

Operation

Use of the remote control

Source Select

Press this button repeatedly to select **AV1, AV2, AV3, AV4, AV5**, FRONT, VGA or TV Channels when in TV mode, according to where you connected the accessory devices (p. 24).

Remark in VGA mode only some buttons are valid. See VGA menu, p. 24.

TV CBL VCR AMP HD SAT DVD CD

Press one of these buttons to use the remote control in the TV, CBL, VCR or Amplifier mode as indicated above the button. A green indicator lights up. Press the same button again more than 1 second to use the remote control in the mode indicated below the button (HD, satellite, DVD or CD). A red indicator lights up.

Press the button again more than 1 second to return to the function named above the button.

Picture format

Press this button to summon a list of available picture formats for showing video images in the traditional 4:3 proportions. Press this button repeatedly or press the cursor up/down to select another picture format: Automatic, Superzoom, 4:3, Movie Expand 14:9, Movie Expand 16:9, 16:9 Subtitle, Widescreen.

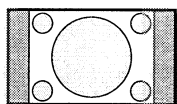
Automatic makes the picture fill the screen as much as possible.

Superzoom removes the black bars on the sides of 4:3 programs with minimal distortion.

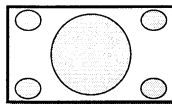
When in Movie Expand 14:9, 16:9 or Superzoom picture format, you can make subtitles visible with the cursor up/down.

Note: In VGA mode press the  button to switch between a 4:3 or a Widescreen picture format.

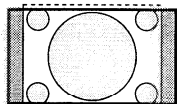
In Dual Screen mode press the  button to switch between a full or a 4:3 letterbox picture format.



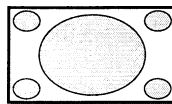
4:3



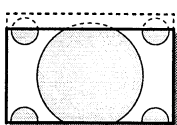
Super zoom



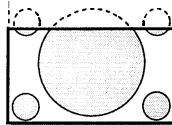
Movie expand 14:9



Wide screen



Movie expand 16:9



16:9 Subtitle

POWER

Press to turn on/off the TV.

The TV is never powered off completely unless it is physically unplugged.

Surround mode on/off

- In MONO sound mode, this feature, when switched on, enables you to hear a special effect of sound.
- In STEREO sound mode, when Surround mode is switched on, it seems as though the loudspeakers are spread further apart from one another.

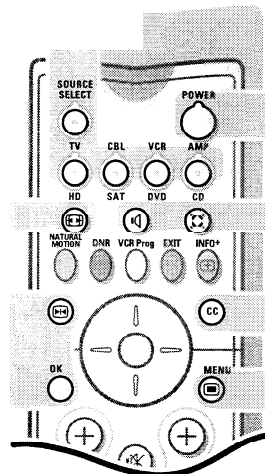
Alternate audio

When you tune a channel where SAP (Second Audio Program) is available, you can toggle between Main and SAP. If not available, only Main can be selected.

CC Closed Caption

On/Off/On with Mute see p. 14

Main menu on/off see p. 9



Freeze Format

This function is not available with a VGA or HD source.

See Settings menu, General, Freeze format, p. 10 where you can select among three modes to be displayed when the freeze button is pressed on the remote control: Freeze, Replay, Photo Finish.

When the mode is Freeze: press the  button to activate/de-activate a frozen picture. The audio continues to play.

When the mode is Replay: press the  button to redisplay a few seconds of stored video in a single PIP window. Press the OK button to display a few seconds of a new stored video picture.

When the mode is Photo Finish: press the  button to display 12 PIP windows of stored video pictures. Press the OK button to display a new series of frozen pictures.

Note: Continuing to hold the  button down will cycle the TV through the various modes (Freeze, Replay, Photo Finish).

OK Press this button to activate your choice or to confirm when in the menus.

NATURAL MOTION

Press this button repeatedly to select On or Off. See TV menu, Picture menu, Digital Natural Motion, p. 12.

DNR Digital Noise Reduction

Press this button repeatedly to select Off, Minimum, Medium or Maximum. See TV menu, Picture menu, p. 12.

VCR Prog (Only functional in VCR mode.)

Many VCRs have an automatic programming function. If your VCR has this function, the universal code set will assign it to this button.

VOL Volume

Press + or - to adjust the volume.

Mute

Interrupt the sound or restore it

CH Channel selection

To browse through the TV channels or sources stored.

VCR functions see p. 25

EXIT

Press this button to exit the menus provided by universal devices like VCR, SAT, DVD,...

INFO + Display information

Press this button to display (when available) information about the current channel and program or source.

The information display is divided in two zones.

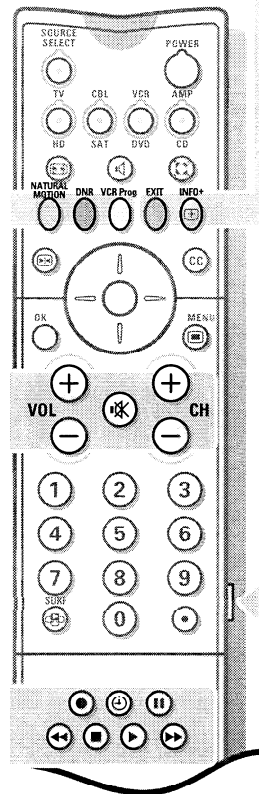
The upper zone may present the local time and information on the current channel: number, name, video and audio formats of the incoming signal, CC availability, availability of alternate or secondary audio programs (a plus sign appears if you have more than one choice), ratings and program title if available.

The lower zone presents information about the currently selected settings: display format, sound mode and (if on) the Sleep Timer icon and the minutes remaining.

11	WPIX	12:47
4:3	Stereo	
(cc) MAIN+	TV-PG-DLSV	
Kids with Guns		
Widescreen		
Surround		
05:22		

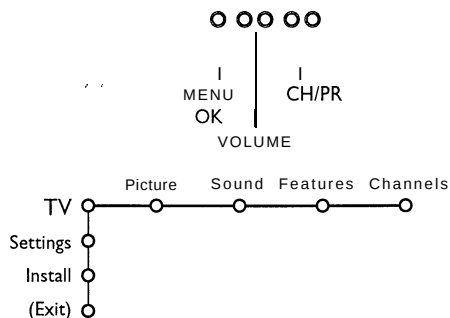
Backlighting button

Press this button on the right side of the remote control. The backlighting of the buttons VOL, CH, Mute and the digit buttons stays on for 5 seconds after pressing the button.



Buttons in front of the TV receiver box

Should your remote be lost or broken you can still change television settings by using the buttons on the front of the TV receiver box.



- Press the VOLUME - or + button to adjust the volume.
- Press the CH/PR - and + button to browse through the TV channels or sources stored and to select them.
- Press the MENU button to summon the main menu.

Use the VOLUME - and + buttons to select the menu item.

Use the CH/PR - and + buttons to select the TV, Settings, Install menu or Exit, or to select the submenu items.

Note:

- Sometimes not all the menu items are visible on the screen;

Press the CH/PR + button to reveal all items.

- The Exit menu lets you dismiss the menu. Select Exit and press the MENU button.

Use of the remote control

Surf

With this feature you can easily switch between different TV channels/sources that currently interest you.

In the menu system, you can set surf to two- or nine-channel.(See Settings, General Surf, p. 10.)

Press this button to select the previously viewed TV channel or source in case of a Two channel surf, or to select the surf ring in case of a Nine channel surf.

In case of a Nine channel surf, a list appears at the right side of the screen. On top, the most recently added.The puck is on the channel number currently viewed.

Press the  button to turn to the next channel in the list or press cursor up/down to immediately select the desired TV channel of the list.

To add a new channel or source: tune to the channel or source you wish to add.

Press the  button. Press the cursor right to add.

If there are already nine channels/sources in the list, the one at the bottom of the list will be removed.

To remove a channel or source: select the channel number you want to remove.

Press the  button. Press the cursor right to remove.

Press the OK button or wait for the time out to dismiss the Surf display.

Active Control

Active Control is a pro-active and automatic system.The TV continuously measures and corrects all incoming signals in order to provide the best picture possible.

According to the monitor connected (with or without an Ambient Light Sensor which measures the light conditions of the room), the Active Control functionality may differ.

With a monitor without a light sensor:

Press the  button to select the the Active Control values Off or On.

With a monitor with a light sensor:

Press the  button repeatedly to select the Active Control values Off, Minimum, Medium or Maximum (recommended)

Minimum/On Sharpness, Dynamic Contrast and Noise Reduction are controlled automatically

Medium Sharpness, Colour, Dynamic Contrast and Noise Reduction are controlled automatically

Maximum Sharpness, Colour, Contrast, Dynamic Contrast and Noise Reduction are controlled automatically

Press the cursor in the right direction to select INFO.

The Active Control Demo appears.

The picture settings are being adapted continuously and automatically.

The sliders will be moving, showing how the TV is tweaking the current picture.

None of the sliders is user controllable.

Press the OK button to switch off the Demo.

Note: Active Control is not available for digital signals via AV4.

Auto Buttons

To select predefined picture and sound settings.

Note: The Auto buttons are disabled when a VGA source is being displayed.

Sound

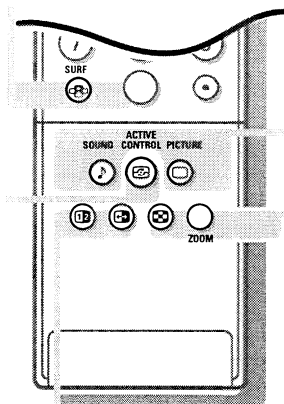
Press this button to show a list of predefined sound settings, each corresponding with specific factory settings of treble and bass.You can also use the cursor up/down.

Picture

Press this button to show a list of predefined picture settings, each corresponding with specific factory settings of Contrast, Color, Sharpness, DNR, Dynamic Contrast and Color enhancement.You can also use the cursor up/down.

Personal refers to the personal preference settings of picture and sound selected in the picture and sound menu.

Remark the moment you are in a predefined auto sound or picture setting and you modify a setting in the picture or sound menu, all values of the menu will overwrite the previously made personal settings.



Multi-PIP

Press  to turn on/off Multi-PIP

The Multi-PIP format that launches on the button press is determined by the selection you made in the Multi-PIP Format list in the General menu, see Settings, General, p. 10 and Multi-PIP, p. 18.

Note: Continuing to hold the  button down will cycle the TV through the various formats (PIP3, PIP8, PIP12), launching a new format after each second the button is held down. Changing the format this way does not store the selected format.

Press the  button again to return to a full main screen picture.

ZOOM

Press the ZOOM  button to activate the zoom function.

Press the OK button repeatedly to select one of the zoom magnifications (x1, x4, x9, x16).

Additionally you can shift the selected zoom window over the screen with the cursor buttons up/down, left/right or in a diagonal way.

The zoom window is reset after selecting another TV channel, another display format or when another display format is selected automatically.

Zooming is disabled in Dual Screen,VGA and HD modes.

Press the ZOOM  button again to deactivate the zoom function.

Dual Screen/PIP on/off

See Settings, General menu, p. 10 and Dual Screen/PIP, p. 17

Switching screens in Dual Screen or PIP

See Settings, General menu, p. 10 and Dual Screen/PIP, p. 17.

Setting the remote control to work accessory devices

Your remote control is set to work your TV and many infrared remote (IR) control VCRs, Cable TV Converter Boxes, DVD players, Satellite Receivers, etc.

Press the VCR, DVD, SAT, HD, CD, CBL or AMP button according to the accessory device you want to operate with this remote control.

Toggle if needed by pressing more than one second until the correct colored LED lights up. See Use of the Remote control, p. 5.

If the function buttons on the remote control also work the selected accessory device, then the remote is ready and no further steps are needed.

If the functions buttons do not work the selected accessory device

According to the device(s) you own, you may make your remote control ready for them by a direct entry code. Proceed as following.

Code Setup

➊ Press the desired mode button (toggle if needed by pressing more than one second) to select the device, which you need to setup.

➋ Press the **digit buttons 1 and 3** at the same time, for about 5 seconds, and until the backlighting buttons and the selected mode button light up.

➌ Enter with the digit buttons and within 30 seconds, the 4 digit remote code no. for your brand of accessory device. See pages 26 and 27.

Note: If no code or an incomplete code is entered within 30 seconds, the backlight and selected mode button will turn *off* and give a long blink before returning to the previous programmed code.

If a valid 4 digit code is entered the backlight and the selected mode button, will turn off and then blink twice. The remote control will assign that code no. to the mode selected.

Remark If more *than* one number is listed for your device, you may have to try the other codes until your device operates with the remote.

If after repeated attempts the code number method does not work for your accessory device, try the Auto Search method following.

Auto Search method

➊ Turn on the desired device (VCR, Cable box, etc.).

➋ Press the desired mode button to select the device which you need to search. Point the remote control toward the accessory device. Stand at least six feet away from the front of the device. Make sure you are in the line of sight of the IR receiving eye of your device.

➌ Press the **digit buttons 1 and 3** at the same time, for about 5 seconds, and until the backlighting buttons and the selected mode button light up.

➍ Press and release the red **POWER** button.

The backlighting button and the selected mode button will turn off.

The remote control will automatically start stepping to the next code in the library simultaneously sending the code for channel up for that particular ID.

The backlighting buttons and the selected mode buttons will give a short blink after each search. Watch the channel number indicator on your device.

Channel numbers will scan up when the unit has been identified. This may take some minutes.

Note: for devices *DVD* and *CD*, insert a disc and press *PLAY* on the device. The remote control will send the command next track. Switch *AV* receivers to *TUNER* function.

➎ Press and release the red **POWER** button as soon as the channel numbers start to scan up.

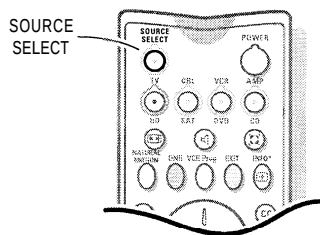
The remote control will assign that code no. to the mode selected.

The backlight and the selected mode button will blink twice to indicate the code setup has been completed.

The remote control is ready to operate with the accessory device.

Note: *If* any other button is pressed, or no button is pressed during Auto Search, the Search will be ended. The backlighting and selected mode button will give a long blink. The remote keeps its previous code.

To select connected devices



Equipment connected to the rear or to the front side of the receiver box
Press the **SOURCE SELECT** button repeatedly to select **AV1, AV2, AV3, AV4, AV5, FRONT** or **VGA**, according to where you connected your devices at the rear or the front side of your receiver.

Press the **OK** button to confirm.

Remark : Most equipment (decoder; video recorder) carries out the switching itself
This is however never the case with a computer connected to the **VGA** input.

If you want to change **to TV** channels?

Enter the channel number of the **TV** channel which you want to watch with the digit buttons.

VGA menu

Only available when a **VGA** source has been connected and activated. See also the separate supplied instruction manual with your *monitor*.

- 1 Select **VGA** with the **SOURCE SELECT** button.
- 2 Press the **MENU**  button to switch on the **VGA** menu.



- 3 Select one of the menus with the cursor left/right.
Note: Only when you have chosen the US English language, the menu items will be displayed with additional icons.
- 4 Select one of the menu items with the cursor up/down.
See the separate booklet supplied with the monitor.

Picture 1

-  Brightness,
-  Contrast,
-  Color temperature,
-  Sharpness.

Picture 2

-  Format,
-  zoom,
-  **Zoom factor**,
-  **Shift**,
-  Clock frequency,
-  Phase

Sound

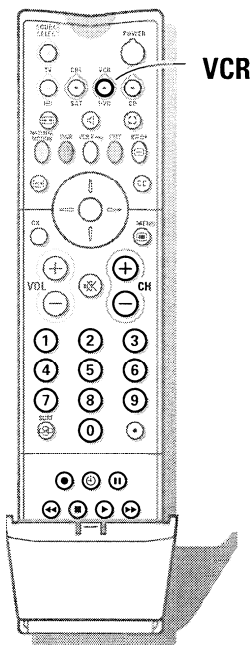
-  Volume,

Setup

-  Language,

- 5 Press the cursor left/right to alter the selected adjustment.
- 6 Press the  button again to switch off the **VGA** menu.

VCR Control buttons



Most of the audio and video devices from our range of products can be operated with the remote control of your TV

press the VCR, DVD, SAT, HD, CD, CBL or AMP button according to the devices you want to operate with this remote control. See Use of the remote control, p. 5.

VCR buttons

After you pressed the VCR button, press one of the VCR buttons under the door of the remote control:

- for record,
- ⌚ VCR timer,
- || for pause,
- ◀◀ for rewind,
- for stop,
- ▶ for play,
- ▶▶ for fast forward,
- CH + for sequential channel selection from the video recorder tuner,
- 0 to 9 to select a channel number from your video recorder tuner,

These buttons function *with devices that uses the RC5 signalling standard.*

Record with your VCR

To record S-VHS quality, connect an S-VHS peripheral directly to the VCR.

Record a TV program

You can record a TV program using your VCR's tuner without affecting your TV

- 1 Select the channel number on your VCR.
- 2 Set your VCR to record.
See the handbook for your VCR.

Switching channel numbers on your TV does *not* disturb recording !

Record to VCR from VIDEO OUT

You can record a program on your VCR from the TV tuner via VIDEO OUT.

- 1 Switch on the device.
- 2 Select the correct channel on your TV and the correct input on your VCR.
- 3 Set your VCR to record.
You record the tuner channel of the TV, even when you switch to an AV input using the SOURCE SELECT button on the remote control.

Do not switch *channels* or turn of your TV when you *are* recording through VIDEO OUT.

Note: When a 7-V channel or AV source is blocked *because of a rating* set via the Channels menu (see p.14), also the record output picture *and* sound are muted.

Remote Control Direct Entry Codes for Accessory Devices

Amplifiers Remote Code No.

Aiwa	.043 3
Carver	.0296
Curtis Mathes	.0327
Denon	.0187
GE	.010 5
Harman/Kardon	.0919
JVC	.0358
Linn	.029 6
Magnavox	.0296
Marantz	.0296, 0348
Nakamichi	.0348
Optimus	.0422
Panasonic	.0335
Philips	.0296, 0919
Pioneer	.0040, 0327
Realistic	.0422
Sansui	.0348
Sony	.0716, 0247
Soundesign	.0105
Technics	.0335
Victor	.0358
Wards	.0040, 0105
Yamaha	.0381

Cable Remote Code No.

ABC	.0030, 0028, 0034, 0035, 0038, 0040, 0041, 0044
Allegro	.0180, 0342
Americast	.0926
Antronix	.0049
Archer	.0049, 0180, 0824
Belcor	.0083
Bell & Howell	.0041
Cable Star	.0083
Cabletenna	.0049
Cableview	.0049
Century	.0180
Citizen-	.0180, 0342
Colour Voice	.0052
Comtronics	.0067
Contec	.0046
Eastern	.0029
Emerson	.0824
Everquest	.0042, 0067
Focus	.042 7
GC Electronics	.0083
Garrard	.0180
Gemini	.004 2
General Instrument	.0303, 0503, 0038, 0837
GoldStar	.0067, 0171
Goodmind	.082 4
Hamlin	.0047, 0036, 0286, 0061
Hitachi	.0038
Hytex	.003 4
Jasco	.0042, 0180, 0342
Jerrold	.0030, 0039, 0303, 0041, 0038, 0503, 0042, 0837
Memorex	.0027
Movie Time	.0090
NSC	.009 0
Oak	.0046, 003 4
Optimus	.0048
Panasonic	.0048, 0134, 0027
Paragon	.0027
Philips	.0052, 0180
Pioneer	.0171, 0560, 0904
Popular Mechanics	.0427
Pulsar	.0027
Quasar	.0027
RCA	.0048

Radio Shack	.0042, 0342, 0910, 0824
Recoton	.0427
Regal	.0047, 0286
Regency	.002 9
Rembrandt	.0038
Runco	.002 7
SL Marx	.0067
Samsung	.0067, 0171
Scientific Atlanta	.0035, 0044, 0504, 0904
Signal	.0042, 0067
Signature	.0038
Sprucer	.0048
Starcom	.0030, 0042
Stargate	.0067, 0042, 0824
Starquest	.0042
Sylvania	.0028
TV86	.009 0
Tandy	.028 5
Televue	.0067
Texscan	.0028
Tocom	.0039, 0040
Toshiba	.0027
Tusa	.004 2
Unika	.0180, 0049
United Artists	.0034
Universal	.0049, 0083, 0180, 0218
Viewstar	.0285, 0090
Zenith	.0027, 0552, 0926
Zentek	.0427

CD Players Remote Code No.

Aiwa	.0184
Burrnester	.0447
California Audio Labs	.0056
Carver	.0184, 0206, 0464
DKK	.002 7
Denon	.0030, 090 0
Emerson	.0332
Fisher	.0201, 0206
Garrard	.0420, 0447
Genexxa	.0059, 0332
Harman/Kardon	.0200, 0184
Hitachi	.0059
JVC	.0099
Kenwood	.0055, 0217, 0853, 0064, 0653, 0708
Krell	.0184
LXI	.0033 2
Linn	.018 4
MCS	.005 6
MTC	.0044 7
Magnavox	.0184, 0332
Marantz	.0184, 0056, 0207
Mission	.0184
NSM	.0184
Nikko	.0201
Onkyo	.0128, 0895
Optimus	.0447, 0059, 0206, 0495, 0464, 0332, 0027, 0064, 0172
Panasonic	.0056, 0330
Parasound	.0447
Philips	.0184, 0653
Pioneer	.0059, 0495, 0271, 0332
Proton	.0184
QED	.0184
Quasar	.0056
RCA	.0080, 0332, 0206, 0791
Realistic	.0206, 0207, 0447
Rotel	.0184, 0447
SAE	.018 4
Sansui	.0184, 0332

Sanyo	.020 6
Scott	.0332
Sears	.0332
Sharp	.0064, 0207, 0888
Sherwood	.020 7
Sony	.0027, 0212, 0517
Soundesign	.0172
Tascam	.0447
Teac	.0420, 0447, 0201, 0207
Technics	.0330, 0056
Victor	.009 9
Wards	.0080, 0184
Yamaha	.0214, 0063
Yorx	.048 8

Receivers Remote Code No.

ADC	.055 8
Adcom	.064 3
Aiwa	.0148, 0432, 0185, 0216
Akai	.0251, 0103
Capetronic	.0558
Carver	.0035, 0216, 0387, 0069
Casio	.0222
Clarinette	.0222
Curtis Mathes	.0107
Denon	.0031, 0798, 0300
Emerson	.0451
Fisher	.0069, 0246, 0387
Garrard	.0451, 0490
Harman/Kardon	.0137, 0216, 0918
Inkel	.0089
JBL	.0137
JVC	.0101
Kenwood	.0054, 0341, 0104, 0069, 0213, 0340
Koss	.045 1
LXI	.020 8
Linn	.0216
Lloyd's	.0222
MCS	.0066, 037 3
Magnavox	.0216, 0418, 0558, 0155, 0222
Marantz	.0216, 0155, 0066
Modulaire	.0222
NAD	.034 7
NEC	.026 2
Nakamichi	.0374, 0124
Onkyo	.0162, 0407, 0127
Optimus	.0208, 0204, 0213, 0246, 0558, 0765, 0828, 0069, 0697
Panasonic	.0066, 0336, 0545
Penney	.022 2
Philips	.0216, 0418
Pioneer	.0107, 0041, 0177, 0558, 0657
Quasar	.0066
RCA	.0081, 0373, 0558, 0387, 0557
Realistic	.0208, 0222, 0190
Sansui	.0216, 0220, 0373
Sanyo	.0246, 0828
Scott	.0190, 034 9
Sharp	.0213
Sherwood	.0529, 0518, 0089
Sony	.0185, 0195, 0501
Soundesign	.0697
Teac	.0490, 0190
Technics	.0336, 0066, 0235, 0545
Victor	.0101
Wards	.0081, 0041, 0107, 0185, 0216
Yamaha	.0203, 0213
Yorx	.022 2
Zenith	.0884

Remote Control Direct Entry Codes for Accessory Devices

Satellite Remote Code No.

AlphaStar	.0799
Amplica	.0099
Amway	.0102
Astro Industries	.0122
BSR	.0122
Capetronic	.0122
Channel Master	.0045, 0239
Chaparral	.0080, 0236, 0243
Curtis Mathes	.0088, 0099
DX Antenna	.0068
Drake	.0091, 0272, 0045, 0176
Echostar	.0307, 0802, 0175, 0186, 0296
Expressvu	.0802
General Instrument	.0388, 0896, 0654
HTS	.080 2
Hitachi	.0846
Homecable	.0265
Hughes Network Systems	.0776
Hytek	.0122
IQ	.023 7
IQ Prism	.0237
JVC	.0802
Janeil	.0179
Jerrold	.0388, 0654
Legend	.029 6
Macom	.0088, 0045
Magnavox	.0749, 0751
Memorex	.0296, 0751
Next Level	.0896
Panasonic	.0179, 0728
Philips	.0227, 0749, 0751
Pico	.0102
Primestar	.0654, 0388
RCA	.0593, 0170, 0882
Radio Shack	.0896
Ramsey	.0102
Realistic	.0079
STS	.0237, 0068
Sony	.0066 6
Star Choice	.0896
Star Trak	.0207
Toshiba	.0109, 0817, 0088
Uniden	.0265, 0079, 0101, 0397, 0751, 0103, 0749
Zenith	.0091, 0883, 0088

VCR Remote Code No.

Admiral	.0075, 0236
Adventura	.0027
Aiko	.0305
Aiwa	.0334, 0027, 0064
Akai	.0133, 0068, 0088
America Action	.0305
American High	.0062
Asha	.026 7
Audiovox	.006 4
Beaumarck	.0267
Bell & Howell	.0131
Brocksonic	.0236
Broksonic	.0148, 0211, 0029, 0236, 0506
CCE	.0099, 0305
Calix	.0064
Canon	.006 2
Capehart	.0047
Carver	.0108
Cineral	.0305
Citizen	.0305, 0064
Colt	.0099
Craig	.0064, 0099, 0074, 0267, 0298
Curtis Mathes	.0062, 0068, 0087, 0189
Cybernex	.0267

Daewoo	.0305, 0588, 0047, 0072
Daytron	.004 7
Denon	.006 9
Dynatech	.0027
Electrohome	.0064
Electrohome	.0064
Emerex	.005 9
Emerson	.0211, 0029, 0236, 0305, 0148, 0235, 0506, 0588, 0088, 0239, 0027, 0064, 0070
Fisher	.0074, 0131, 0081
Fuji	.0060, 0062
Funai	.002 7
GE	.0062, 0087, 0075, 0229, 0267
Garrard	.0027
Go Video	.0459, 0553
GoldStar	.0064, 0065
Gradiente	.0035, 0027
HI-Q	.0074
Harley Davidson	.0027
Harman/Kardon	.0065, 0108
Harwood	.009 9
Headquarter	.0073
Hitachi	.0069, 0132, 0027, 0068
Hughes Network Systems	.0069
JVC	.0094, 0035, 0068
Jensen	.006 8
KEC	.0064, 030 5
KLH	.009 9
Kenwood	.0068, 0094, 0065
Kodak	.0062, 006 4
LXI	.006 4
Lloyd's	.0027, 0235
Logik	.009 9
MEI	.006 2
MGA	.0070, 0088, 0267
MGN Technology	.0267
MTC	.0027, 026 7
Magnasonic	.0305
Magnavox	.0062, 0108, 0027, 0066, 0176
Magnin	.0267
Marantz	.0108, 0062
Marta	.0064
Matsushita	.0062, 0189, 0481
Memorex	.0131, 0074, 0027, 0064, 0075, 0062, 0073, 0267, 1064, 0334, 0066, 0236, 1189, 1289
Minolta	.0132, 0069
Mitsubishi	.0070, 0088, 0075, 0094
Motorola	.0062, 0075
Multitech	.0027, 0099
NEC	.0065, 0068, 0094, 0131
Nikko	.006 4
Nikon	.006 1
Noblex	.0267
Olympus	.006 2
Optimus	.1089, 1189, 0075, 1289, 0064, 1075, 0131, 0189, 0459, 0481
Optonica	.0089
Orion	.0506, 0029, 0211, 0236
Panasonic	.0062, 1189, 0189, 0252, 0481, 0643
Penney	.0062, 0267, 0064, 0069, 0065, 0081
Pentax	.0069, 0132
Philco	.0062, 0236, 0506
Philips	.0108, 0062, 0089, 0645, 1108, 1208
Pilot	.0064
Pioneer	.0094
Portland	.0047
Profitronic	.0267
Proscan	.0087, 0229
Protec	.0099
Pulsar	.0066
Quarter	.0073

Quartz	.0073
Quasar	.0062, 0189, 0481, 1189
RCA	.0087, 0176, 0229, 0069, 0132, 0062, 0075, 0133, 0267
Radio Shack	.0027, 1064
Radix	.006 4
Randex	.006 4
Realistic	.0027, 0131, 0074, 0075, 0064, 0062, 0089, 0073
ReplayTV	.0641, 0643
Ricoh	.006 1
Runco	.006 6
STS	.006 9
Samsung	.0072, 0267
Sanky	.0066, 0075
Sansui	.0068, 0506, 0027, 0094, 0236, 0298
Sanyo	.0074, 0073, 0131, 0267
Scott	.0211, 0148, 0070, 0072, 0239
Sears	.0081, 0132, 0064, 0069, 0027, 0062, 0073, 0074, 0131
Semp	.0072
Sharp	.0075, 0089
Shintom	.0099
Shogun	.0267
Singer	.0099
Sony	.0060, 0061, 0059, 0027, 0062
Sylvania	.0062, 0108, 0027, 0070
Symphonic	.0027
TMK	.0235, 026 7
Tatung	.0068
Teac	.0027, 0068
Technics	.0062, 0189
Teknika	.0027, 0062, 0064
Thomas	.0027
Tivo	.0064 5
Toshiba	.0072, 0239, 0070
Totevision	.0064, 0267
Unitech	.0267
Vector	.0072
Vector Research	.0065
Video Concepts	.0072, 0088
Videosonic	.0267
Wards	.0062, 0087, 0089, 0027, 0074, 0239, 0267, 0069, 0075, 0099, 0108, 0176
White Westinghouse	.0305, 0236
XR-1000	.0099, 0027, 006 2
Yamaha	.0065
Zenith	.0066, 0027, 0060, 0061, 0236, 0506

Digital Video Disc Remote Code No.

Harman/Kardon	.0609
JVC	.0650, 0585
Kenwood	.0561
Magnavox	.0530
Mitsubishi	.0548
Onkyo	.0654, 0530
Panasonic	.0517, 0659
Philips	.0530, 0566
Pioneer	.0598, 0552, 0659
Proscan	.0549
RCA	.054 9
Samsung	.0600
Sharp	.065 7
Sony	.056 0
Technics	.0517
Theta Digital	.0598
Toshiba	.0530
Yamaha	.0517, 0572
Zenith	.0618, 053 0