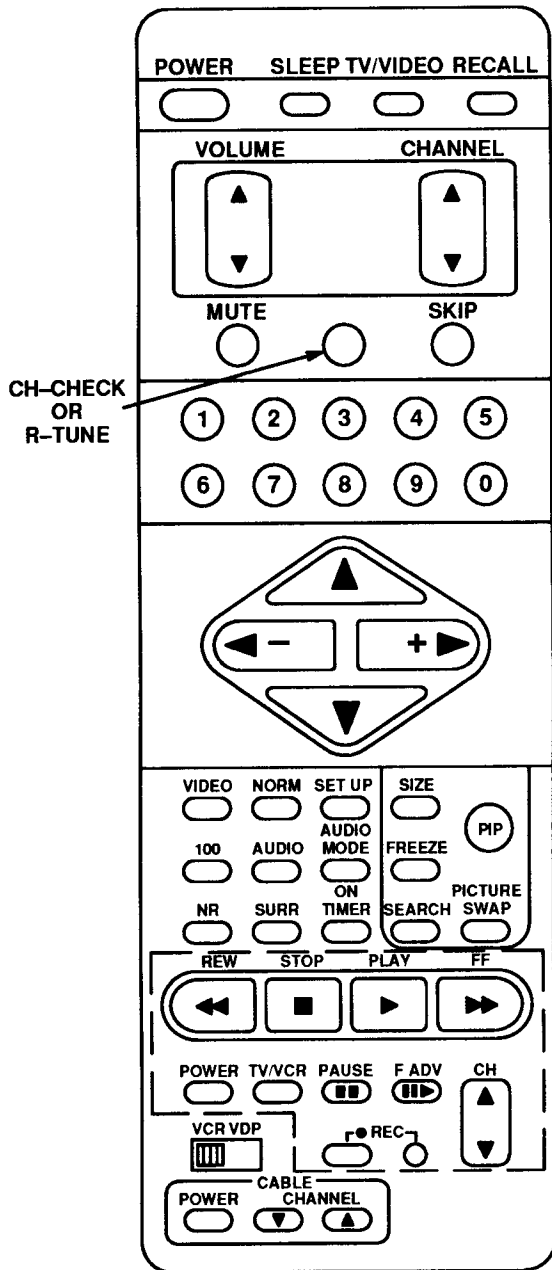


Programming The Universal Remote Control

The Universal infra-red Remote Control supplied is capable of operating selected brands of VDP and many brands of VCRs and Cable Television Converter boxes which operate with an infra-red Remote Control. This allows you the advantage of needing only one remote to operate the TV, VDP, VCR and Cable Television Converter box.

NOTE: The Universal Remote Control memory is limited. Some models of VDPs, VCRs or Cable Television Converter boxes may not operate. The Universal Remote Control is not designed to control all features that are available in all models.



The TV FUNCTION buttons are preprogrammed.

VDP FUNCTION buttons (Video Disc Player) infra-red codes are preprogrammed. VCR FUNCTION buttons allow the user to program the correct infra-red code necessary to operate selected brands of VCRs (default code is 00).

CABLE TELEVISION buttons allow the user to program the correct infra-red code necessary to operate selected brands of cable television converter boxes (default code is 01).

Remote Control

The proper infra-red code for the VCR Function buttons and cable TV buttons can be obtained two ways.

1. Use the infra-red access codes
2. "Sequence method"

Programming Universal Remote Using Infra-Red Access Codes for VCRs

- Confirm VCR is plugged in and operating properly, then turn OFF.
- Determine brand of VCR.
- Identify code(s) associated with the brand in the infra-red code index for VCRs (located in this manual).

Procedure

1. Place the Universal Remote VCR/VDP switch in the VCR position.
2. Press and hold VCR POWER button down on Universal Remote.
3. Enter two digit code using keyboard "0" through "9" buttons. The VCR should turn ON.

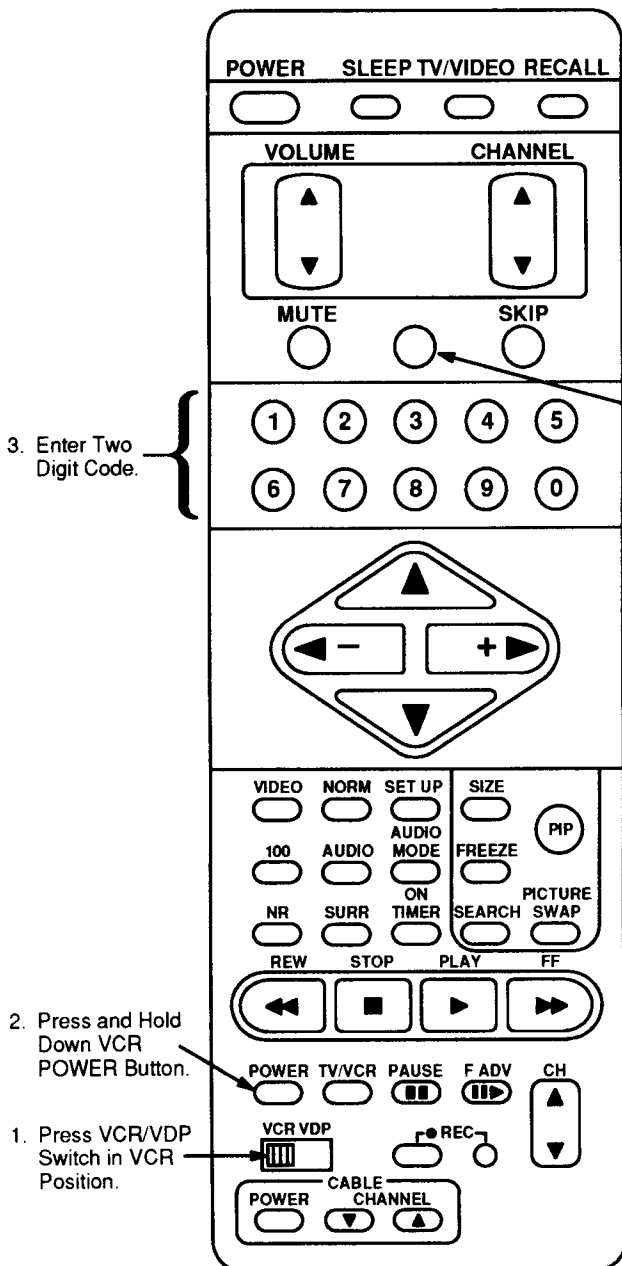
NOTE: Some brands have multiple codes, repeat procedure using each code listed until VCR responds correctly.

Programming Universal Remote Using the "Sequence Method" for VCRs

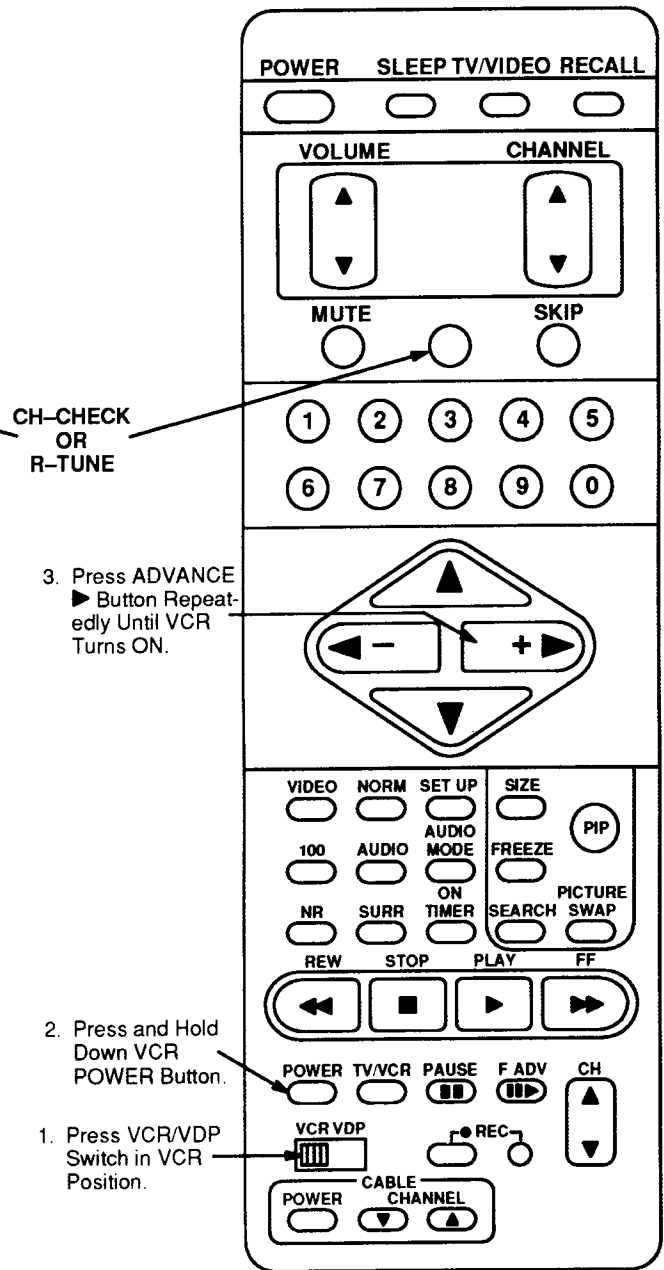
- Confirm VCR is plugged in and operating properly, then turn OFF.

Procedure

1. Place the Universal Remote VCR/VDP switch in the VCR position.
2. Press and hold VCR POWER button down on Universal Remote.
3. Press ADVANCE ► button repeatedly. Check for the VCR to turn on after each press. Stop pressing the button when the VCR turns on. The proper infra-red code has now been accessed. **NOTE:** It may take as many as 40 attempts before the correct code is found. The ADVANCE ◀ button can be used to return to a code that was accidentally passed by.



Remote Control



Remote Control

Infra-Red Code Index For VCRs

VCR Brand	Code(s)	VCR Brand	Code(s)
Akai	03, 22, 23	NEC	02, 14, 16, 30
Audio Dynamics	14, 16	Panasonic	00
Broksonic	10	Pentax	05
Canon	00	Philco	00, 29
Capehart	01	Philips	00, 29
Citizen	09	Pioneer	05
Craig	12	Quasar	00
Curtis Mathes	00, 08, 15	RCA	05, 07, 08, 28, 35
DBX	14, 16	Realistic	00, 02, 06, 12, 15
Emerson	10, 20, 34, 35, 36, 37	Samsung	07, 32
Fisher	12, 18, 19	Sanyo	02, 12
Funai	15	Scott	04, 13, 33, 36
GE	00, 07, 08, 32	Sears	02, 05, 18, 19
Goldstar	09	Sharp	06, 24
Hitachi	05, 35, 36	Shintom	31
Instant Replay	00	Sony	17, 26, 33, 34
JCPenney	00, 02, 05, 14, 16, 30	Sylvania	00, 29
JVC	02, 14, 16, 30	Symphonic	15
Kenwood	02, 14, 16, 30	Tashiko	09
Magnavox	00, 29	Tatung	30
Marantz	02, 14, 16, 29, 30	Teac	15, 30
Marta	09	Teknika	21
Memorex	00, 12	Toshiba	05, 13
MGA	04, 27	Vector Research	14, 16
Minolta	05	Video Concepts	14, 16
Mitsubishi	04, 27	Wards	06, 25
Montgomery Ward	06	Yamaha	02, 14, 16, 30
Multitech	07, 15, 32	Zenith	11, 17

Infra-Red Code Index For Cable Television Converter Box

Brand of Cable-TV Box	Code(s)	Brand of Cable-TV Box	Code(s)
Anvision	07, 08	Philips	07, 08, 19, 26, 28, 29, 32, 33, 40, 41
Cablestar	07, 08	Pioneer	18, 20
Eagle	08	Randtek	07, 08
Eastern International	02	RCA	27
General Instrument	04, 05, 15, 23, 24, 25, 30, 36	Regal	12, 13
Hamlin	12, 13, 34	Regency	02
Jerrold	04, 05, 15, 23, 24, 25, 30, 36	Scientific Atlantic	03, 22
MACOM	37	Sylvania	11
Magnavox	07, 08, 19, 26, 28, 29, 32, 33, 40, 41	Teknika	06
NSC	09	Texscan	10, 11
Oak	14, 16, 38	Tocom	17, 21
Oak Sigma	16	Unika	31
Panasonic	27, 39	Viewstar	07, 08, 19, 26, 28, 29, 32, 33, 40, 41
		Zenith	01, 42