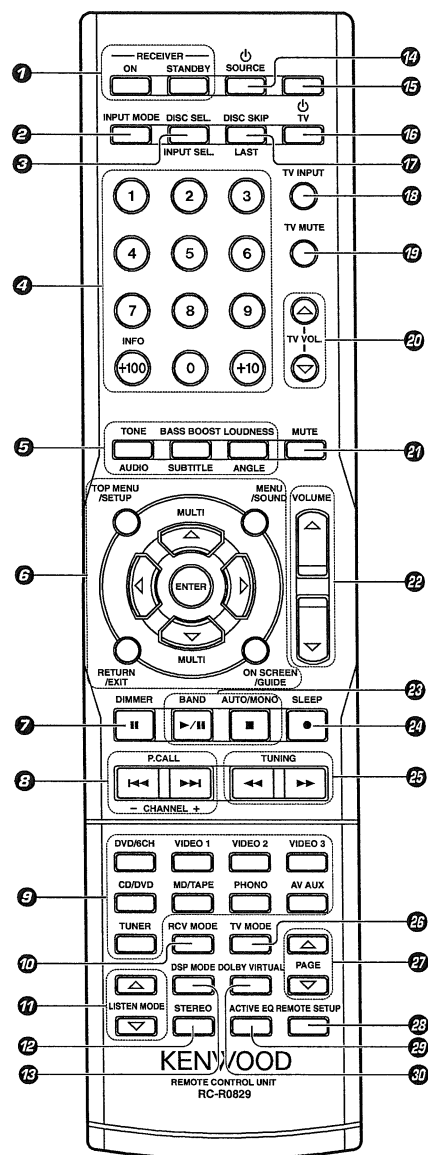


Remote control unit

This remote control unit can be used not only for Kenwood products but also for other non-Kenwood products by setting the appropriate manufacturer's setup codes. → 34



- 1 **RECEIVER ON key** → 17
Use to turn the receiver on.
- 2 **RECEIVER STANDBY key**
Use to turn the receiver off (standby). → 8
- 3 **INPUT MODE key**
Use to select the Input mode.
- 4 **DISC SEL. key**
Use to operate other components.
- 5 **INPUT SEL. key**
Use to select other components.
- 6 **Numeric keys**
Use to input numeric characters. → 34
Use to select preset radio stations. → 25
Use to operate other components.
- 7 **TONE key** → 21
Use to switch the status of TONE control.
- 8 **BASS BOOST key** → 21
Use to select the maximum adjustment setting for the low frequency range.
- 9 **LOUDNESS key** → 21
Use to switch the status of LOUDNESS.
- 10 **AUDIO key**
SUBTITLE key
ANGLE key
Use to operate other components.
- 11 **MULTI $\Delta/\nabla/\leftarrow/\rightarrow$ keys**
Use to control a variety of settings.
Use to operate other components.
- 12 **TOP MENU key**
MENU key
RETURN key
ON SCREEN key
GUIDE key
ENTER key
Use to operate the DVD component.
- 13 **SETUP key** → 17
Use to select the speakers' settings etc.
- 14 **SOUND key** → 17 → 31
Use to adjust the sound quality and the ambience effects.
- 15 **DIMMER key** → 31
Use to adjust the brightness of the display.
- 16 **II key**
Use to operate other components.
- 17 **P.CALL $\leftarrow/\rightarrow$ keys** → 25
Use for selection adjustments during sound, set up and preset channel functions.
- 18 **CHANNEL $-/+$ keys**
Use to select the channels.
- 19 **Source keys (DVD/6CH, VIDEO 1, VIDEO 2, VIDEO 3, CD/DVD, MD/TAPE, PHONO, AV AUX, TUNER)** → 34 → 35
Use to select the registered components.
- 20 **Input Selector keys (DVD/6CH, VIDEO 1, VIDEO 2, VIDEO 3, CD/DVD, MD/TAPE, PHONO, AV AUX, TUNER)** → 20
Use to select the input sources.
- 21 **RCV MODE key** → 17
Use to switch the remote control unit to the receiver control mode.
- 22 **LISTEN MODE Δ/∇ keys** → 31
Use to select the listening mode.
- 23 **STEREO key** → 28
Use to switch the Listen mode temporary to the Stereo mode.
- 24 **DSP MODE key** → 30
Use to select any of the DSP mode.
- 25 **SOURCE key**
Use to turn the other source components on or off.
- 26 **LED** → 34
Blinks to show that signals are being transmitted.
- 27 **TV key**
Use to turn the TV on or off.
- 28 **DISC SKIP key**
Use to operate the multi-CD player.
- 29 **LAST key**
Use to operate other components.
- 30 **TV INPUT key**
Use when in TV operation.
- 31 **TV MUTE key**
Use to temporarily mute the TV sound.
- 32 **TV VOL. Δ/∇ keys**
Use to adjust the TV's volume.
- 33 **MUTE key** → 21
Use to temporarily mute the sound.
- 34 **VOLUME Δ/∇ keys** → 20
Use to adjust the receiver's volume.
- 35 **BAND key** → 24
Use to select the broadcast band.
- 36 **$\rightarrow/II$ key**
Use to operate the DVD, CD, MD or VCR component.
- 37 **AUTO/MONO key** → 24
Use to select the auto or manual tuning mode.
- 38 **$\blacksquare$ key**
Use to operate the DVD, CD, MD or VCR component.
- 39 **SLEEP key** → 31
Use to set the Sleep timer.
- 40 **$\bullet$ key**
Use to operate the MD or VCR components.
- 41 **TUNING $\leftarrow/\rightarrow$ keys** → 24
Use to operate the tuner mode.
- 42 **TV MODE key**
Use to select the TV equipment.
- 43 **PAGE Δ/∇ keys**
Use to operate other components.
- 44 **REMOTE SETUP key** → 34
Use to register other components.
- 45 **ACTIVE EQ key** → 21
Use to select ACTIVE EQ's setting.
- 46 **DOLBY VIRTUAL key** → 30
Use to select the Dolby Virtual Speaker and the Dolby Headphone setting.

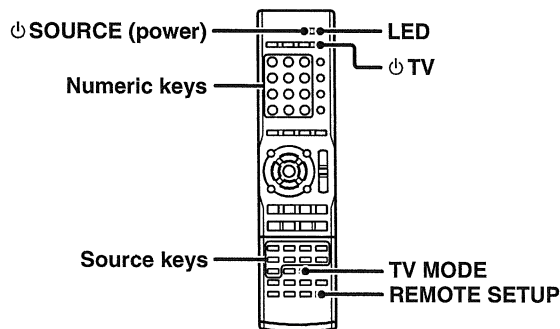
Basic remote control operations for other components

The remote control supplied with this receiver is also capable of controlling components from a variety of manufacturers once you register the appropriate setup codes into the remote control unit.

Low battery warning

Replace all two batteries with new ones when you notice a shortening of the distance from which the remote control will operate. The remote control is designed to retain setup codes in memory while you change batteries.

Registering setup codes for other components



1 Find the setup code of the component to be registered.

- Refer to the setup code lists to find the setup code for the component to be registered. - 36
Example: To register a DVD made by KENWOOD, you would enter "0534".

Input jack	Component	Maker	Code	Key
DVD/6CH	DVD player	KENWOOD	0534	DVD 6CH

Source key	Other components
TUNER	Receiver (KENWOOD)
DVD/6CH	DVD
CD/DVD	CD and MD (KENWOOD)
MD/TAPE	CD and MD (KENWOOD)
VIDEO 1 / AV AUX	VCR and PVR
VIDEO 2	Cable and DTV decoder
VIDEO 3	DSS
PHONO	Additional key for re-assigning
TV MODE	TV/VCR combo, TV/DVD combo, TV

2 Press the Source keys (DVD/6CH, VIDEO 1, VIDEO 2, VIDEO 3, CD/DVD, MD/TAPE, PHONO, AV AUX, TV MODE).

- PHONO key has to be re-assigned to another key before a setup code can be registered. - 36
- While in Tuner mode, setup code function will not be available.

3 Press and hold the REMOTE SETUP key until the LED blinks twice, then release the REMOTE SETUP key.

4 Press the Numeric key to enter the four-digit code for the component to be registered.

- If performed correctly, the LED will blink twice.
- Point the remote control at the component and press **SOURCE** key once. It should turn on/off but if it does not, repeat step 2 to 4.
- If the component still does not work, try searching for the code.

5 Repeat steps 2 to 4 to register additional components until all components have been registered.

Note

Although each setup code is designed to work with a number of different models, certain codes may not work with some models. (Also, certain codes may only operate some of the functions available on a given model.)

Searching for your codes

If your component does not respond after trying all the codes listed for your component, or if your component is not listed at all, try searching for your code.

For example, to search for code for your TV:

1 Press the TV MODE key once. Next, press and hold the REMOTE SETUP key until the LED blinks twice, then release the REMOTE SETUP key.

2 Press the Numeric key to enter 9, 9, 1.

- The LED will blink twice.

3 Point the remote control at the TV and slowly alternate between pressing the TV and TV MODE keys.

- Stop when the TV turns on or off.
- In the search mode, the remote control will send IR codes from its library to the selected device, starting with the most popular code first.

4 Press the REMOTE SETUP key once to lock in the code.

5 To search for the codes of your other components, repeat steps 1 through 4, but substitute the appropriate key (i.e., DVD/6CH, VIDEO 1, VIDEO 2, VIDEO 3, CD/DVD, MD/TAPE, PHONO, AV AUX, TV MODE).

- PHONO key has to be re-assigned to another key before a setup code can be programmed.

Checking the codes

If you have setup the remote control using the procedures described in "Searching for your codes", you may need to find out which four-digit code is operating your equipment:

For example, to find out which code is operating your TV:

1 Press the TV MODE key once. Next, press and hold the REMOTE SETUP key until the LED blinks twice, then release the REMOTE SETUP key.

2 Press the Numeric key to enter [9], [9], [0].

- The LED will blink twice.

3 To view the code for the first digit, press "1" once. Wait for 3 seconds, counts the number of times the LED blinks (e.g., blinks=3) and write down that number.

- If a code digit is "0", the LED will not blink.

4 Repeat step 3 three more times for the remaining digits. Use "2" for the second digit, "3" for the third digit, and "4" for the fourth digit.

5 To check the codes of your other components, repeat steps 1 through 4, but substitute the appropriate key (i.e., DVD/6CH, VIDEO 1, VIDEO 2, VIDEO 3, CD/DVD, MD/TAPE, PHONO, AV AUX, TV MODE) for the component you are checking.

- As suggested earlier on, write down each of the four-digit code.
- PHONO key has to be re-assigned to another key before a setup code can be programmed.

Re-assigning device keys

The remote control can be setup to control second TV or VCR, or any combination of eight home entertainment components.

For example, to control the operation of two different VCR using the remote control, the user need to re-assign the unused VIDEO 2 key to operate the second VCR(VIDEO 1) as follows:

1 Press and hold the REMOTE SETUP key until the LED blinks twice, then release the REMOTE SETUP key.

2 Press the Numeric key to enter [9], [9], [2].

- The LED will blink twice.

3 Press VIDEO 1 key once, then press the VIDEO 2 key once.

- The user now can operate VIDEO 2 as a second VCR along with VIDEO 1.
- Refer to the table in the previous page for the combination of source keys and the other components assignment. — 34

4 To re-assign other device keys, repeat steps 1 through 3 by substituting the key sequence from the below chart for the most popular components:

To re-assign key

Sequence

Perform

TV MODE as 2nd VIDEO 1 key	REMOTE SETUP	9	9	2	VIDEO 1	TV MODE
TV MODE as 2nd VIDEO 2 key	REMOTE SETUP	9	9	2	VIDEO 2	TV MODE
TV MODE as 2nd CD/DVD key	REMOTE SETUP	9	9	2	CD/DVD	TV MODE
TV MODE back to TV MODE key	REMOTE SETUP	9	9	2	TV MODE	TV MODE
VIDEO 1 as 2nd TV MODE key	REMOTE SETUP	9	9	2	TV MODE	VIDEO 1
VIDEO 1 as 2nd VIDEO 2 key	REMOTE SETUP	9	9	2	VIDEO 2	VIDEO 1
VIDEO 1 as 2nd CD/DVD key	REMOTE SETUP	9	9	2	CD/DVD	VIDEO 1
VIDEO 1 back to VIDEO 1 key	REMOTE SETUP	9	9	2	VIDEO 1	VIDEO 1

5 To clear the re-assignment and reset the remote control to its original operation mode:

1 Press and hold the REMOTE SETUP key until the LED blinks twice, then release the REMOTE SETUP key.

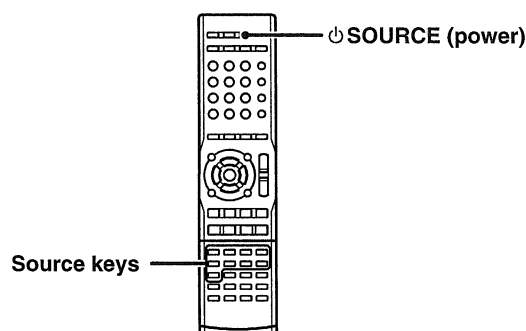
2 Press the Numeric key to enter [9], [9], [2].

3 Press VIDEO 2 key twice.

- When a re-assignment is done, the LED will blink twice to confirm your choice. At that time, you will need to program the remote control in order to control the new component.
- If an invalid key sequence is entered, the LED blink once and return to normal operation.
- When in Tuner mode, re-assignment is not available.

Operating other components

This operation lets you operate the registered components.



1 Use the Source keys to select the component you desire.

- Pressing the source keys also changes the input selector on the receiver.

2 Press the SOURCE key.

- To return to the receiver operation mode, press the TUNER key for more than 3 seconds.

3 Press the operation keys you desire.

— 40

The remote control mode remains at the selected input. If you wish to operate another component, repeat step 2 or 3.

Resetting the Remote control

- To initialize the remote control, press the REMOTE SETUP key until the LED blinks twice. Then press the Numeric key to enter [9], [8], [1]. The LED will blink twice.

Setup code chart

DVD player

Maker	Setup codes
Allegro	0869
Apex Digital	0672, 0717, 1004, 0794, 1061, 1056, 0797, 1020, 0796
Blaupunkt	0717
Blue Parade	0571
Broksonic	0695
CineVision	0869
Coby	1086
CyberHome	0816
Daewoo	0784, 0869, 0833, 1172
Denon	0490
DVD2000	0521
Emerson	0591, 0675
Enterprise	0591
Fisher	0670
Funai	0675
Gateway	1158
GE	0522, 0717
Go Video	0744, 0869, 1730, 0715, 0833, 1158, 0783, 1099
Greenhill	0717
Hitachi	0573, 0664
Hiteker	0672
Initial	0717
InterAct	0697
JVC	0558, 0623, 0867
Kenwood	0490, 0534, 0737, 0682
KLH	0717, 1020
Koss	0651
Lasonic	0798
LG	0591, 0869
Lite-On	1058, 1158
Mad Catz	1108
Magnavox	0503, 0539, 0675
Marantz	0539
Memorex	0695
Microsoft	0522
Mintek	0717
Mitsubishi	1521, 0521
Nesa	0717
Onkyo	0503
Oritron	0651
Panasonic	0490, 1762
Pelican Accessories	0731
Philips	0503, 0539, 0646, 0885, 0675
Pioneer	0525, 0571
Polaroid	1061, 1086
Polk Audio	0539
Proscan	0522
Qwestar	0651
RCA	0522, 0571, 0717, 0822
Rio	0869
Rotel	0623
Saitek	0731
Sampo	0752
Samsung	0490, 0573, 0820
Sansui	0695
Sanyo	0873, 0695, 0670
Sharp	0630, 0752
Shinsonic	0533

DVD player (Continued)

Maker	Setup codes
Sonic Blue	0869, 1099
Sony	0533, 0864, 0772, 1033
Sylvania	0675
Symphonic	0675
Technics	0490
Theta Digital	0571
Thrustmaster	0498
Toshiba	0503, 1154, 0695
Urban Concepts	0503
Xbox	0522
Yamaha	0490, 0539, 0545
Zenith	0503, 0591, 1135, 0869

TV

Maker	Setup codes
Admiral	0093, 0463
Advent	0761, 1933
Aiko	0092
Akai	0812, 0702, 0030, 0672
Albatron	0843, 0700
America Action	0180
Anam	0180
AOC	0030
Apex Digital	0748, 0765, 1943
Audiovox	0451, 0180, 0092, 0623
Bell & Howell	0154
BenQ	1032
Bradford	0180
Broksonic	0236, 0463, 1935
Candle	0030
Carnivale	0030
Carver	0054
Celebrity	0000
Celera	0765
Changhong	0765
Citizen	0060, 0030, 0092
Clarion	0180
Commercial Solutions	1447, 0047
Contec	0180
Craig	0180
Crosley	0054
Crown	0180
Curtis Mathes	0047, 0054, 0154, 0451, 0093, 0060, 0702, 0030, 0145, 0166
CXC	0180
Daewoo	0451, 1661, 0623, 0672, 0092, 0661
Dell	1080
Denon	0145
Dumont	0017
Durabrand	0463, 0180, 0178, 0171, 1034
Electroband	0000
Emerson	0154, 0236, 0463, 0180, 0178, 0171, 0623, 1963
Envision	0030
ESA	0812, 0171
Fisher	0154
Fujitsu	0683, 0853
Funai	0180, 0171
Futuretech	0180
Gateway	1756, 1755
GE	1447, 0047, 0051, 0451, 0178
Gibraltar	0017, 0030
GoldStar	0030, 0178
Grunpy	0180
Haier	1034
Hallmark	0178
Harman/Kardon	0054
Harvard	0180
Havermy	0093
Helios	0865
Hello Kitty	0451
Hisense	0748
Hitachi	1145, 0145
Infinity	0054

Setup code chart

TV (continued)

Maker	Setup codes
Inteq	0017
JBL	0054
JCB	0000
Jensen	0761, 1933
JVC	0053, 1923, 1253, 0731
KEC	0180
Kenwood	0030
KLH	0765
KTV	0180, 0030
LG	0178, 0700, 1934, 0856
LXI	0047, 0054, 0154, 0156, 0178
Magnavox	1454, 0054, 0030, 0706
Marantz	0054, 0030, 0704
Matsushita	0250
Maxent	1755
Megapower	0700
Megatron	0178, 0145
Memorex	0154, 0463, 0150, 0178
MGA	0150, 0030, 0178
Midland	0047, 0017, 0051
Mitsubishi	0093, 1250, 0150, 0178
Monivision	0843, 0700
Motorola	0093
MTC	0060, 0030
Multitech	0180
NAD	0156, 0178
NEC	0030, 1704
Nikko	0030, 0178, 0092
Norcent	0748, 0824
NTC	0092
Onwa	0180
Optimus	0154, 0250, 0166
Optoma	0887
Optonica	0093
Orion	0236, 0463
Panasonic	0250, 0051, 1946, 1941, 1947
Penney	0047, 0156, 0051, 0060, 0030, 0178
Philco	0054, 0030
Philips	1454, 0054, 0690, 1961
Pilot	0030
Pioneer	0166, 0679
Portland	0092
Prima	0761, 1933
Princeton	0700
Prism	0051
Proscan	1447, 0047
Proton	0178
Pulsar	0017
Quasar	0250, 0051
RadioShack	0047, 0154, 0180, 0030, 0178
RCA	1447, 0047, 0679, 1948, 0090, 1547, 1953
Realistic	0154, 0180, 0030, 0178
Runco	0017, 0030
Sampo	0030, 1755
Samsung	0060, 0812, 0702, 0030, 0178, 1959, 1060
Sansui	0463, 1935
Sanyo	0154

TV (continued)

Maker	Setup codes
Scotch	0178
Scott	0236, 0180, 0178
Sears	0047, 0054, 0154, 0156, 0178, 0171
Sharp	0093
Sheng Chia	0093
Sony	0000, 1925
Soundesign	0180, 0178
Squareview	0171
SSS	0180
Starlite	0180
Studio Experience	0843
Supreme	0000
SVA	0748, 0865, 0872
Sylvania	0054, 0030, 0171, 1963
Symphonic	0180, 0171
Tandy	0093
Tatung	1756
Technics	0250, 0051
Techwood	0051
Teknika	0054, 0180, 0150, 0060, 0092
Telefunken	0702
TMK	0178
TNCi	0017
Toshiba	0154, 1256, 0156, 0060, 1356, 1936, 1935, 1704, 1945
TVS	0463
V Inc.	1756, 0885
Vector Research	0030
Victor	0053
Vidikron	0054
Vidtech	0178
Viewsonic	1755, 0885
Wards	0054, 0030, 0178
Waycon	0156
Westinghouse	0889
White Westinghouse	0463, 0623
Yamaha	0030
Zenith	0017, 0463, 0178, 0092

TV/VCR Combination

Maker	Setup codes
America Action	0180
Audiovox	0180
Emerson	0236
JVC	1923
LG	1934
Samsung	1959
Sony	1925
Toshiba	1936

TV/DVD Combination

Maker	Setup codes
Advent	1933
Apex Digital	1943
Broksonic	1935
Emerson	1963
Jensen	1933
Panasonic	1941
Philips	1961
Prima	1933
RCA	1948
Sansui	1935
Sylvania	0171, 1963
Toshiba	1935

HDTV

Maker	Setup codes
Mitsubishi	0150
Panasonic	0250
Pioneer	0679
RCA	1447
Samsung	0812, 0702
Toshiba	1256

Setup code chart

DSS

Maker	Setup codes
AlphaStar	0772
Chaparral	0216
Crossdigital	1109
DirecTV	0392, 0566, 0639, 1639, 1142, 0247, 0749, 1749, 0724, 0819, 1856, 1076, 1109, 0099, 1108, 1414, 1640, 1442
Dish Network System	1005, 0775, 1775
Dishpro	1005, 0775, 1775
Echostar	1005, 0775, 1775
Expressvu	0775, 1775
GE	0566
General Instrument	0869
GOI	0775, 1775
Hisense	1535
Hitachi	0819, 1250
HTS	0775, 1775
Hughes Network Systems	1142, 0749, 1749, 1442
I-Lo	1535
JVC	0775, 1775
LG	1414
Magnavox	0724, 0722
Memorex	0724
Mitsubishi	0749
Motorola	0869
Next Level	0869
Panasonic	0247, 0701
Paysat	0724
Philips	1142, 0749, 1749, 0724, 1076, 0722, 0099, 1442, 0856
Proscan	0392, 0566
Proton	1535
RadioShack	0869
RCA	0392, 0566, 0855, 0143
Samsung	1276, 1109, 1108
Sony	0639, 1639, 1640
Star Choice	0869
Tivo	1142, 1442
Toshiba	0749, 1749, 0790, 1285
UltimateTV	1640
Uniden	0724, 0722
US Digital	1535
USDTV	1535
Voom	0869
Zenith	1856, 0856

Cable Converter

Maker	Setup codes
ABC	0003, 0008
Americast	0899
Bell South	0899
Clearmaster	0883
ClearMax	0883
Coolmax	0883
Director	0476
General Instrument	0476, 0276, 0003
GoldStar	0144
Hamlin	0009, 0273
Jerrold	0476, 0276, 0003
Memorex	0000
Motorola	0476, 0276, 1376
Multitech	0883
Pace	1877, 0237
Panasonic	0000, 0107
Paragon	0000
Philips	0317, 1305
Pioneer	1877, 0877, 0144, 0533
Pulsar	0000
Quasar	0000
RadioShack	0883
Regal	0279, 0273
Runco	0000
Samsung	0144
Scientific Atlanta	1877, 0877, 0477, 0008
Sony	1006
Starcom	0003
Supercable	0276
Supermax	0883
Torx	0003
Toshiba	0000
Tristar	0883
V2	0883
Viewmaster	0883
Vision	0883
Vortex View	0883
Zenith	0000, 0525, 0899

VCR

Maker	Setup codes
ABS	1972
Admiral	0048, 0209
Adventura	0000
Aiwa	0037, 0000
Alienware	1972
American High	0035
Asha	0240
Audiovox	0037
Beaumarck	0240
Bell & Howell	0104
Broksonic	0184, 0121, 0209
Calix	0037
Canon	0035
Carver	0081
Citizen	0037
Craig	0037, 0047, 0240
Curtis Mathes	0060, 0035, 0162
Cybernex	0240
CyberPower	1972
Daewoo	0045
Dell	1972
Denon	0042
DirecTV	0739
Durabrand	0039
Dynatech	0000
Electrohome	0037
Electroponic	0037
Emerex	0032
Emerson	0037, 0184, 0000, 0121, 0043, 0209
Fisher	0047, 0104
Fuji	0035, 0033
Funai	0000
Garrard	0000
Gateway	1972
GE	0060, 0035, 0240
GoldStar	0037
Gradiente	0000
Harley Davidson	0000
Harman/Kardon	0081
Hewlett Packard	1972
HI-Q	0047
Hitachi	0000, 0042
Howard Computers	1972
HP	1972
Hughes Network Systems	0042, 0739
iBUYPOWER	1972
JVC	0067
KEC	0037
Kenwood	0067
Kodak	0035, 0037
Lloyd's	0000
LXI	0037
Magnavox	0035, 0039, 0081, 0000
Magnin	0240
Marantz	0035, 0081
Marta	0037
Matsushita	0035, 0162
Media Center PC	1972
MEI	0035

Setup code chart

VCR (Continued)

Maker	Setup codes
Memorex	0035, 0162, 0037, 0048, 0039, 0047, 0240, 0000, 0104, 0209
MGA	0240, 0043
MGN Technology	0240
Microsoft	1972
Mind	1972
Minolta	0042
Mitsubishi	0067, 0043
Motorola	0035, 0048
MTC	0240, 0000
Multitech	0000
NEC	0104, 0067
Nikko	0037
Noblex	0240
Northgate	1972
Olympus	0035
Optimus	1062, 0162, 0037, 0048, 0104
Orion	0184, 0209
Panasonic	1062, 0035, 0162, 0616, 0225
Penney	0035, 0037, 0240, 0042
Pentax	0042
Philco	0035
Philips	0035, 0081, 0739, 0618
Pilot	0037
Pioneer	0067
Polk Audio	0081
Profitronic	0240
Proscan	0060
Pulsar	0039
Quasar	0035, 0162
RadioShack	0000
Radix	0037
Randex	0037
RCA	0060, 0240, 0042
Realistic	0035, 0037, 0048, 0047, 0000, 0104
ReplayTV	0616
Runco	0039
Samsung	0240, 0045
Sanky	0048, 0039
Sansui	0000, 0067, 0209
Sanyo	0047, 0240, 0104
Scott	0184, 0045, 0121, 0043
Sears	0035, 0037, 0047, 0000, 0042, 0104
Sharp	0048
Shogun	0240
Sonic Blue	0616
Sony	0035, 0032, 0033, 0000, 1972, 0636
STS	0042
Sylvania	0035, 0081, 0000, 0043
Symphonic	0000
Systemax	1972
Tagar Systems	1972
Teac	0000
Technics	0035, 0162
Teknika	0035, 0037, 0000
Thomas	0000

VCR (Continued)

Maker	Setup codes
Tivo	0618, 1503, 0739, 0636
TMK	0240
Toshiba	0045, 0043, 1503, 1972
Totevision	0037, 0240
Touch	1972
Unitech	0240
Vector	0045
Video Concepts	0045
Videomagic	0037
Videosonic	0240
Viewsonic	1972
Villain	0000
Wards	0060, 0035, 0048, 0047, 0081, 0240, 0000, 0042
White Westinghouse	0209
XR-1000	0035, 0000
Zenith	0039, 0033, 0000, 0209
ZT Group	1972

Video Accessories

Maker	Setup codes
Macro Image Technology	1383
Motorola	1363
MyHD	1383
Panasonic	1120
Pioneer	1010
Samsung	1490
Sensory Science	1126
Sharp	1010
Viewsonic	1329

PVR

Maker	Setup codes
ABS	1972
Alienware	1972
CyberPower	1972
Dell	1972
Gateway	1972
Hewlett Packard	1972
Howard Computers	1972
HP	1972
iBUYPOWER	1972
Media Center PC	1972
Microsoft	1972
Mind	1972
Northgate	1972
Panasonic	0616
Philips	0618, 0739
ReplayTV	0616
Sonic Blue	0616
Sony	1972, 0636
Systemax	1972
Tagar Systems	1972
Tivo	0739, 0636, 0618
Toshiba	1972
Touch	1972
Viewsonic	1972
ZT Group	1972

CD player

Maker	Setup codes
Kenwood	1338, 1339, 0681, 0826, 0028, 0037, 0340, 0859, 0339, 0677, 0858, 0190, 0523, 1490
Optimus	0037
Sharp	0037

MD recorder

Maker	Setup codes
Kenwood	1339, 0681, 0826

Audio Amp/Tuner

Maker	Setup codes
Kenwood (Sirius Satellite Radio)	2000

Other components' operations

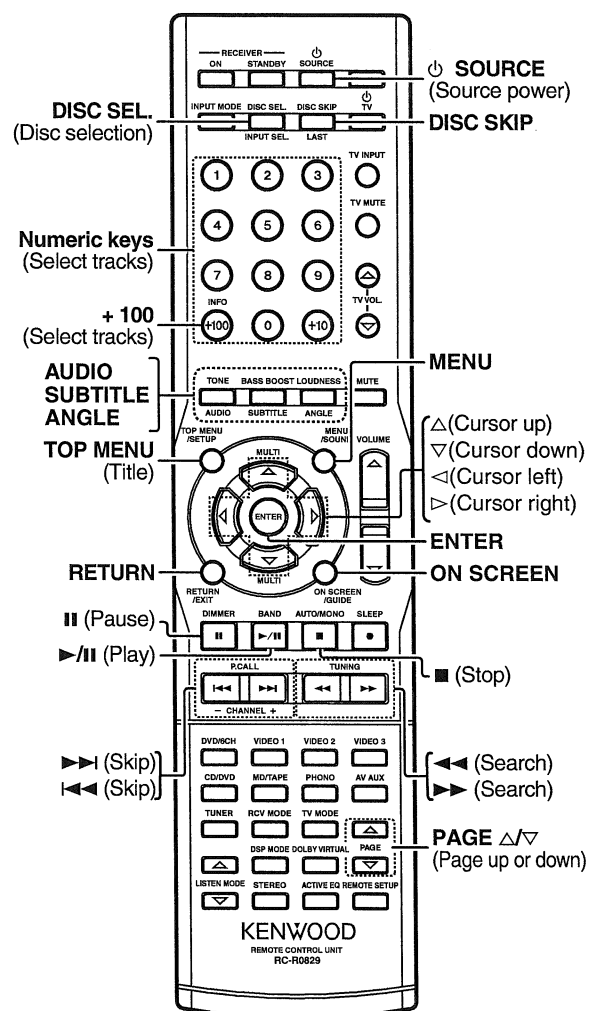
Refer to the following for the type of remote control operations available for each component.

- ❶ Select the input source.
- ❷ Press the keys corresponding to the operations you desire. Refer to the following sections for details.

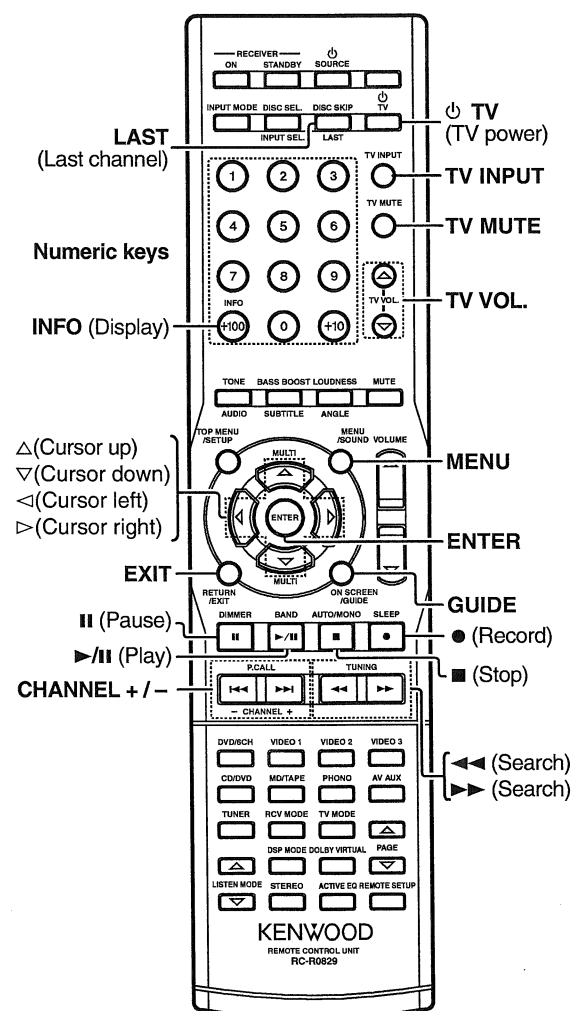
- When pressing keys in succession, press each key firmly and be sure to wait at least 1 second before pressing the next key.
- Numeric keys function the same as the numeric keys on the original remote.
- The key descriptions in this section are for representative components.

These keys can be used to perform the basic operations of KENWOOD and other manufacturers' components which the setup code for each component had been entered beforehand.

DVD player operations keys



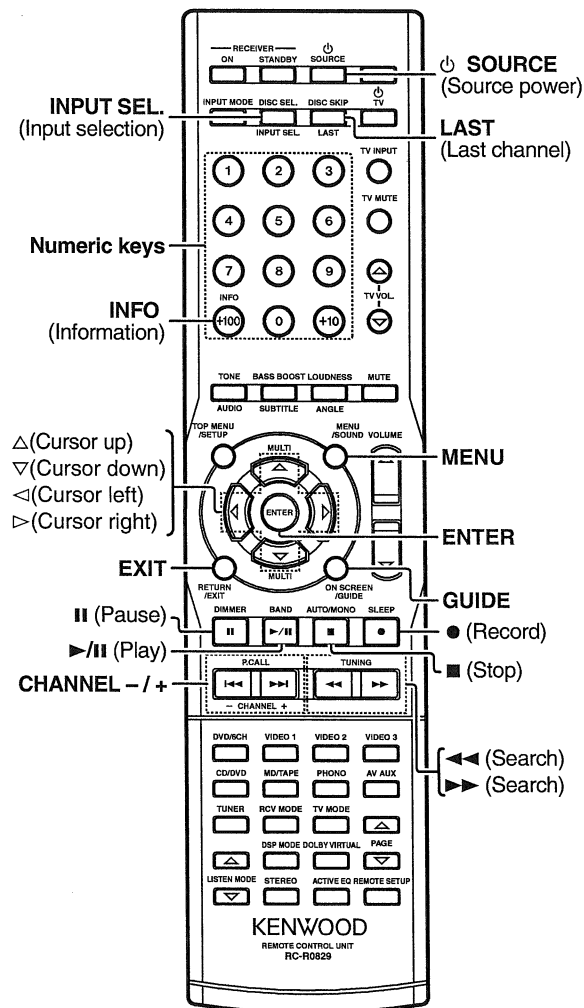
TV operation keys (including TVs incorporating VCR)



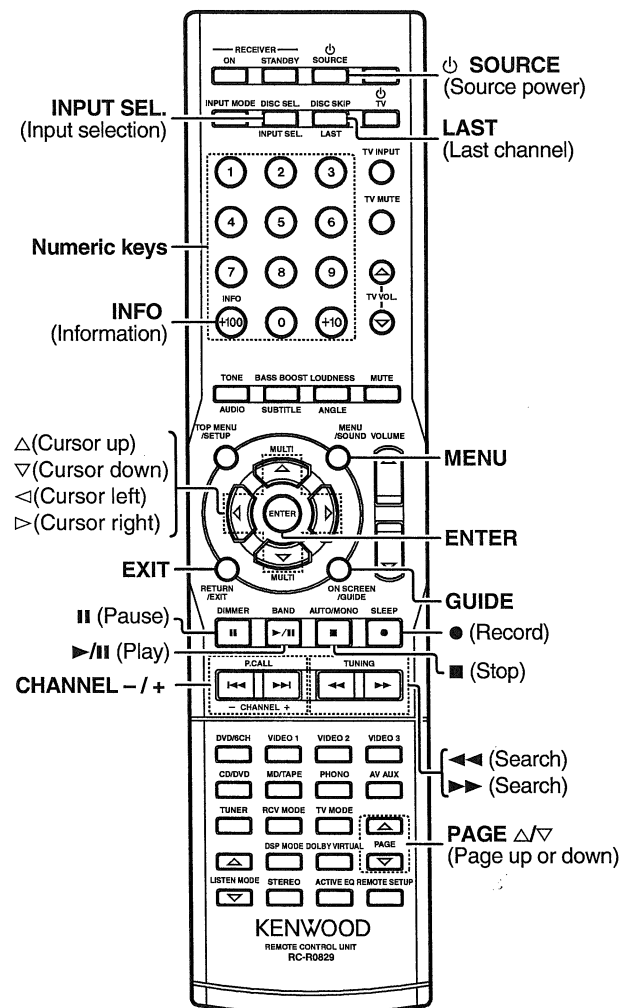
Basic remote control operations for other components

Refer to the following for the type of remote control operations available for each component.

DSS operation keys



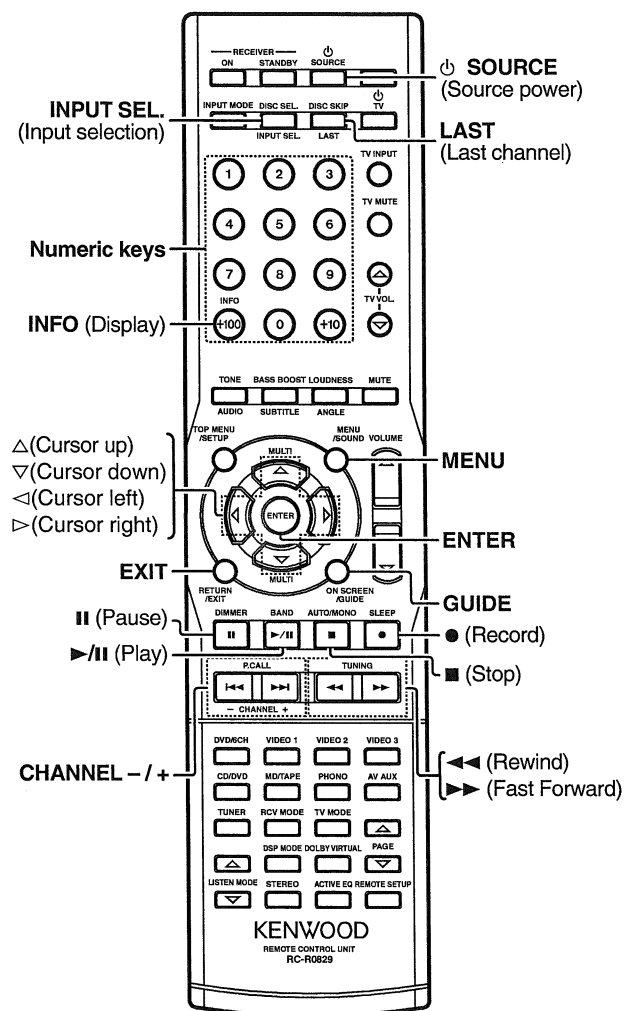
Cable converter operation keys



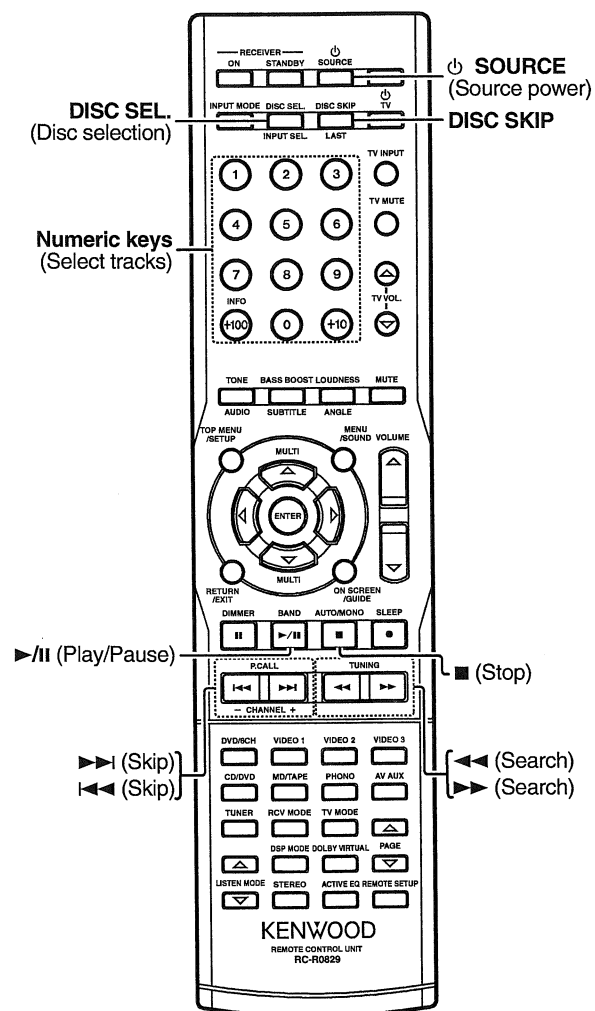
Basic remote control operations for other components

Refer to the following for the type of remote control operations available for each component.

VCR operation keys



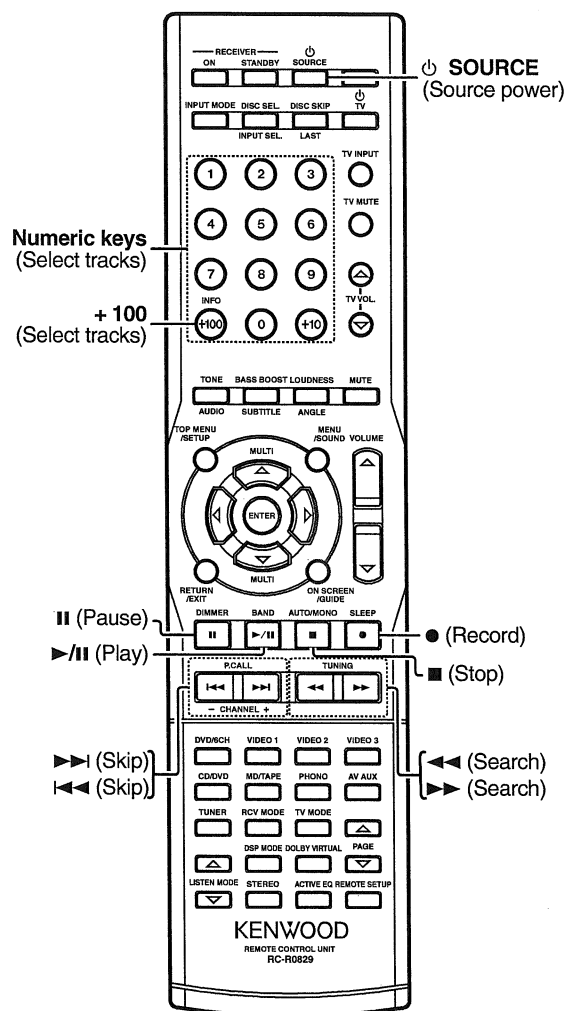
CD player operation keys



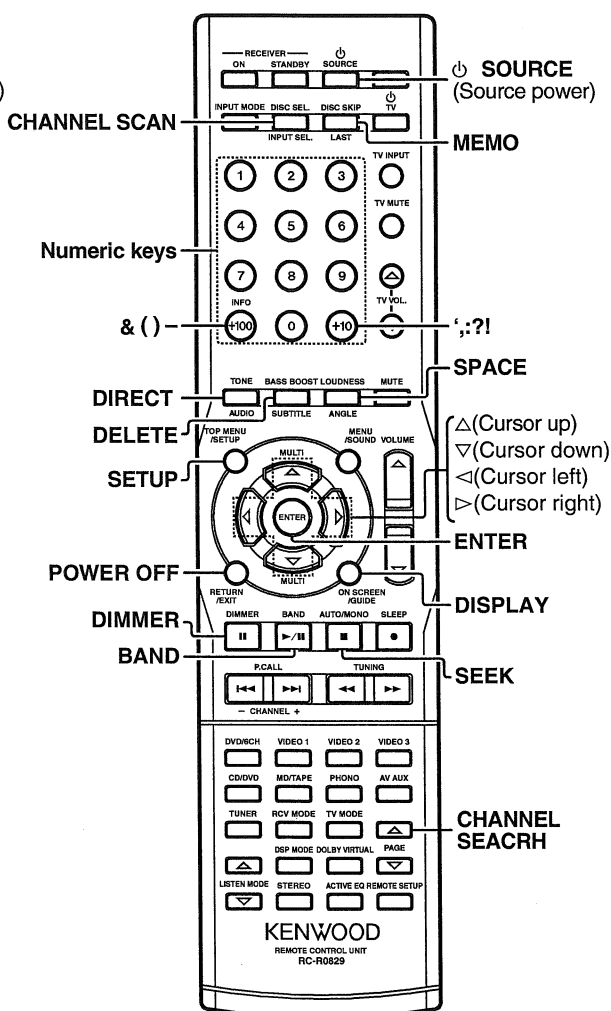
Basic remote control operations for other components

Refer to the following for the type of remote control operations available for each component.

MD recorder operation keys (made by KENWOOD)



Sirius operation keys (made by KENWOOD)



Notes

1. Certain codes may only operate some of the function available on a given model.
2. The above show the typical type functions available for each component. Some manufacturers use different key combinations to perform similar functions. For that reason, we have programmed extra functions on some of the unused number keys to help you control your equipment.