording, and turns off your VCR.



If you also have a cable converter (or satellite receiver), a successful test turns on your VCR and cable converter (or satellite receiver), switches it to channel 13 or 113, records for 10 seconds, stops recording, and turns off your VCR and cable converter (or satellite receiver).

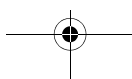
Follow these steps to perform the test.

1. After completing setup, make sure your VCR and cable converter (or satellite receiver) are turned off. **TEST 1** appears.
2. Aim the VCR Programmer at your VCR and/or cable converter (or satellite receiver).
3. Press **CLOCK SET** once to start the first test. **TESTING** appears as the programmer tests your VCR.



10

Preparation





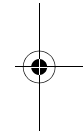
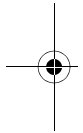
4. When the test is over, **ACCEPT** appears. If the test was successful, your VCR recorded 10 seconds of channel 13 or 113. Press **CLOCK SET** once to accept your settings. **DONE**, **EXIT SETUP**, and your programmed day and time appear. The display then turns off to conserve battery life.

If the test was unsuccessful, press **CANCEL** once. **TEST 2** appears. Repeat Steps 3 and 4. You may have to try tests 3 and 4 in order to find the right test for your devices.

When a test completes and the display turns off, you are ready to program your programmer to record an event.

Note: You do not have to set up your programmer for device IDs again unless you change your brand of VCR or cable converter (or satellite receiver).

Operation



PROGRAMMING AN EVENT

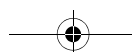
You can follow the numbered steps on the programmer, but you should familiarize yourself with the instructions below before you program an event for the first time.

Note: After programming your event, your VCR and cable converter (or satellite receiver) must be turned off for the programmer to record your program.

To program an event, perform the following steps in sequence. Pausing longer than 30 seconds between steps exits programming.

Note: If you accidentally press the wrong key in a sequence, **INVALID** appears. Simply press the correct key and the sequence continues uninterrupted.

1. Press **UNLOCK** once to access the record mode. The current day, time and the last programmed event appear.





Note: If no event has ever been programmed, the default day and time (**SUNDAY, 12:00 A.M.**), **RECORD LENGTH = 30**, and **CHANNEL = 0** appear.

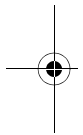
2. Repeatedly press **DAY** to set the day of the week, or hold it down to scroll quickly. You can choose any day of the week, or choose **A - F** for a show that airs every weekday at the same time (a soap opera, for example).

3. Repeatedly press **HOUR +/-** to set the hour, or hold down either key to scroll.

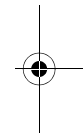
Note: Be sure the hour you select correlates to AM or PM.

4. Repeatedly press **MINUTE +/-** to set the minute, or hold down either key to scroll.

5. Repeatedly press **RECORD LENGTH** to select the length of the program you want to record (30, 60, 90, 120, or 180 minutes).



Choose **CR** for continuous recording (the unit will record until the tape runs out).



6. Depending on which devices you set up, perform one of the following instructions:

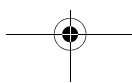
*If you set up both your VCR and cable converter (or satellite receiver), repeatedly press **CBL/SAT +/-**, or hold it down to scroll through the channels.*

*If you set up only your VCR, repeatedly press **VCR +/-**, or hold it down to scroll through the channels.*

7. Press **LOCK** to save your settings. **P** appears.

SUCCESS, EXIT SETUP, and the current day and time appear. The display turns off to conserve battery life.

8. Press **LOCK** again to activate the programmer for recording. The recording information you programmed appears.



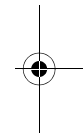
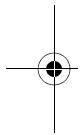


Note: To check programming status, press any key except **CANCEL**. The day, time, channel, record length of your programmed event, and **P** appear, indicating a programmed event. The display then turns off to conserve battery life.

DISABLING AN EVENT

Should you decide not to record an event, you can temporarily disable the event programming. For example, if you will be home to watch your favorite show, but next week, you will want to record it again.

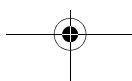
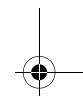
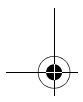
1. Press **CANCEL**. The current day and time and **P** appear, to indicate your event is still programmed. The display then turns off to conserve battery life.
2. The next time you want to tape the show, press **LOCK** to enable the event. The day, time, channel, record length of your programmed event, and **P** appear, indicating an event has been programmed. The display then turns off to conserve battery life.



CANCELLING AN EVENT

Before you can program a new event, you must first cancel the previously programmed event.

1. Press **UNLOCK**. The day, time, record length, and channel for the show you previously programmed, and **P** appear.
2. Press **CANCEL**. The current day and time appear and the display turns off to conserve battery life.
3. Press **UNLOCK** to program a new event.



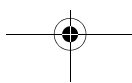
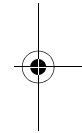
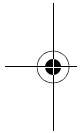


Troubleshooting



If your VCR does not record a show after you successfully programmed an event:

- Make sure the VCR Programmer is placed so that its top is aimed at your VCR and cable converter (or satellite receiver).
- Make sure the event has not been disabled. Press any key except **CANCEL** to show programming status. If the day and time of your event do not appear, the event has been disabled. Press **LOCK** to enable it. See “Disabling an Event” on Page 13.
- Make sure the event has not been canceled. Press any key except **CANCEL** to display the programming status. If the day and time do not appear, the event has been canceled and must be reprogrammed. See “Programming an Event” on Page 11.
- Make sure the programmer’s batteries are working. You might need new batteries.



Manufacturers' Codes

Manufacturer	Code
Setup Codes For VCRS	
Admiral	0048, 0209
Adventura	0000
Aiko	0278
Aiwa	0037, 0000, 0307
Akai	0041, 0049, 0053, 0061, 0106
America Action	0278
American High	0035
Asha	0240
Audiovox	0037
Beaumark	0240
Bell & Howell	0104
Brooksonic	0184, 0121, 0209, 0002, 0211, 0295, 0361, 0479
CCE	0072, 0278
Calix	0037
Canon	0035
Capehart	0020
Carver	0081
Cineral	0278
Citizen	0037, 0278
Colt	0072
Craig	0037, 0047, 0240, 0072, 0271
Curtis Mathes	0060, 0035, 0041, 0760
Cybernex	0240, 0051
Daewoo	0045, 0278, 0020, 0561
Daytron	0020
Denon	0042
Dynatech	0000
Electrohome	0037
Electroponic	0037

Manufacturer	Code
Emerex	0032
Emerson	0037, 0184, 0000, 0121, 0043, 0209, 0002, 0278, 0036, 0061, 0068, 0088, 0208, 0211, 0212, 0294, 0295, 0361, 0479, 0561
Fisher	0047, 0104, 0054, 0066
Fuji	0035, 0033
Funai	0000
GE	0060, 0035, 0048, 0240, 0065, 0202, 0760, 0761
Garrard	0000
Go Video	0232, 0432, 0526, 0643
GoldStar	0037, 0038, 0480
Gradiente	0000, 0008
Grundig	0195
HI-Q	0047
Harley Davidson	0000
Harman/Kardon	0081, 0038, 0075
Harwood	0072, 0068
Headquarter	0046
Hitachi	0000, 0042, 0041, 0065, 0082, 0105
Hughes Network Systems	0042
JVC	0067, 0041, 0008, 0206
Jensen	0041
KEC	0037, 0278
KLH	0072
Kenwood	0067, 0041, 0038
Kodak	0035, 0037
LXI	0037
Lloyd's	0000, 0208
Logik	0072
MEI	0035
MGA	0240, 0043, 0061
MGN Technology	0240

Manufacturer	Code
MTC	0240, 0000
Magnasonic	0278, 0593
Magnavox	0035, 0039, 0081, 0000, 0149
Magnin	0240
Marantz	0035, 0081
Marta	0037
Matsushita	0035
Memorex	0035, 0037, 0048, 0039, 0047, 0240, 0000, 0104, 0209, 0046, 0268, 0299, 0307, 0479
Minolta	0042, 0105
Mitsubishi	0048, 0067, 0043, 0061, 0075, 0173
Motorola	0035, 0048
Multitech	0000, 0072
NAD	0058
NEC	0104, 0067, 0041, 0038, 0040, 0082
Nikko	0037
Nikon	0034
Noblex	0240
Olympus	0035
Optimus	0037, 0048, 0104, 0058, 0432, 0568, 0593, 0619
Optonica	0062
Orion	0184, 0209, 0002, 0295, 0479
Panasonic	0035, 0077, 0225, 0616
Penney	0035, 0037, 0240, 0042, 0038, 0040, 0054
Pentax	0042, 0065, 0105
Philco	0035, 0209, 0479
Philips	0035, 0081, 0062, 0618
Pilot	0037
Pioneer	0067, 0058
Polk Audio	0081
Portland	0020

Manufacturer	Code
Profitronic	0240
Proscan	0060, 0202, 0760, 0761
Protec	0072
Pulsar	0039, 0051
Quarter	0046
Quartz	0046
Quasar	0035, 0077
RCA	0060, 0035, 0048, 0240, 0042, 0149, 0065, 0077 0105, 0106, 0202, 0619, 0760, 0761
RadioShack	0000, 0162
Radix	0037
Randex	0037
Realistic	0035, 0037, 0048, 0047, 0000, 0104, 0062, 0046, 0066
ReplayTV	0614, 0616
Ricoh	0034
Runco	0039
STS	0042
Salora	0075
Samsung	0240, 0045, 0051, 0053
Samtron	0643
Sanky	0048, 0039
Sansui	0000, 0067, 0209, 0041, 0082, 0271, 0479
Sanyo	0047, 0240, 0104, 0046, 0268
Scott	0184, 0045, 0121, 0043, 0210, 0211, 0212
Sears	0035, 0037, 0047, 0000, 0042, 0104, 0046, 0054, 0066, 0105
Semp	0045
Sharp	0048, 0062
Shintom	0072
Shogun	0240, 0051
Singer	0072
Sony	0035, 0032, 0000, 0033, 0034

Manufacturer	Code
Sylvania	0035, 0081, 0000, 0043
Symphonic	0000, 0593
TMK	0240, 0036, 0208
Tatung	0041
Teac	0000, 0041
Technics	0035
Teknika	0035, 0037, 0000
Thomas	0000
Tivo	0618
Toshiba	0045, 0043, 0066, 0210, 0212, 0366
Totevision	0037, 0240
Unitech	0240
Vector	0045
Vector Research	0038, 0040
Video Concepts	0045, 0040, 0061
Videosonic	0240
Wards	0060, 0035, 0048, 0047, 0081, 0240, 0000, 0042, 0072, 0149, 0062, 0212, 0760
White Westinghouse	0209, 0072, 0278
XR-1000	0035, 0000, 0072
Yamaha	0038
Zenith	0039, 0000, 0209, 0033, 0034, 0479, 0637
Setup Codes for Cable	
ABC	0003, 0008, 0014, 0017, 0007, 0011, 0001, 0013, 0033
Allegro	0153, 0315
Americast	0899
Antronix	0022, 0207
Archer	0153, 0022, 0039, 0207, 0797
BBT	0267
Belcor	0056
Bell & Howell	0014

Manufacturer	Code
Bell South	0899
Cable Star	0056
Cabletenna	0022
Cableview	0022
Century	0153
Citizen	0153, 0315
Colour Voice	0025, 0031
Comband	0232, 0233
Comtronics	0040, 0060
Contec	0019
Digi	0637
Eastern	0002
Electricord	0078
Emerson	0797
Everquest	0015, 0040
Focus	0400
GC Electronics	0056, 0207
GE	0232, 0233
GMI	0057
Garrard	0153
Gemini	0015, 0057, 0070, 0242, 0797
General Instrument	0476, 0276, 0011, 0810
GoldStar	0144, 0040
Goodmind	0797
Hamlin	0020, 0259, 0009, 0034, 0273
Hitachi	0011
Hytex	0007
Jasco	0015, 0153, 0315
Jerrold	0003, 0012, 0476, 0276, 0014, 0015, 0011, 0024, 0810
Linsay	0440
Macom	0033
Magnavox	0027, 0334
Memorex	0000

Manufacturer	Code
Movie Time	0063, 0078, 0156
NSC	0063, 0070, 0156
Novaplex	0618
Oak	0019, 0007
Optimus	0021
Panasonic	0000, 0107, 0021
Panther	0637
Paragon	0000
Philips	0153, 0025, 0027, 0031, 0242, 0290, 0334
Pioneer	0144, 0023, 0260, 0533, 0877
Popular Mechanics	0400
Prelude	0770
Pulsar	0000
Quasar	0000
RCA	0021
RadioShack	0015, 0303, 0315, 0797, 0883
Realistic	0207
Recoton	0400
Regal	0020, 0259, 0273, 0279
Regency	0002
Rembrandt	0011, 0070
Runco	0000
SL Marx	0040
Samsung	0144, 0040
Scientific Atlanta	0008, 0477, 0017, 0006, 0877
Seam	0510
Signal	0015, 0040
Signature	0011
Sprucer	0021
StarSight	0422, 0542
Starcom	0003, 0015
Stargate	0015, 0040, 0770, 0797
Starquest	0015

Manufacturer	Code
Sylvania	0001
TFC	0310
TV86	0063
Tandy	0258
Tatung	0097
TeleCaption	0221
Televue	0040
Texscan	0001
Timeless	0418
Tocom	0012, 0013
Toshiba	0000
Tusa	0015
Unika	0153, 0022, 0207
United Artists	0007
Universal	0153, 0022, 0039, 0056, 0077, 0078, 0191, 0207
Viewstar	0063, 0027, 0060, 0258
Zenith	0000, 0054, 0525, 0899
Zentek	0400
Setup Codes for Satellite Receivers	
AlphaStar	0772
Chaparral	0216
Echostar	0775, 1005
Expressvu	0775
General Instrument	0627, 0361, 0869
HTS	0775
Hitachi	0819
Hughes Network Sys- tems	0749
JVC	0775
Jerrold	0627, 0361
Magnavox	0724, 0722
Memorex	0724
Next Level	0869

Manufacturer	Code
Panasonic	0701
Philips	0724, 0722, 0775
Primestar	0627, 0361
RCA	0566, 0143, 0392, 0855
RadioShack	0869
Sony	0639
Star Choice	0869
Toshiba	0749, 0790
Uniden	0724, 0722
Zenith	0856

Specifications

Power 3 AAA Batteries
IR Control Range 26 ft ± 30°
(≥8 meters)
Dimensions (HWD) 6¹/₂ × 2¹/₂ × 1¹/₄ in
(165.1 mm × 63.5 mm × 31.75 mm)
Weight (without batteries) 4 oz
(113.3g)

Limited Ninety-Day Warranty

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