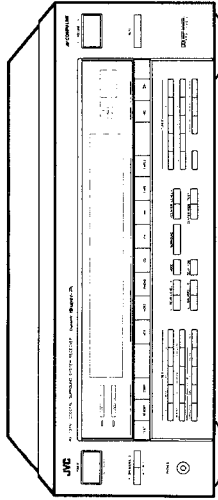


# Instruction Book



## Specifications

### AMPLIFIER SECTION

- Output power (CD IN—SP OUT) Front Channel
- Center channel
- Rear channel
- Total harmonic distortion (intermodulation distortion)
- Input sensitivity/impedance
- PHONO (MM)
- TAPE 1 PLAY, TAPE 2 PLAY, CD
- VCR 1 PLAY, VCR 2 PLAY
- Recording output level
- Frequency response
- PHONO
- TAPE 1 PLAY, TAPE 2 PLAY, CD
- VCR 1 PLAY, VCR 2 PLAY
- RIAA phono equalization
- Signal-to-noise ratio
- PHONO
- TAPE 1 PLAY, TAPE 2 PLAY, CD
- VCR 1 PLAY, VCR 2 PLAY
- S.E.A. SECTION
- Center frequencies
- Control range

- : 100 watts per channel, min. RMS, both channels driven into 8 ohms from 20 Hz to 20 kHz, with no more than 0.007% total harmonic distortion.
- : 50 watts, min. RMS, no 8 ohms at 1 kHz, with no more than 0.7% total harmonic distortion.
- : 20 watts per channel, min. RMS, into 8 ohms at 1 kHz, with no more than 0.7% total harmonic distortion.
- : 0.003% at 100 watts (1 kHz, 8 ohms)
- : 0.007% at 100 watts
- : 2.5mV/47k ohms
- : 220 mV/47k ohms
- : 220mV
- : 20 Hz — 20 kHz ( $\pm 0.5$  dB)
- : 5 Hz — 50 kHz ( $\pm 0.5$  dB)
- :  $\pm 0.5$  dB (20 Hz — 20 kHz)
- : 71 dB (PHONO)
- : 78 dB (TAPE 1 REC, TAPE 2 REC)
- : 100 dB (PHONO, TAPE 1 PLAY, TAPE 2 PLAY, VCR 1 PLAY, VCR 2 PLAY)
- : 63 Hz, 160 Hz, 400 Hz, 1 kHz, 2.5 kHz, 6.3 kHz, 16 kHz
- :  $\pm 10$  dB

### FM TUNER SECTION (IHF)

- Tuning range
- Usable sensitivity
- 50 dB quieting
- Signal-to-noise ratio (IHF-A net, 85 dBf)
- Total harmonic distortion (1 kHz)
- Frequency response
- Capture ratio (85 dBf)
- Alternate channel selectivity
- IF response ratio
- Stereo separation

### AM TUNER SECTION

- Tuning range
- Sensitivity
- Signal-to-noise ratio
- Selectivity
- Image response ratio
- IF response ratio
- Total harmonic distortion

### VIDEO SECTION

- Output signal level
- VCR 1 REC, VCR 2 REC, MONITOR OUT
- Impedance
- Synchronization
- Signal-to-noise ratio
- Crossstalk

### GENERAL

- Power requirements
- Power consumption
- Dimensions (W x H x D)
- Weight
- Measured at 1,000 kHz.
- Measured by JVC Audio Analysis System.

Design and specifications subject to change without notice.

## Table of Contents

- Rear Panel . . . . . 4
- Antennas . . . . . 5
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Thank you for purchasing this JVC product. Before you begin operating it, please read these instructions carefully, to be sure you get the best possible performance. If you have any questions, consult your JVC dealer.

**COMPU LINK**  
**Remote Control Component**

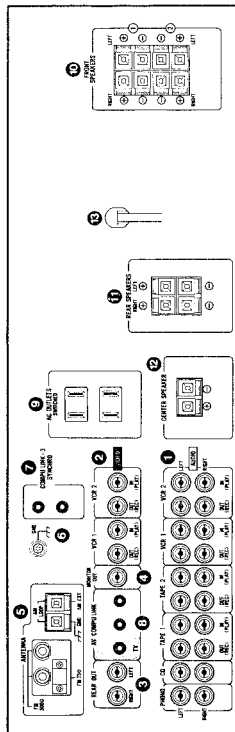
COMPU LINK is a computer-linked system by which individual JVC audio components are controlled via a computer. For further details, see page 22.

**AV COMPU LINK**

AV COMPU LINK is a computer-linked system by which individual JVC audio and/or video components are controlled via a computer. Connecting the AV COMPU LINK terminals on the rear panel to a JVC video components for AV COMPU LINK will enable one-touch control of the integrated audio/video system. For further details, see page 23.

**Rear Panel**

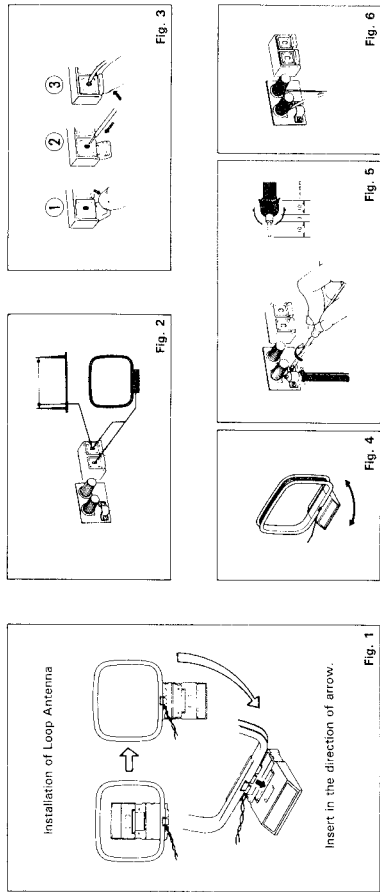
- Switch the power off when connecting any cables.



- AUDIO terminals**  
(PHONO, CD, TAPE 1, TAPE 2, VCR 1, VCR 2)  
For audio signal connection
  - Connect a turntable using a moving magnet (MM) type cartridge to the PHONO terminals.
- VIDEO terminals**  
(VCR 1, VCR 2)  
— For video signal connection
  - To upgrade the rear speaker sound (to get more power), connect an amplifier to these terminals. In this case, disconnect the rear SPEAKERS terminals, and connect them to the amplifier.
- MONITOR OUT terminals**  
— Connect the VIDEO INPUT terminal of a TV
- ANTENNA terminals**
- GND (ground) terminal**
- COMPU LINK-3 SYNCHRO terminals**  
Connect to units provided with COMPU LINK-3 SYNCHRO terminals for the COMPU LINK remote control function.
  - Do not connect the remote cable to the JVC cassette deck connected to the terminals other than TAPE 1.
- AV COMPU LINK terminals**  
— Connect to JVC video components provided with AV COMPU LINK terminals for the AV COMPU LINK function
- AC OUTLETS (SWITCHED)**
- FRONT SPEAKERS terminals**
- REAR SPEAKERS terminals**
- CENTER SPEAKER terminals**
- Power Cord**

- Notes:**
- When connecting components, connect their left and right channels correctly. If channels are reversed, the stereo effect will be degraded.
  - The AC OUTLETS do not supply power when the power switch is turned off.
  - Do not connect equipment requiring more than the outlet's rated value.

**Antennas**



**AM antennas**

**Figure 1: How to assemble the AM loop antenna**

This antenna is for the reception of local AM broadcasts.

**Figure 2: AM loop antenna**

If AM reception is unsatisfactory, connect an external AM antenna (single-wire antenna) to the AM EXT terminal.

**Figure 3: Connection of AM antenna**

1 Open antenna terminals levers.

2 Plug cords into the terminals.

3 Close the levers.

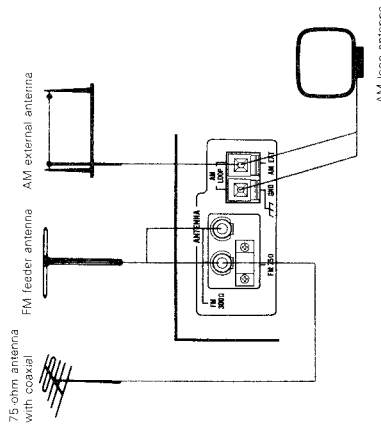
**Figure 4: Noise and interference**

Change the direction of the loop antenna, or re-install it in a better position if the reception is noisy.

**Notes:**

- If the provided loop antenna is not connected or an uninsulated antenna wire touches the rear panel, it will be impossible to receive AM broadcasts.
- When installing an external AM antenna, leave the AM loop antenna connected.

**Antenna Connections**



**FM antennas**

**Figure 5: 75-ohm FM antenna with coaxial**

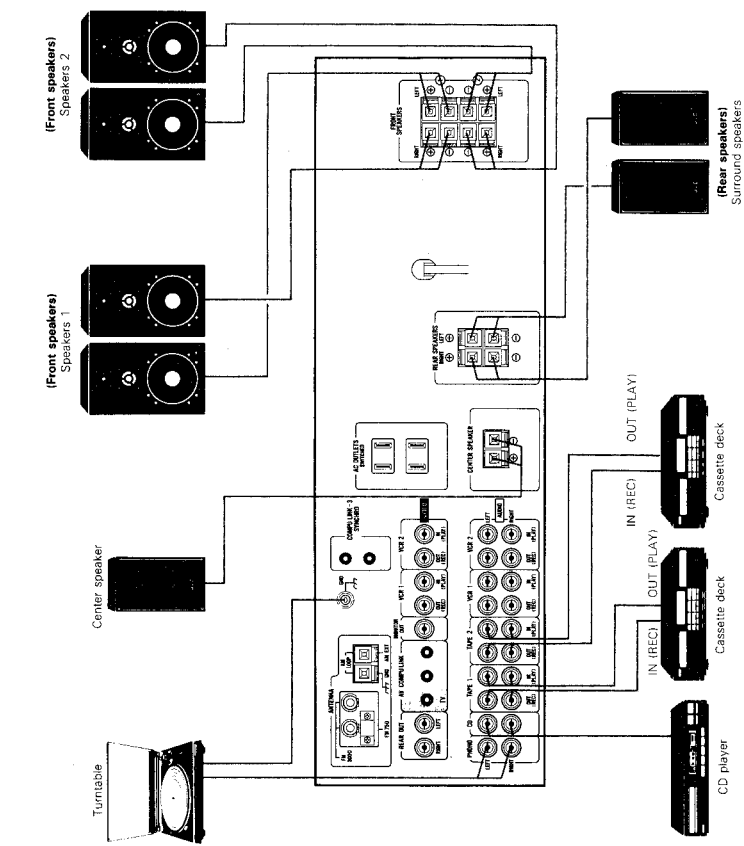
Loosen the screws on the bracket and insert the cable through the ring from below. Connect the stripped core to the upper terminal then tighten the ring. The ring is the antenna ground.

**Figure 6: FM Feeder antenna**

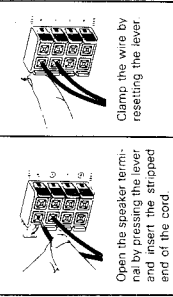
Connect to the FM 300 Ohm terminal. Make sure the feeder antenna wires do not touch any other terminals.

**Audio Component Connections**

- Increasing the Rear speakers' power output



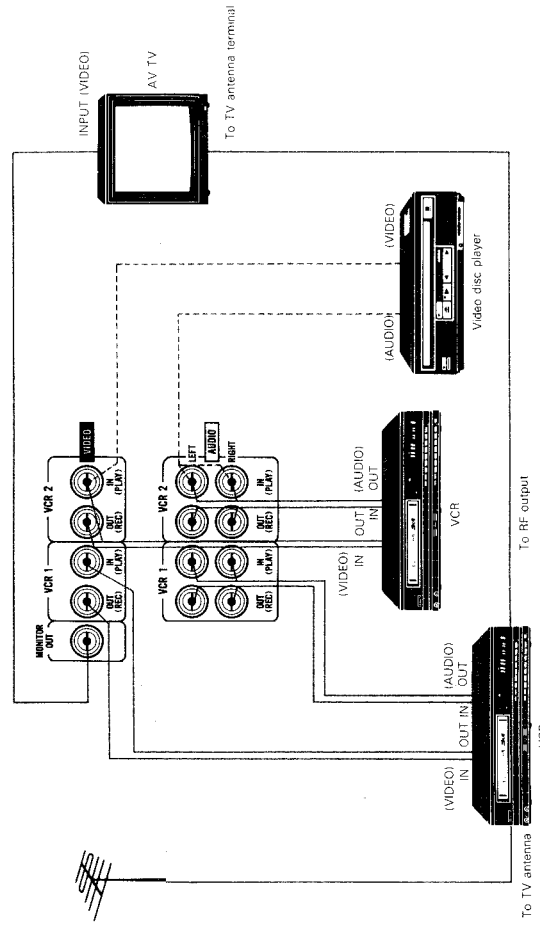
**Speaker Terminals**



**CAUTION:** Don't connect any equipment such as a TV with a speaker that is already connected to this receiver.

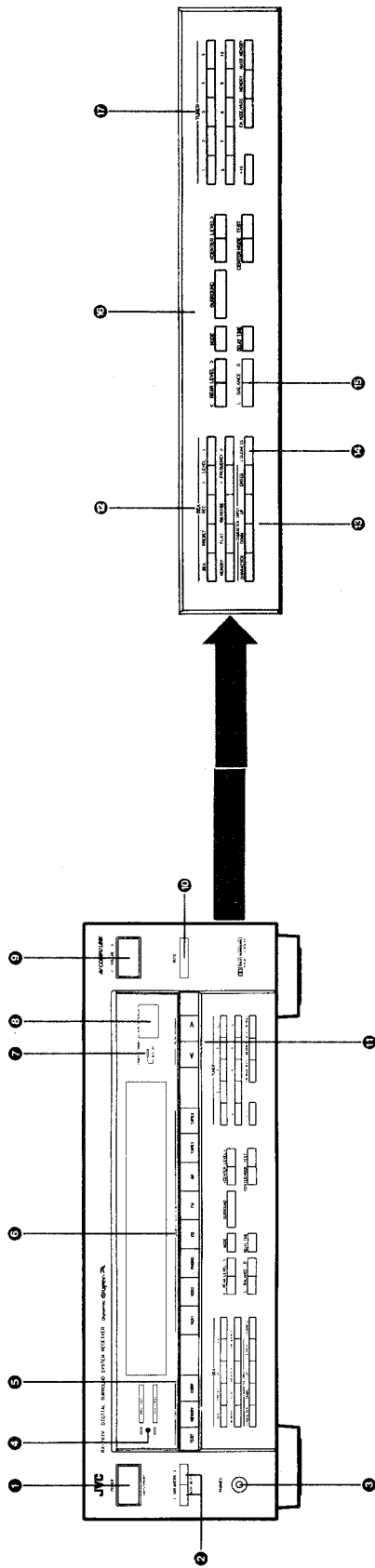
- Notes:**
- Connect speakers with the correct polarity: (+) to (+) and (-) to (-). Reversed polarity will degrade the stereo effect. Be careful to prevent adjacent speaker wires from touching each other.
  - Use speakers with the correct impedance. The correct impedance is indicated on the rear panel of the receiver.

**Video Component Connections**



- Since mutual interference between video and audio signals can occur, use shielded and distorted cables for the TV video antenna.

Front Panel



**1 POWER (ON/STANDBY)**

Press this button to turn the power ON. Press again to turn the power off and activate the STANDBY mode. The STANDBY indicator will light.  
A small amount of power (5 watts) is consumed in the STANDBY mode. To turn the power off completely, disconnect the power cord from the wall outlet. Preset data is retained in memory while the power cord is plugged into the wall outlet. If the power cord is disconnected or a power failure occurs, data is retained for two or three days.

**2 SPEAKERS 1, 2**

Turns speakers 1 and 2 ON or OFF.

**3 PHONES**

Plug headphones into this jack. If you want to hear from the headphones alone, turn OFF speakers 1 and 2.

**4 SURROUND INDICATOR**

Lights during surround playback for surround mode.  
When "DOLBY PRO-LOGIC SURROUND" is selected for surround mode.  
When "DOLBY 3CH LOGIC" is selected for surround mode.

**5 CSRP**

COMPU LINK SOURCE RELATED PRESET SYSTEM feature  
**TEST:** Displays all the CSRP setting data on each source one after another.  
**MEMORY:** Stores CSRP data in memory.  
**CSRP:** Turns the CSRP feature ON or OFF.

**6 SOURCE SELECTOR**

Use the following keys to select sources:  
• FM  
• VCR 1  
• VCR 2  
• PHONO  
• TAPE 1  
• TAPE 2  
• CD  
alternates between ON and OFF

**7 RECEIVED and POWER STANDBY indicator**

Lights when signals are received from the remote control unit or when the machine is in the STANDBY mode.

**8 REMOTE SENSOR**

Receives signals from the remote control unit.

**9 VOLUME <, >**

Adjusts the volume of sound from the speakers or headphones.

**10 MUTE**

Turns sound ON or OFF temporarily.  
When the VOLUME or BALANCE key is pressed the MUTE key is reset.

**11 TUNING <, >**

Turns in an AM or FM frequency.

**12 SEA**

Use the following keys for the S.E.A. Graphic Equalizer:  
**SEA:** Turns the S.E.A. ON or OFF.  
**PRESET:** Calls an S.E.A. preset pattern.  
**REC:** Turns S.E.A. recording ON or OFF.  
**LEVEL <, >:** Sets an S.E.A. level.  
**MEMORY:** Stores an S.E.A. pattern in memory.  
**FLAT:** Flattens S.E.A. characteristics.  
**REVERSE:** Reverses polarity of the S.E.A. characteristics.  
**FREQUENCY <, >:** Calls a frequency band to correct characteristics

**13 CHARACTER INPUT**

Use the following keys to assign titles or other data to the S.E.A. patterns or to TUNER channels you have preset:  
**CHARACTER:** Sets the CHARACTER INPUT mode.  
**DOWN, UP:** Press to select characters (letters, numerals, and symbols).  
**ENTER:** Stores created titles in memory.

**14 LOUDNESS**

Turns LOUDNESS ON or OFF. The ON position makes up for loss of the human auditory sensation when the sound volume is low.

**15 BALANCE L, R**

Adjust the volume balance between the left and right speakers.

**16 SURROUND**

Use the following keys to playback with surround sound effect.  
**SURROUND:** Turns the surround sound effect ON/OFF.  
**MODE:** Selects the surround mode.  
**CENTER MODE:\*** Selects the center channel mode.  
**TEST:\*** Turns the test tone ON/OFF.  
**REAR LEVEL:** Sets the output level of the REAR SPEAKERS.  
**CENTER LEVEL:\*** Sets the output level of the CENTER SPEAKER.  
**DELAY TIME:** Sets the delay time for the REAR SPEAKERS.

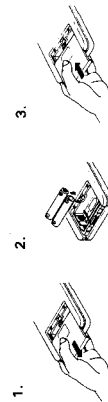
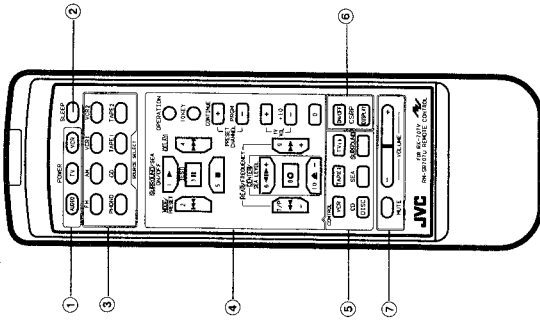
Use these keys when in the Dolby Pro-Logic Surround or Dolby 3ch Logic mode. They are not functional in HALL or STADIUM mode.

**17 TUNER**

Use the following keys to AM or FM broadcasts:  
**MEMORY:** Stores an AM or FM frequency (station) on a preset channel.  
**AUTO MEMORY:** Stores an AM or FM frequency on a preset channel using the AUTO MEMORY feature.  
**FM MODE/MUTE:** Selects FM reception modes 1 - 10, + 10  
(Tuner numeric keys): Press to select preset channels.

### Remote Control Unit

- The remote control unit provided control the receiver and JVC's audio visual gear from a remote place via the Compu Link Remote Control System.



### Name of Parts and Their Functions

- POWER AUDIO:** Press to change the power for the receiver ON or STANDBY.  
**T.V.:** Press to turn on or off the power to JVC's TV receiver.  
**VCR:** Press to turn on or off the power to JVC's VCR.
- SLEEP:** Use this control when you want to set the SLEEP TIMER.
- SOURCE SELECT:** Press to change the source selected for input to the receiver. Different functions are assigned to the Selectable Function keys depending on the source.
- Selectable Function keys**  
 These keys function in the mode selected with SOURCE SELECT keys or Function Mode Select keys.
- Function Mode Select keys**  
 Press to select the equipment you wish to operate. Different functions are assigned to the Selectable Function keys depending on the equipment. Pressing these buttons does not change the source selected for input to the receiver.
- CSRP ON/OFF:** Turns CSRP ON or OFF.
- DISPLAY:** Use to display the CSRP setting.
- VOLUME (-, +):** Press to adjust the output sound level.
- MUTE:** Press to turn the output sound ON or OFF temporarily.

### Inserting Batteries

The RM-SR707U remote control unit require two size AAAA (1.5 V) 24F batteries.

- Remove the rear cover of the remote control unit by pressing down gently while sliding it out.
- Insert the batteries, making sure that their position matches that of the diagram inside the remote.
- Replace the rear cover.

### Important Notes About Batteries

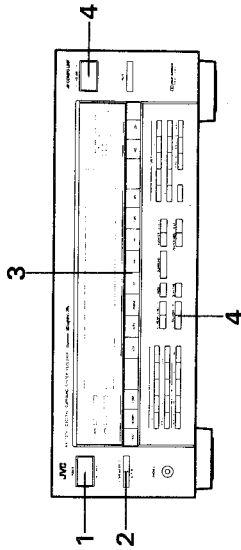
- If the range of the remote control unit seems shortened, the batteries may be old. Try inserting new batteries.
- Observe the polarity of the batteries when loading them.
- Do not use one new battery with one old battery.
- Be sure to use batteries of the same brand. Batteries may vary in voltage even through they look alike.
- If the remote control unit will not be used for a long time, remove the batteries.

### CAUTION:

Do not heat batteries or attempt to dispose of them by burning.

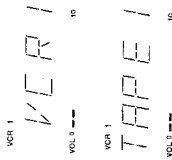
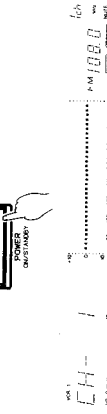
### Basic Operation

— Before Operating —  
 Before plugging the power cord into an AC outlet, check to be sure the individual components are connected correctly.



- Turn the POWER to ON.
- To listen to another audio source while watching VCR 1 or VCR 2:

Press either the VCR 1 or VCR 2 key, and then press the key for the desired audio source.



- Adjust the VOLUME and BALANCE keys to your taste.

Note: If a malfunction occurs when the power is ON, unplug the power cord and then plug it in again.

- Select a speaker system by pressing one of the SPEAKERS keys.



Note: If speakers are not connected to both SPEAKERS 1 and 2 terminals, do not turn ON both speaker systems as that would suppress sound output.

- Press one of the SOURCE SELECTOR keys for the desired source.



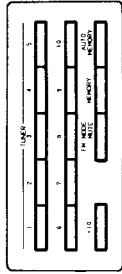
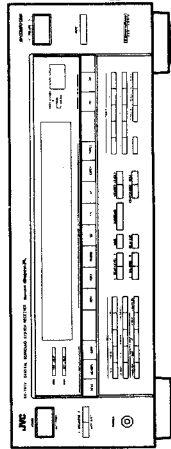
Note: These keys vary their settings while they are being pressed. The display normally shows VOLUME. It will change to BALANCE for about 5 seconds when the BALANCE keys are pressed.

The Dot Display section in the Display Window shows the input signal levels in each separate audio frequency bands.



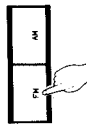
Important! Listening to an extremely loud sound may cause a hearing defect. Adjust the volume properly. Especially when using headphones, avoid listening to an extremely loud sound.

**Listening to AM or FM Broadcasts**

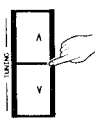


**■ Selecting a Station**

1. Press the AM or FM key.



2. Use the TUNING keys to find a station.



• While tuning in an FM station, press the FM MODE/MUTE key to light the MUTE/AUTO indicator, this cuts out inter station noise while tuning.



Each time the TUNING keys are pressed, the frequency is varied in steps of 10 kHz for AM and 0.1 MHz for FM. The setting will vary continuously while the keys are pressed and held.

Auto-tuning starts when the TUNING keys are released and stops when a station is tuned. To halt auto-tuning, press a TUNING key.



The TUNED indicator will light when a station is tuned in correctly.

- Adjust the antenna if the indicator does not light.
- The STEREO indicator will light when an FM stereo station is tuned in correctly.
- The FM stereo station is weak and noisy, press the FM MODE/MUTE key again to turn off the MUTE/AUTO indicator to improve reception (broadcast becomes monaural).

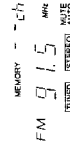
**■ Presetting Stations**

You can preset a total of 40 AM and FM stations (CH 1 through CH 40).

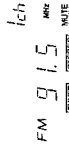
1. Tune in the desired station with the TUNING keys.



2. Press the MEMORY key to light its indicator.



3. Enter the channel number with numeric keys while the indicator is on (for about 5 seconds).



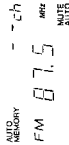
• If the indicator turns off before you enter the channel number, press the MEMORY key again.

4. Repeat this procedure to preset other channels.

**■ Auto Memory**

The auto-memory feature scans frequencies upward and presets stations as they are tuned, in ascending channel number order.

1. Using the TUNING keys, select the frequency from which you want auto-memory to start (the lower-limit frequency).
2. Press the AUTO MEMORY key to light its indicator.



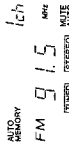
Enter the starting channel number with the numeric keys while the indicator is on (about 5 seconds).



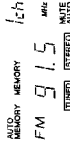
• If the indicator turns off before you enter the channel number, press the AUTO MEMORY key again.

3. The auto-memory feature starts scanning frequencies upward.

The TUNED indicator will light when a station is tuned, with the channel number blinking (for about 5 seconds).



4. The presetting is complete when the MEMORY indicator is lit.

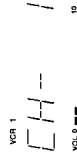


This continues until the upper-limit frequency is reached or all 40 channels are filled.

**Note:** If you do not want to preset a station, resume scanning by pressing the AUTO MEMORY key while the channel number is blinking. To halt the auto-memory feature, press any TUNER key other than the AUTO MEMORY key.

**■ Recalling preset channels**

1. Press numeric keys to select a preset channel.



• To indicate numbers 1 through 10, simply press the appropriate keys. To indicate numbers over 10, press the appropriate combination of keys.

Examples:

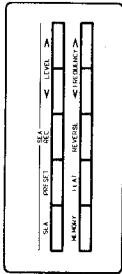
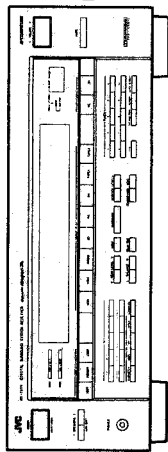
To indicate 17, press "1" + "0", then "7".

To indicate 20, press "1" + "0", then "10".

To indicate 26, press "1" + "0", twice, then "6".

To indicate 40, press "1" + "0", three times, then "10".

Using the S.E.A. Graphic Equalizer



The S.E.A. Graphic Equalizer breaks down the audible frequency range into seven bands. Each band of tones can be adjusted as desired by the listener. Thus allowing you to make the necessary adjustments in the precisely appropriate frequency bands.

- \*You can customize the sound to your taste.
- \*You can correct subtle frequency to suit the acoustic characteristics of your listening room.
- \*You can compensate for the conditions of audio equipment.

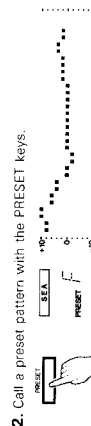
**Note:** The S.E.A. Graphic Equalizer does not work on the CENTER and REAR speaker sound.

■ Recalling a preset pattern

A total of 10 preset patterns can be used: 5 programmed preset patterns, and 5 manual patterns which you create (SEA-A through E).



The Dot Display normally shows the input signal levels. It will change to SEA level for about 5 seconds when the SEA, PRESET, LEVEL, FLAT, REVERSE, or FREQUENCY keys are pressed.



- A-E:** Manual patterns
- F HEAVY:** For music with a heavy beat.
- G) CLEAR:** For crisp, clear sound with transparent highs.
- H) SOFT:** For background music, at low volume level.
- I) MOVIE:** For TV, VCR, and videocassette sound.
- J) VOCAL:** For music that is chiefly vocal, or speech.

Order

A ▶ B ▶ C ▶ D ▶ E ▶ F ▶ G ▶ H ▶ I ▶ J ▶ (back to the beginning)

- After recalling these patterns, you can further change each frequency band to suit yourself. However, since they are representative patterns, the original, stored pattern will be unchanged.

■ Creating an S.E.A. pattern

1. Press the SEA key.
2. Press the FREQUENCY keys to call the desired frequency.



3. Press the LEVEL keys to adjust the S.E.A. level.



**Note:** When a frequency has been called, press the LEVEL keys while the frequency is displayed (about 5 seconds). If the display is cleared before you press the LEVEL keys, it can be recalled by pressing either FREQUENCY keys or LEVEL keys.

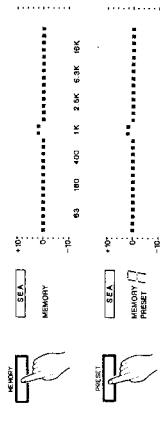
- The SEA key enables you to compare the sound corrected by S.E.A. with the original (uncorrected) sound during the procedure for creating an S.E.A. pattern. Pressing the SEA key to turn the S.E.A. OFF lets you hear the uncorrected sound. When you press the S.E.A. key again, the S.E.A. pattern being created is recalled and the corrected sound can be heard.
- To flatten the SEA characteristics.



Pressing the FLAT key while a pattern is yet to be preset will clear it. Be careful not to press the FLAT key inadvertently.

■ Presetting Manual Patterns

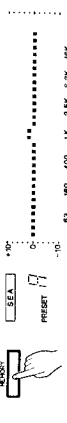
1. Create an S.E.A. pattern to preset as instructed in "Creating an S.E.A. pattern".
2. Press MEMORY key to light its indicator. Call one of the patterns to store (SEA-A through E) by pressing the PRESET keys while the indicator is on (about 5 seconds).



Order: A ▶ B ▶ C ▶ D ▶ E (back to the beginning)

**Note:** Press the MEMORY key again if the indicator turns off before you press the PRESET keys.

3. Press the MEMORY key again while the indicator is on (about 5 seconds). Memory presetting is complete when the MEMORY indicator turns off.



The preset SEA patterns can each be given a five-character title. See the section "Entering Characters" for further details.

■ S.E.A. recording

The sound corrected by S.E.A. can be recorded on the tape deck connected to the TAPE 1 terminals.

1. Press the SEA key to turn the S.E.A. ON.
2. Adjust the S.E.A. settings (PRESET, FREQUENCY, LEVEL).
3. Press the REC key.



4. Operate the recording procedure.

**Notes:**

- SEA recording is not available with the tape deck connected to the TAPE 2, VCR 1, and VCR 2 terminals.
- The REC key is not functional when the SURROUND key is ON.

The reverse feature offers you a noise reduction effect during tape recording. First, record sources with emphasis on high-pitched tones by using SEA; during playback, activate reverse SEA, to cut hissing noise inherent in tape recording.

To reverse the polarity of the S.E.A. characteristics, press the REVERSE key.



Frequency band responses

**63 Hz:** Raise to emphasize the very low bass response of organs, drums, and contrabass. When de-emphasized, eliminated unclear response at low frequencies.

**160 Hz:** Emphasize to obtain a more expanded low sound. De-emphasize to eliminate unclear sound caused by large or nearly empty listening rooms.

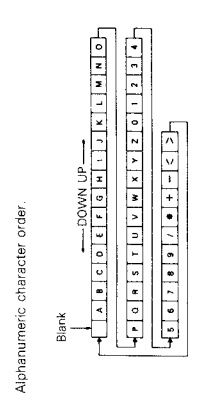
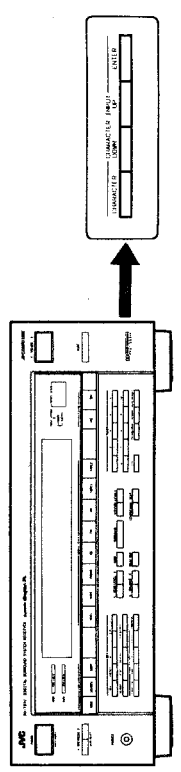
**400 Hz:** This frequency range is the base on which music is constructed. Emphasize to put real punch in your music.

**1 kHz:** Most effective in emphasizing or de-emphasizing the human voice. Sounds hard or metallic, de-emphasize it.

**6.3 kHz:** This frequency band varies the tonal expression, influencing the subtleties of the music.

**16 kHz:** Boosting this frequency range suitably adds to the delicacy of highs, with contrabass and energies resounding in a more ear-pleasing manner, and provides a feeling of extension.

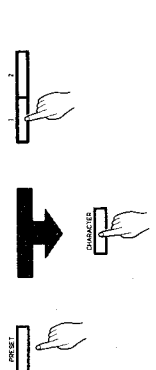
## Entering Characters



You can name the S.E.A. manual preset patterns (SEA A to E) and the TUNER preset channels (CH 1 to 20) as you wish. Up to five characters can be entered.

1. Specify a S.E.A. manual preset pattern or a TUNER preset channel, then press the CHARACTER key.

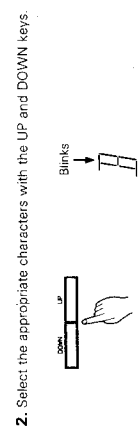
<To specify a S.E.A. pattern> <To specify a Tuner Preset Channel> Use the S.E.A. PRESET key. Use the numeric keys.



Blinks

The cursor at the left blinks. If a character has already been entered, the character blinks.

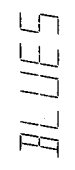
**Note:** When a preset S.E.A. pattern has been called, press the CHARACTER key while the pattern is displayed (about 5 seconds). If the display is cleared before you press the CHARACTER key, press the PRESET key.



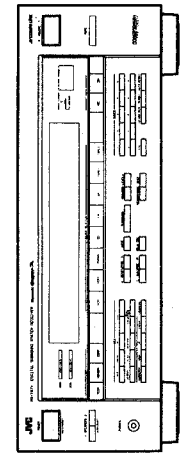
2. Select the appropriate characters with the UP and DOWN keys.

• To alter the characters, move the blinking cursor to the desired character for correction using the CHARACTER key.

4. When the entry is complete, press the ENTER key to store it in memory.



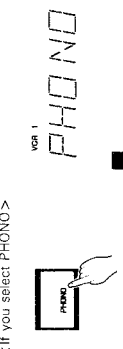
## Recording



■ **Recording**

1. Press the SOURCE SELECTOR key for the desired source.
2. Operate the corresponding source equipment.

<If you select PHONO>



Turntable and tape deck can be operated.

**Note:** The surround sound is recorded as a normal stereo sound even if it is recorded with the SURROUND key is ON.

■ **Three-Head Tape Decks**

If you have a three-head tape deck, you can use it to monitor the sound being recorded. Connect the tape deck to the TAPE 2 terminals and proceed as follows.

1. Start recording the source onto the TAPE 2 deck.

When the TAPE 2 MONITOR indicator is off, you hear the sound of the source playing through the speakers.



Now you hear the sound of the recording immediately as it is made on the tape.

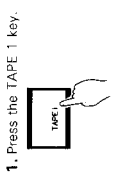
• By pressing the TAPE 2 key on and off, you can compare the sound quality of the source with the quality of the tape recording being made.

**Note:** Set the recording level from the tape deck. It can not be set with the VOLUME control of this machine.

■ **Dubbing Tapes**

Dubbing can be similarly performed between TAPE 1, TAPE 2, VCR 1 and VCR 2. When dubbing from the TAPE 2 deck to another tape deck, press the TAPE 2 key and the SOURCE SELECTOR key other than the tape deck.

<To record from TAPE 1 to TAPE 2>



1. Press the TAPE 1 key.

<To record from TAPE 2 to TAPE 1>

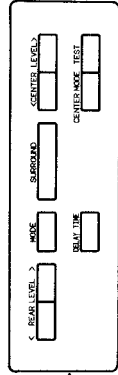
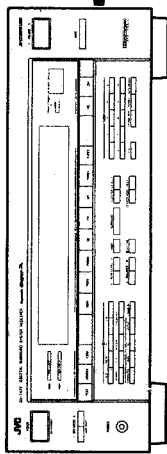
1. Press the TAPE 2 key and a SOURCE SELECTOR key other than TAPE 1.



2. Play back the TAPE 2 deck and record with the TAPE 1 deck.



**Playing Back with a Surround-sound Effect**



The soundtracks of the video software bearing **[DOLBY SURROUND]** mark includes the same encoded surround information as found in the Dolby Stereo films. As the receiver incorporates a DOLBY PRO-LOGIC SURROUND decoder circuit, you can get the Dolby Stereo theatre's ambience and effect, when watching these video sources at home.

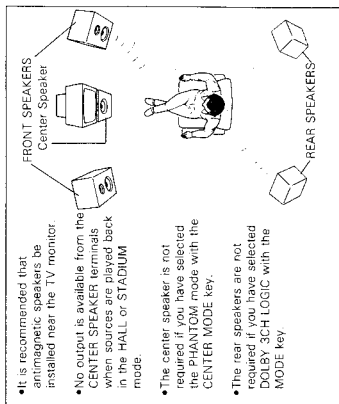
**Dolby Pro Logic Surround decoder provides:**

- Four primary sound channels — LEFT, RIGHT, SURROUND and additional CENTER channel.
- Adaptive Matrix to actively derive each channel.

The result is that Dolby Pro Logic Surround has the effect of widening the useful listening area and enhancing directional effects.

**Now you can fully enjoy all the Dolby Surround software available.**

**SPEAKER LAYOUT EXAMPLE**



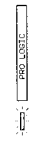
1. Set the SURROUND key to ON.



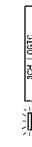
2. Press the MODE key to select the Surround mode: DOLBY PRO-LOGIC SURROUND, DOLBY 3CH LOGIC, HALL or STADIUM.



• **DOLBY PRO-LOGIC SURROUND**  
Select this mode when you use video software with the **[DOLBY SURROUND]** mark.



• **DOLBY 3CH LOGIC**  
Select this mode when you use video software with the **[DOLBY 3CH LOGIC]** mark with the rear speakers unconnected.



For ordinary stereo sources use HALL or STADIUM

• **HALL**

— This mode produces the expanding surround sound effect such as you would experience in a music hall.



• **STADIUM**

— This mode provides the powerful, dynamic surround sound effect of stadium music.



Each time the MODE key is pressed, the Surround mode changes as follows:

DOLBY PRO-LOGIC SURROUND ► DOLBY 3CH LOGIC ► HALL ► STADIUM ► (back to the beginning)

3. Press the CENTER MODE key to select the center channel mode when the DOLBY PRO-LOGIC SURROUND or DOLBY 3CH LOGIC mode is selected.



There are four center channel modes:

• **PHANTOM:**



Select this mode when not using the center speaker.

- Center channel signals are distributed between the front left and right speakers with an equal level.
- Dolby 3ch Logic does not have a PHANTOM mode.

• **NORMAL:**



Select this mode when using a compact speaker (which has difficulty reproducing low frequencies) to reproduce center channel signals.

- Center channel signals are reproduced through the center speaker, with low frequencies being cut off
- Low-frequency center channel signals are reproduced from the front left and right speakers.

• **WIDE:**



Select this mode when using a speaker similar to the front speakers to reproduce center channel signals.

- Center channel signals are reproduced through the center speaker as they are

• **OFF:**



The CENTER channel output can be set to off.

Each time the CENTER MODE key is pressed, the center channel mode changes as follows:

PHANTOM ► NORMAL ► WIDE ► OFF ► (back to the beginning)

4. Playback the source.

**Notes:**

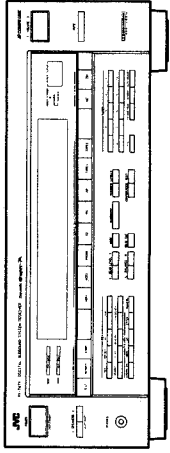
- The input signal balance is adjusted to be equal automatically by the Auto-Input Balance circuit incorporated in the receiver.
- Playing back with the center channel mode set to "OFF" enables you to check the left and right balance of the signals input to the receiver.
- Even better surround sound effect can be enjoyed by making the adjustment described on the next page.
- A monaural source signal is not output through the rear speakers even if Surround is used.

**DOLBY PRO-LOGIC SURROUND**



- Manufactured under license from Dolby Laboratories Licensing Corporation. Additionally licensed under one or more of the following patents: U.S. Numbers 3,632,886; 3,746,792 and 3,959,590; Canadian Numbers 1,004,603 and 1,037,877. "DOLBY" and double D symbol **[D]** are trademarks of Dolby Laboratories Licensing Corporation.

**Running the CSRP (Compu Link Source Related Preset system) Feature**

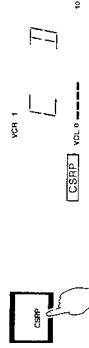


CSRP is the state-of-the-art electronic feature that presets volume, balance, and other control settings. This was previously done manually each time a different source was played back. This feature lets you invoke preset control settings by simply pressing a SOURCE SELECTOR key or calling up a TUNER preset channel without repeating many settings each time sources are changed.

The following controls can be preset on each SOURCE SELECTOR key (except TAPE 2) or TUNER preset channel (CH-1 through CH-10)

- VOLUME ON/OFF
- BALANCE Surround Mode
- LOUDNESS Center Channel Mode
- S.E.A. Rear Level
- SURROUND Delay Time
- ON/OFF Preset Pattern

When the CSRP key is turned ON the display will show the date settings on the currently selected SOURCE SELECTOR key or TUNER preset channel in sequence with the indicator blinking rapidly. Subsequently, a similar display occurs each time an additional source is selected.



**Note:**  
The current preset data is displayed in sequence when the power is turned on with the CSRP ON.

**To confirm the settings presented in the current source**

Press the CSRP DISPLAY button on the remote control unit. This operation does not turn on or off CSRP.



**Notes:**

- Center level adjustment is not required if the PHANTOM mode has been selected.
- Output level balance adjustment will be made easier by using the remote control unit.

**Adjusting the Delay Time**

Set the Delay Time for the rear speaker sound with respect to the front speaker sound using the DELAY TIME key.

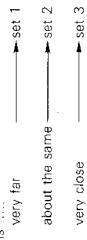
Each time you press the key, the delay time changes in the following order:

- 1 ▶ 2 ▶ 3 ▶ (back to the beginning)

Setting advice:

Compare the distances between the front speakers and the listener and the rear speakers and the listener.

If the position of the rear speakers, compared to the front speakers, is



After you have made an initial setting, make additional adjustments while listening to the source sound.

**Note:**  
The Delay Time is stored in each mode until you make another change.

**■ Adjustment**

Make the following adjustment to get maximum out of the surround sound effect.

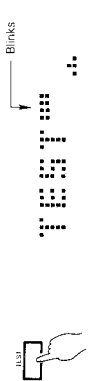
There are two items to be adjusted:

- Output Level balance
- Delay Time

**Adjusting the output level balance**

1. Select the DOLBY PRO-LOGIC SURROUND or DOLBY 3CH LOGIC mode with MODE key.

2. Press the TEST key to turn the test tone ON.



The channel from which the test tone is being output is displayed.

3. You can hear the test tone clockwise through left-center-right-surround repeatedly. Test tones are repeatedly output in the order left, center and right in the DOLBY 3CH LOGIC mode. Adjust the test tone to the same level with the REAR LEVEL keys and CENTER LEVEL key.



You can set the rear level and the center level up to ±20dB.

**Presetting Procedure**

- Before proceeding, set the preset state.
1. Press the MEMORY key to blink the CSRP indicator.



2. Press either the SOURCE SELECTOR key or call up the tuner preset channel using TUNER numeric keys while the CSRP indicator is blinking (about 5 seconds).

When the presetting is complete, the display will show preset data in the following order with the indicator blinking rapidly.

**Note:**

Press the MEMORY key again if the indicator stops blinking before you press a SOURCE SELECTOR key. Even with the SEA key ON, the SEA PRESET indicator will blink when the MEMORY key is pressed if an S.E.A. preset pattern has not been previously selected. In this case, select an S.E.A. preset pattern and retry this operation.

**■ CSRP TEST**

When the TEST key is pressed, all the CSRP data on each SOURCE SELECTOR key (except TAPE 2) or tuner preset channel are displayed in the following order.



For FM and AM, the last selected preset channel is recalled.

**Notes:**

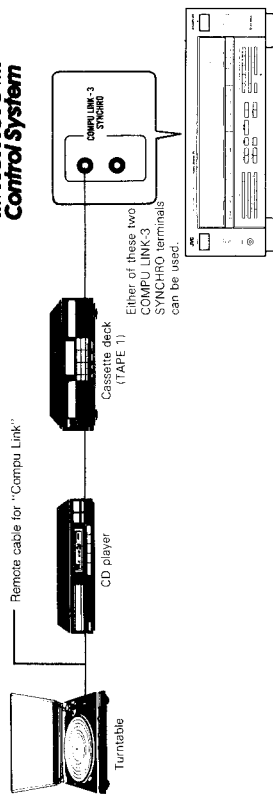
- Sound and image output is suppressed while a CSRP test is in progress.
- All other operations are disabled while a CSRP test is in progress.

To exit from this mode, press the TEST key again.

**COMPU LINK Remote Control System**

• For audio terminal connections, see "Audio Component Connections".

**COMPU LINK  
III Remote III  
Control System**



**Notes:**

- COMPU LINK remote control does not work on the tape deck connected to the TAPE 2 terminals. If you connect a tape deck to the TAPE 2 terminals, disconnect the remote control cable.
- If the power for any connected equipment is shut off during synchronized recording, the system will not operate properly. In this case, you must start all over again.
- During synchronized recording the SOURCE SELECTOR key will lock in either the CD or PHONO position. This is to prevent you from accidentally stopping the recording or changing to any other source. To change to another source you must first stop synchronized recording.
- If you program track numbers on a CD player or CD auto-changer and use synchronized recording, a blank space about 4 seconds long will be left between recordings. This permits music scanning.

**Display examples**

When using the remote control unit to operate equipment which has the COMPU LINK-3/SYNCHRO terminals, the name of the source and the operating mode will appear on the display.

Symbol	Indication
[RECORDING SYMBOL]	REC
[PAUSE SYMBOL]	"RECPAUSE" mode
[RECORDING SYMBOL]	"RECPPLAY" mode

JVC's exclusive "COMPU LINK" remote control system connects equipment with JVC COMPU LINK-3/SYNCHRO terminals to the remote control system. The equipment can be controlled from the remote control unit, or other functions (such as automatic source selection and synchronized recording) can be used. For further details, see the remote control unit description in this instructions.

■ **Equipment remote control**

By connecting the COMPU LINK-3 SYNCHRO terminal to the receiver, the equipment that does not have REMOTE SENSOR in its main unit can be remote controlled via REMOTE SENSOR of the receiver.

■ **Automatic source selection**

Pressing SOURCE SELECTOR keys will automatically put the corresponding source equipment into the PLAY mode. When the PLAY key on source equipment is pressed, the corresponding SOURCE SELECTOR key is automatically set to that source. Other source equipment shuts down about 5 seconds later.

■ **Synchronized recording**

Synchronized recording permits a tape deck to start recording automatically in synchronization with a CD player or turntable. Set the tape deck in the RECPAUSE mode and press the PLAY key on the CD player or turntable. The tape deck will enter the recording mode automatically, starting synchronized recording. Synchronized recording stops automatically after the CD player or turntable has stopped and the tape deck has entered the RECMUTE mode for about 4 seconds.

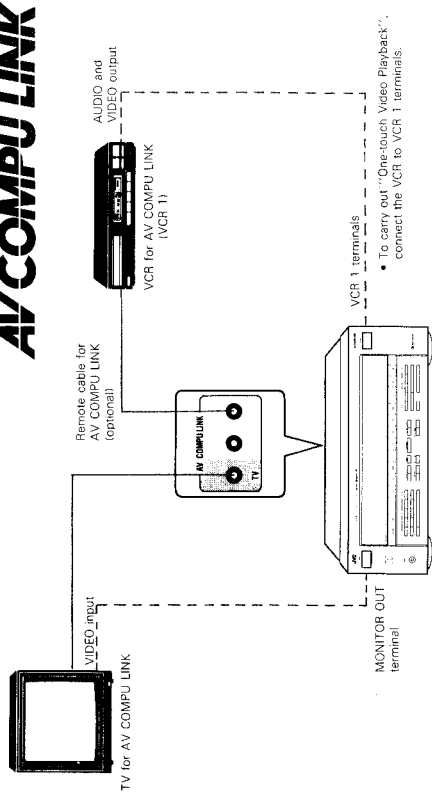
To set the RECPAUSE mode, press the REC and the PAUSE key at the same time. Synchronized recording is disabled if the PAUSE key is pressed after the REC and the PLAY key are pressed simultaneously. For details, refer to the tape deck instructions.

■ **CD auto-changer with COMPU LINK-3 SYNCHRO terminal**

You can turn on/off the CD auto-changer along with the RX-707VTN by connecting the COMPU LINK-3 SYNCHRO terminal of the CD auto-changer to the RX-707VTN. For details refer to the CD Auto-Changer instructions.

**AV COMPU LINK System**

**AV COMPU LINK**



Connecting the AV COMPU LINK terminals on the rear panel to a JVC video components for AV COMPU LINK will enable one-touch control of the integrated audio/video system.

There are three AV COMPU LINK terminals. To connect a TV, use the terminal marked "TV". To connect a VCR, use either of the remaining two terminals.

**One-touch Video Playback**

The TV, VCR, and the receiver turn on, and the video tape plays back automatically.

- When playing back a video tape that is not overwrite protected or there is already a video tape inside the VCR, press "PLAY" on the VCR.
- The input source selectors of the TV and receiver are automatically selected.

This means that simply loading a tape prepares everything needed to enjoy videos on your integrated audio/video system.

When you switch the SOURCE SELECTOR of the receiver to VCR 1 or VCR 2, the TV input will also automatically be set to VIDEO.

**AV system power ON/OFF**

When the receiver is turned off, the TV and VCR are automatically turned off.

When the receiver is turned on, the components which are automatically turned on with the receiver depends on the SOURCE SELECTOR key settings

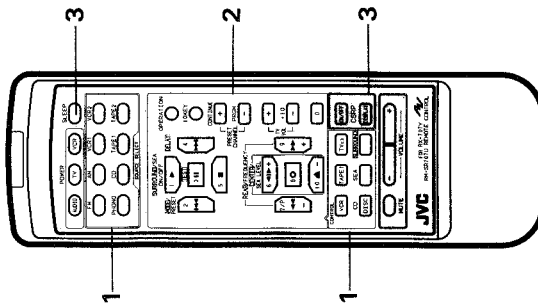
- If the SOURCE SELECTOR keys were set to VCR 1 when the power was turned off, both the TV and VCR 1 are turned on.
- If the SOURCE SELECTOR keys were set to VCR 2 when the power was turned off, the TV is turned on.
- If the SOURCE SELECTOR keys were set to an audio source when the power was turned off, only the receiver is turned on.

**Notes:**  
• The AV COMPU LINK terminals and the COMPU LINK-3 SYNCHRO terminals are not the same jack.  
• If the AV COMPU LINK terminal and the SWAP terminal of the VCR share the same terminal for connection, select whichever one you need.  
• The AV COMPU LINK terminals must not be connected to any VCR not made for AV COMPU LINK (whether manufactured by JVC or not.)  
• The AV COMPU LINK terminals of the receiver has three jacks. The jack marked TV must be connected to TV.  
• For connection, use the shielded audio cable with monoaural mini plug (3.5 mm φ) equivalent to the remote cable for COMPU LINK-3 SYNCHRO.

- When operating the TV by remote control, point the remote control unit at the REMOTE SENSOR of the receiver.
- (When a remote cable is connected to the AV COMPU LINK terminals of the TV, REMOTE SENSOR of the TV is disabled.)
- When operating the VCR by remote control,
  1. If the VCR has a remote control code switch, set the switch to the "A" mode.
  2. Point the remote control unit directly at the VCR.

## Operating with the Remote Control Unit

- Direct the transmitter window of the remote control unit at target equipment within a distance of 7 meters. Take care to avoid obstacles between the transmitter and the target. Press keys slowly and positively, making sure the desired functions result.
- The key markings on the transmitter may not match those on the equipment. Check the markings.
- The remote control unit cannot control equipment functions they do not support. Older equipment may not be receptive to their input.
- Check for connection of the COMPU LINK-3/SYNCHRO terminals on the remote equipment by a remote cable.
- The operation of each key on the remote control unit is clearly displayed on the receiver.
- For specific procedures, refer to the instructions for the particular equipment.
- Switch on the power to all the equipment required before starting operation. The POWER key on the remote control unit can switch on the power to the AUDIO receiver, TV and VCR.



### Basic Operation

1. Select the function mode with the Function Mode Select keys or SOURCE SELECT keys.



- SOURCE SELECT keys also change the source input to the receiver.
  - Use a Function Mode Select key (VCR or TAPE 1) to operate an equipment while you are listening to the sound of another source, for example, to have a tape deck standby while playing a CD.
- If the source has two modes (OPERATION Mode and 10 KEY mode), use the OPERATION keys and 10 KEY key to switch the mode.



- The functions of the numeric keys (1 ~ 10, + 10, 0) may vary according to the unit you operate. Be sure to read the instructions for each unit.
2. Use the Selectable Function keys.
  3. Use other keys (VOLUME, MUTE, CSRP, SLEEP) as needed

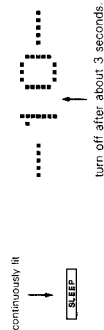
### Using the SLEEP timer

The sleep timer shuts off the receiver (to enter the STANDBY mode) when the preset time intervals have elapsed.

1. Press the SLEEP key to set the timer setting mode.



2. Each time the SLEEP key is pressed subsequently, the timer can be set up to 80 minutes; in 10-minute multiples.



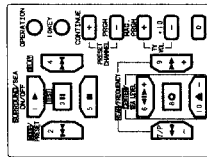
3. After the minute display turns off, press the SLEEP key once more to display the remaining time in minutes.

### Operating the Receiver

**Aim the signals at the REMOTE SENSOR on the receiver.**

#### FM/AM broadcast

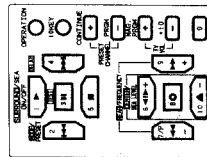
1. Press the FM or AM key of the SOURCE SELECT keys.
2. Use the Selectable Function keys.



- 1 ~ 10, + 10 : Select the preset channel
- PRESET CHANNEL + : Scans to higher preset channels. - : Scans to lower preset channels.

#### S.E.A. graphic equalizer

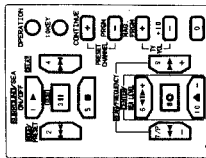
1. Press the SEA key of the Function Mode Select keys.
2. Use the Selectable Function keys.



- SEA ON/OFF :** Turn the S.E.A. ON or OFF.  
**PRESET :** Calls an S.E.A. preset pattern.  
**FREQUENCY +, - :** Calls a frequency band to correct SEA LEVEL.  
**SEA LEVEL +, - :** Sets an S.E.A. level.

### Surround sound effect

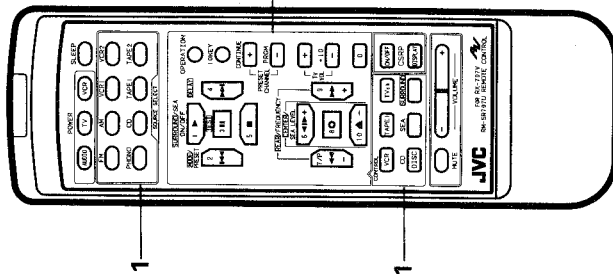
1. Press the SURROUND key of the Function Mode Select keys.
2. Use the Selectable Function keys.



- SURROUND :** Turns the surround sound effect ON/OFF.  
**MODE :** Selects the surround mode.  
**DELAY :** Sets the delay time for the surround channel.  
**TEST :** Turns the Test Tone ON/OFF.  
**REAR +, - :** Sets the output level of the rear channel.  
**CENTER +, - :** Sets the output level of the center channel.

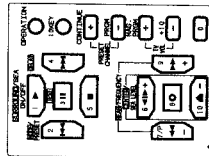
■ Operating the Audio Components

Aim the signals at the REMOTE SENSOR on the receiver.



Cassette Deck (TAPE 1)

1. Press the TAPE 1 key of the SOURCE SELECT or Function Select keys.
2. Use the Selectable Function keys.



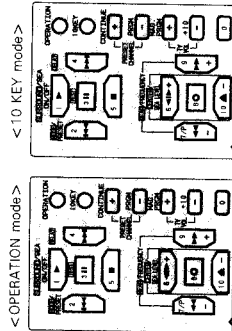
- ▲ : Starts playback.
- : Stops operation.
- ◀ : Skips to the beginning of the previous tune.
- ▶ : Skips to the beginning of the next tune.
- ⏮ : Stops playback/recording temporarily. To release it, press ▲.
- ⏭ : Change the tape running direction.
- ⏪ : Fast winds the tape from right to left.
- ⏩ : Fast winds the tape from left to right.
- ⏹ : Press together with ▶ to start recording.
- ⏸ : Press together with ⏮ to enter record-pause mode.

Cassette Deck (TAPE 2)

1. Press the TAPE 2 key of the SOURCE SELECT keys.
2. A cassette deck connected to the TAPE 2 terminal cannot be operated with the remote control unit. Use the switches or buttons on the apparatus.

CD

1. Press the CD key of the SOURCE SELECT keys.
2. Use the Selectable Function keys.

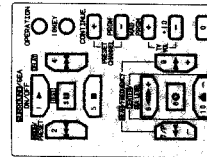


- <OPERATION mode>
- ▲ : Starts play.
- : Stops operation.
- ◀ : Skips to the beginning of the previous track.
- ▶ : Skips to the beginning of the next track.
- ⏮ : Moves backward quickly during play.
- ⏭ : Moves forward quickly during play.
- ⏹ : Stops play temporarily. To release it, press ▲.
- ⏸ : Move the disc tray in and out.
- <10 KEY mode>
- 1-10, +10, 0 : Select the track number.

•When the source is switched, the OPERATION Mode is selected first.

Turntable

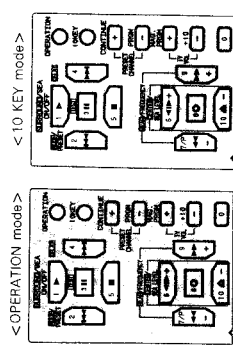
1. Press the PHONO key of the SOURCE SELECT keys.
2. Use the Selectable Function keys.



- ▲ : Starts play.
- : Stop play.

CD Auto-changer

1. Press the CD DISC key of the Function Mode Select keys.
2. Use the Selectable Function keys.



<10 KEY mode>

- 1-6, 7/P : Select the disc number.
- CONTINUE : Use for continuous play.
- PRGM : Use for programmed play.
- MAG PRGM : Use for magazine program play.
- <OPERATION mode>
- ▲ : Starts play.
- : Stops operation.
- ◀ : Skips to the beginning of the previous track.
- ▶ : Skips to the beginning of the next track.
- ⏮ : Stops play temporarily. To release it, press ▲.
- ⏭ : Moves backward quickly during play.
- ⏹ : Stops play temporarily. To release it, press ▲.
- ⏸ : Move forward quickly during play.

•When the function is switched, the 10 KEY mode is selected first.

- To select track numbers, press the CD key before using 1 to 10, +10 and 0 key.