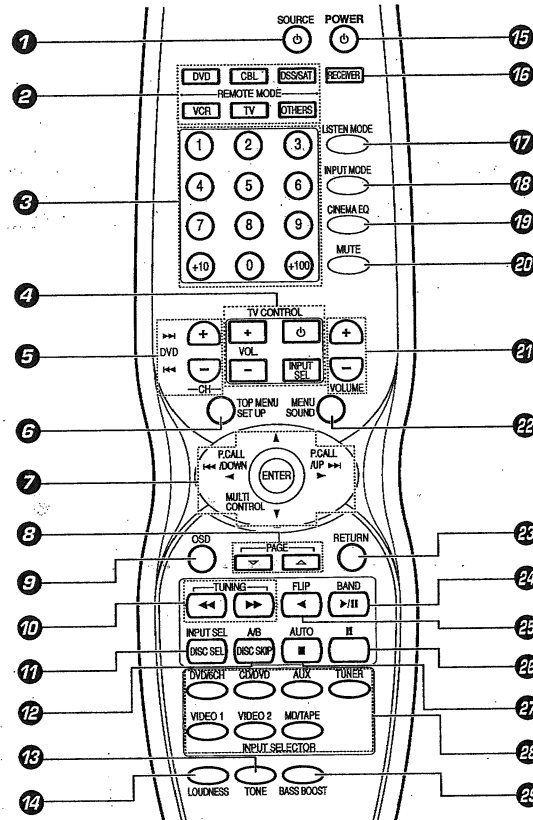


## Remote control unit

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. -30-



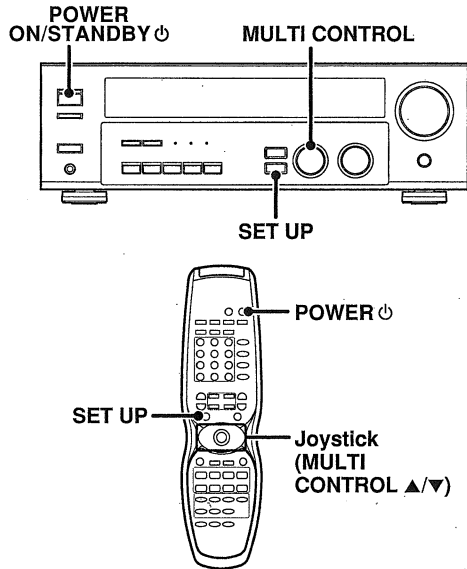
If the name of a function is different on the receiver and on the remote control, the name of the remote control key in this manual is indicated in parentheses.

- ① **SOURCE** key  
Use to turn the other components ON/OFF.
- ② **REMOTE MODE keys (DVD, CBL, DSS/SAT, VCR, TV, OTHERS)** -28-  
Use to select the components registered at the respective input.
- ③ **Numeric keys** -28-  
Provide functions identical to those of the original remote control supplied with the component you are controlling.
- ④ **TV CONTROL keys**  
Use when in TV operation.
- ⑤ **CH +/- keys**  
Use to select the channels.  
**▶▶ DVD ◀◀ keys**  
When in DVD player operations, these keys function as skip keys.
- ⑥ **TOP MENU key**  
Use to operate the DVD component.  
**SET UP key** -16-  
Use to select the speakers' settings etc.
- ⑦ **Joystick**  
**ENTER**  
Use to operate other components.  
**MULTI CONTROL ▲ / ▼** -16-  
Use to control a variety of settings.  
Use to operate other components.  
**P.CALL ◀◀ / DOWN ◀ and P.CALL / UP ▶▶** -21-  
Use for selection adjustments during SOUND, SET UP and PRESET CHANNEL functions.
- ⑧ **PAGE ▼/▲ key**  
Use to operate the DVD component.
- ⑨ **OSD key**  
Use to operate the DVD component.
- ⑩ **TUNING ◀◀/▶▶ keys**  
Use to operate the tuner mode.  
If CD, MD or TAPE is selected as input the source, these keys function as search keys.
- ⑪ **DISC SEL key**  
Use to operate other components.  
**INPUT SEL key**  
Use to operate other components.
- ⑫ **DISC SKIP key**  
If CD is selected as the input source, this key functions as the multi-CD player disc skip key.  
**A/B key**  
If TAPE is selected as the input source, this is A and B deck of a double cassette deck.
- ⑬ **TONE key** -18-  
Use to switch the status of TONE control.
- ⑭ **LOUDNESS key** -18-  
Use to switch the status of LOUDNESS.
- ⑮ **POWER** key -16-  
Use to turn the receiver on or off.
- ⑯ **RECEIVER key**  
Use to return to the operation of the receiver.
- ⑰ **LISTEN MODE key** -24-  
Use to select the listening mode.
- ⑱ **INPUT MODE key**  
Use to switch between full auto, digital and analog inputs.
- ⑲ **CINEMA EQ key** -18-  
Use to switch the status of CINEMA EQ.
- ⑳ **MUTE key** -18-  
Use to temporarily mute the sound.
- ㉑ **VOLUME +/- keys** -17-  
Use to adjust the receiver volume.
- ㉒ **MENU key**  
Use to operate other components.
- ㉓ **SOUND key** -26-  
Use to adjust the sound quality and the ambience effects.
- ㉔ **RETURN key**  
Use to operate other components.
- ㉕ **▶/II key**  
If CD is selected as the input source, this key functions as the play/pause key.  
If MD or TAPE is selected as the input source, this key functions as the play key.  
**BAND key** -20-  
Use to select the broadcast band.
- ㉖ **◀ key**  
Use to operate other components.
- ㉗ **FLIP key**  
Use to operate other components.
- ㉘ **II key**  
Use to operate other components.  
Use as dimmer function to adjust the brightness of the display. -27-
- ㉙ **■ key**  
If CD, MD, or TAPE is selected as the input source, this key functions as the stop key.
- ㉚ **AUTO key** -17-  
Use to select the auto tuning mode.
- ㉛ **INPUT SELECTOR keys (DVD/6CH, CD/DVD, AUX, TUNER, VIDEO 1, VIDEO 2, MD/TAPE)**  
Use to select the input sources. -17-
- ㉜ **BASS BOOST key** -18-  
Use to select the maximum adjustment setting for the low frequency range.

# Preparing for surround sound

## Speaker settings

To enable you to obtain optimum enjoyment from the receiver's listening modes, make sure to complete the speaker settings (subwoofer, front, center, and surround speakers) as described below. It is not advisable to select "LRG" (large) for front, center, and surround speakers as this will cause the speakers to malfunction.

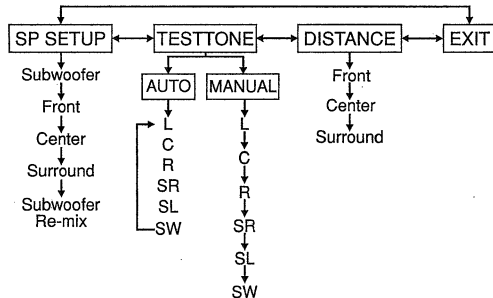


**1 Turn on the power to this receiver by pressing POWER ON/STANDBY or POWER key.**

**2 Press the SET UP key to enter the SET UP mode and use the MULTI CONTROL knob or Joystick for the following displays.**

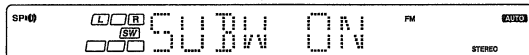
- ① SP SETUP
- ② TESTTONE
- ③ DISTANCE
- ④ EXIT

The flow of the SET UP is as follows;



**3 Select a speaker system.**

**① Select SP SETUP and press the SET UP key again so that the subwoofer setting indication "SUBW ON" appears.**



**② Use the MULTI CONTROL knob or Joystick to select the appropriate subwoofer setting.**

- ① SUBW ON : Subwoofer setting mode to the receiver is ON.
- ② SUBW OFF : Subwoofer setting mode to the receiver is OFF.

- The initial setting is "SUBW ON".
- When the setting "SUBW OFF" is selected, the front speakers are automatically set to "FRNT LRG" and the procedure skips to step ④.
- Before step ④, press the SET UP key to accept the setting.
- When subwoofer output sound is required, select "FRNT NML".

**③ Press the SET UP key to accept the setting.**

- The front speakers setting indication "FRNT LRG" appears.

**④ Use the MULTI CONTROL knob or Joystick to select the appropriate front speakers setting.**

- It is not advisable to select "LRG" (large) for front speaker as this will cause the speaker to malfunction.

- ① FRNT NML (normal) : Average size front speakers are connected to the receiver.
- ② FRNT LRG (large) : Large front speakers are connected to the receiver.

- For "FRNT LRG" selection, no sound will be heard from subwoofer speaker even when it is set to ON. However, if you select CINEMA EQ when subwoofer is selected, you will be able to hear sound from the subwoofer.
- When in STEREO mode, the sound goes directly to front speaker.
- ACTIVE EQ will be available only during "FRNT NML" selection.

**⑤ Press the SET UP key to accept the setting.**

- The center speaker setting indication "CNTR" appears.

**⑥ Use the MULTI CONTROL knob or Joystick to select the appropriate center speaker setting.**

- It is not advisable to select "LRG" (large) for center speaker as this will cause the speaker to malfunction.

**If you selected "LRG" as the front speakers setting,**

- ① CNTR NML (normal) : An average size center speaker is connected to the receiver.
- ② CNTR LRG (large) : A large center speaker, is connected to the receiver.
- ③ CNTR OFF : Center speaker setting mode to the receiver is OFF.

**If you selected "NML" as the front speakers setting,**

- ① CNTR ON : Center speaker setting mode to the receiver is ON.
- ② CNTR OFF : Center speaker setting mode to the receiver is OFF.

**⑦ Press the SET UP key again to accept the setting.**

- The surround speaker setting indication "SURR" appears.

**⑧ Use the MULTI CONTROL knob or Joystick to select the appropriate surround speaker setting.**

- It is not advisable to select "LRG" (large) for surround speaker as this will cause the speaker to malfunction.

**If you selected "LRG" as the center speaker setting,**

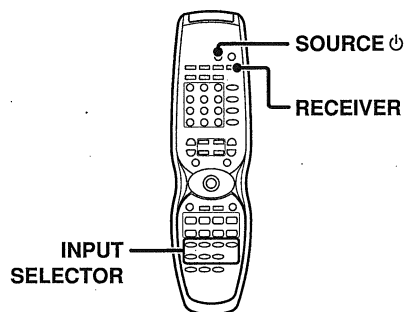
- ① SURR NML (normal) : Average size surround speakers are connected to the receiver.
- ② SURR LRG (large) : Large surround speakers are connected to the receiver.
- ③ SURR OFF : Surround speaker setting mode to the receiver is OFF.

Continued to next page



## Operating other components

This operation lets you operate the registered components. KENWOOD audio components with system control turn on and off automatically with the receiver via the system control connections.



**1 Use the INPUT SELECTOR keys to select the component you desire.**

- Pressing the INPUT SELECTOR keys also changes the input selector on the receiver.
- When you operate your registered DVD player, Cable tuner, DSS/SAT receiver, VCR or TV, go to step 2.
- When you operate the CD player, Cassette deck, MD player, or Tuner with system control connection, go to step 3.

**2 Press the SOURCE key.**

- To return to the receiver operation mode, press the RECEIVER key.

**3 Press the operation keys you desire.**



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

---

**Note**

Be sure to point the remote control at the remote sensor on the receiver when you want to operate KENWOOD components connected by system control cords. Otherwise, point the remote control at the component you want to operate.

**Setup code chart**

**TV Setup codes**

Manufacturer	Setup Codes
GE	102
HITACHI	114, 115
JVC	113
LOEWE	123, 124
MAGNAVOX	109
MITSUBISHI	121
PANASONIC	111, 112, 122
PHILIPS	109
PIONEER	116
PROSCAN	117
QUASAR	118
RCA	102, 103, 104, 105, 106
SAMSUNG	109
SANYO	119
SHARP	110
SONY	101
TOSHIBA	120
ZENITH	107, 108

**VCR Setup codes**

Manufacturer	Setup Codes
GE	307, 321
GOLD STAR	323
HITACHI	307, 308, 328, 329
JVC	324, 325, 326, 327
MAGNAVOX	311, 312, 313
MITSUBISHI	315, 316, 317, 318
PANASONIC	309, 310
PHILIPS	313
RCA	308
SANYO	330
SHARP	319, 320
SONY	301, 302, 303, 304, 305, 306
TOSHIBA	314, 331
ZENITH	322

**Cable tuner (CBL) Setup codes**

Manufacturer	Setup Codes
G.I.	209
GEMINI	218
HAMLIN	210, 211
JERROLD	201, 202
MACOM	215, 216, 217
OAK	212, 213, 214
PANASONIC	221, 222
PHILIPS	219, 220
PIONEER	206, 207
S. ATLANTA	203
SAMSUNG	223
TOCOM	208
ZENITH	204, 205

**DVD player Setup code**

Manufacturer	Setup Codes
JVC	801
KENWOOD	805, 808
PANASONIC	804
PHILIPS	807
PIONEER	803
SONY	802
TOSHIBA	806

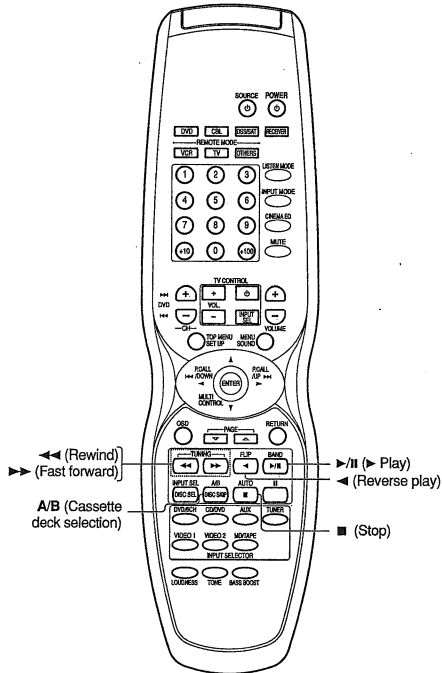
**DSS/SAT audio service Setup codes**

Manufacturer	Setup Codes
ECHOSTAR	903
G.I.	902
HITACHI	908
HUGHES	906
PANASONIC	905
PRIMESTAR	909
RCA	901
SONY	907
TOSHIBA	904

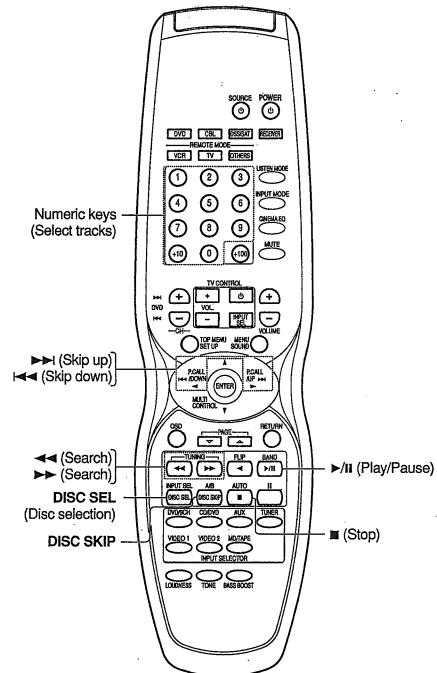
## CASSETTE deck, CD player & MD recorder operations

You can perform these basic operations using the keys described below when connected to KENWOOD cassette deck, CD player or MD recorder equipped with system control operations. → 14

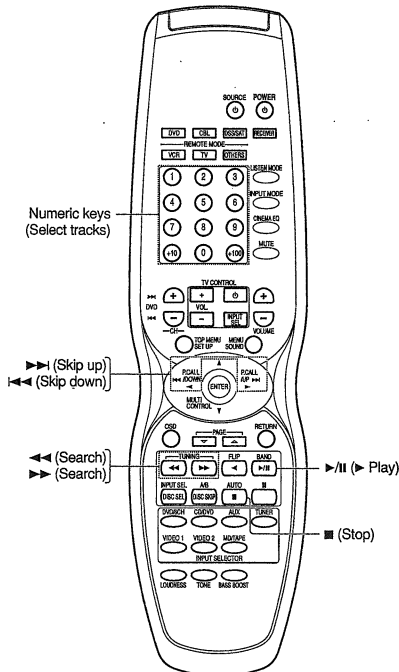
### Cassette deck operations' keys



### CD player operations' keys



### MD recorder operations' keys



## Other components' operations

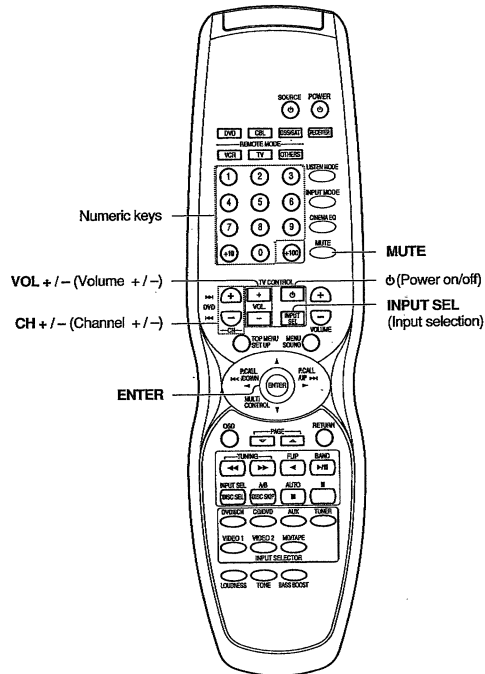
Refer to the following for the type of remote control operations available for each component.

- ① Select the input source.
- ② Press the keys corresponding to the operations you desire. Refer to the following sections for details.

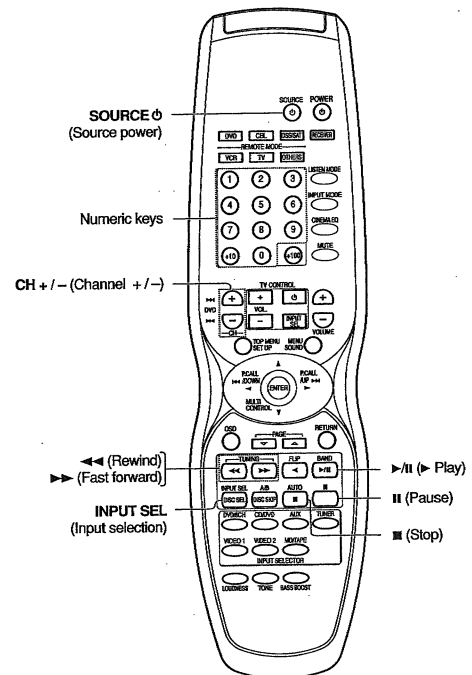
- When pressing keys in succession, press each key firmly and be sure to wait at least 1 second before pressing the next key.
- Numeric keys function the same as the numeric keys on the original remote.

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. - 30 -

### TV operation keys



### VCR operation keys

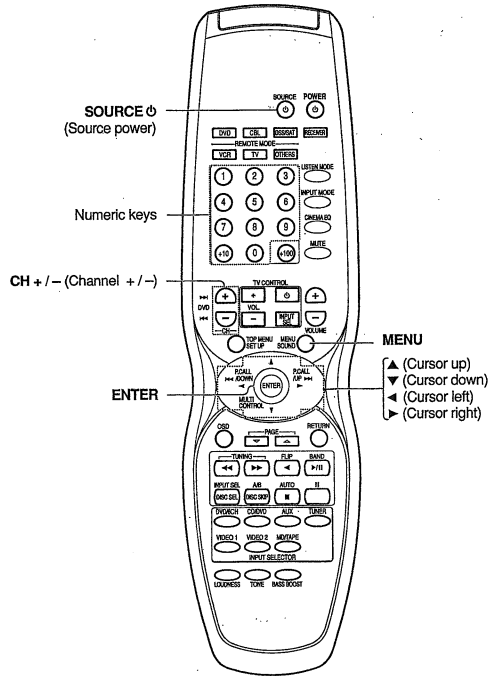


#### Notes

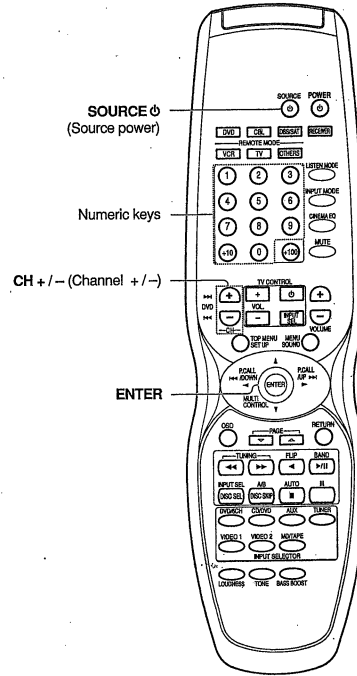
1. Certain codes may only operate some of the function available on a given model.
2. The above show the typical functions available for each component. Some manufacturers use different key combinations to perform similar functions. For that reason, we have programmed extra functions on some of the unused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

**Basic remote control operations for other components**

**DSS/SAT receiver operation keys**



**Cable tuner (CBL) operation keys**



**DVD player operation keys**

