

# JVC

## INSTRUCTIONS

# RX-805VTN/RX-805VLTN

## DIGITAL SURROUND SYSTEM RECEIVER

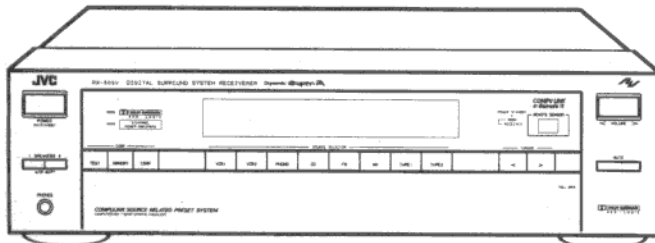
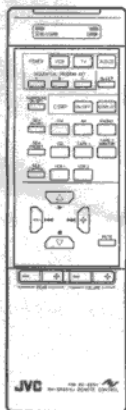
BEDIENUNGSANLEITUNG: RECEIVER MIT DIGITAL-SURROUND-SOUND-SYSTEM

INSTRUCTIONS: AMPLI-SYNTONISEUR AVEC SYSTEM SURROUND NUMERIQUE

GEBRUIKSAANWIJZING: RECEIVER MET DIGITAAL SURROUNDSYSTEEM

MANUAL DE INSTRUCCIONES: RECEPTOR CON SISTEMA DE SONIDO DIFUSO DIGITAL

BRUKSANVISNING: RECEIVER MED DIGITA SURROUND SYSTEM



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

For Customer Use:  
Enter below the Model No. and Serial No.  
which is located either on the rear, bottom  
or side of the cabinet. Retain this informa-  
tion for future reference.

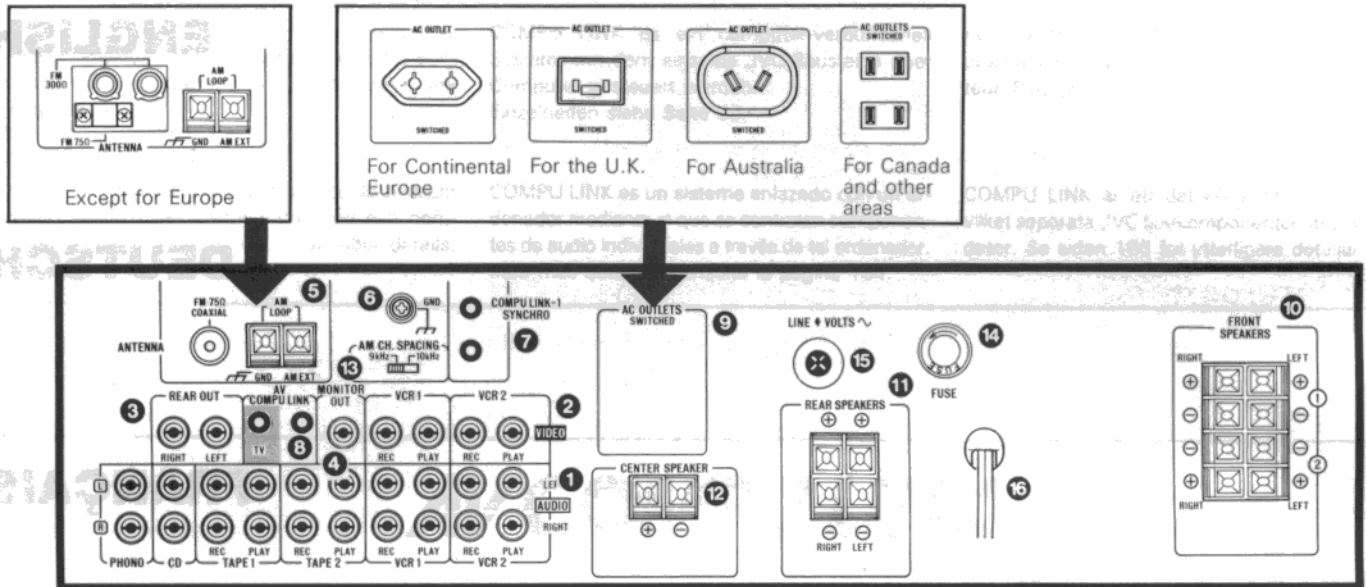
Model No. \_\_\_\_\_

Serial No. \_\_\_\_\_

E30580-1698A

## Rear Panel

- Switch the power off when connecting any cables.



### 1 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.

### 2 VIDEO terminals (VCR 1, VCR 2)

— For video signal connection

### 3 REAR OUT terminals

— To upgrade the rear speaker sound (to get more power), connect an amplifier to these terminals. In this case, disconnect the rear speakers from the REAR SPEAKERS terminals, and connect them to the amplifier.

### 4 MONITOR OUT terminals

— Connect the VIDEO INPUT terminal of a TV.

### 5 ANTENNA terminals

### 6 GND (ground) terminal

### 7 COMPU LINK-1 SYNCHRO terminals

— Connect to units provided with COMPU LINK-1 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.

### 8 AV COMPU LINK terminals

— These terminals are provided for connecting the AV COMPU LINK to JVC AV COMPU LINK-compatible video components to be marketed in the future.

### 9 AC OUTLETS (SWITCHED)

### 10 FRONT SPEAKERS terminals

### 11 REAR SPEAKERS terminals

### 12 CENTER SPEAKER terminal

### 13 AM channel spacing switch\*\*

### 14 Fuse holder\*

### 15 Voltage selector\*\*

### 16 Power Cord

\* Not provided on units for Canada, the United Kingdom and Australia.

\*\* Not provided on units for Canada, Continental Europe, the United Kingdom and Australia.

### 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

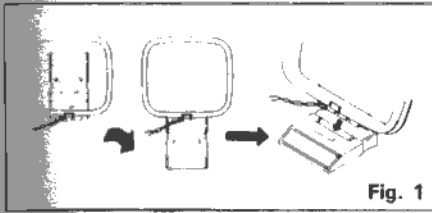


Fig. 1

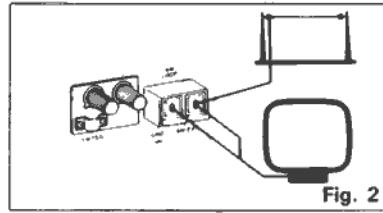


Fig. 2

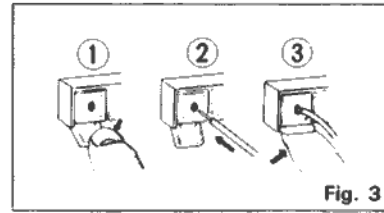


Fig. 3

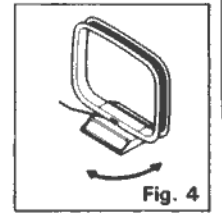
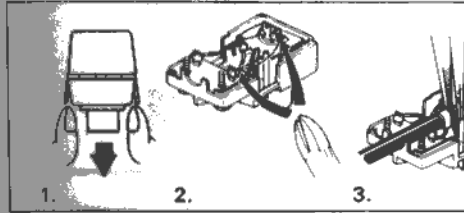


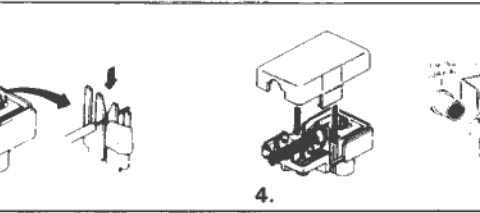
Fig. 4



1.

2.

3.



4.

Fig. 5

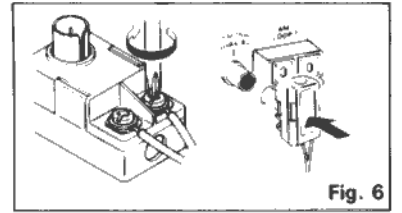


Fig. 6

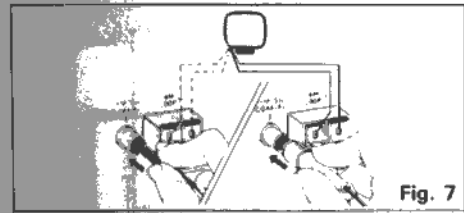


Fig. 7

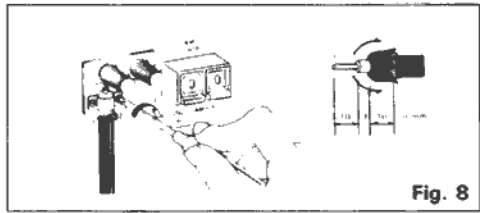


Fig. 8

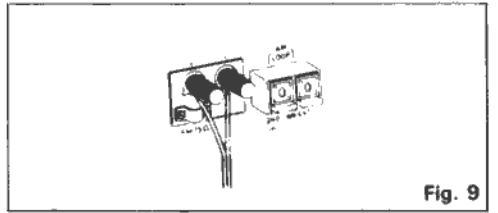


Fig. 9

## AM antennas

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

### Figure 2: AM loop antenna

This antenna is for the reception of local AM broadcasts.

### Figure 2: AM external 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.

## FM antennas

### For Europe

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

1. Open the claws at both sides and remove the cover.
2. Cut both ends of the cord and remove it.
3. Fix the coaxial cable and its core.
4. Put on the cover.

### Figure 6: 300-ohm antenna

Attach the feeder antenna to the FM connector as shown in the figure. Connect the FM connector to the FM 75 Ω COAXIAL terminal.

### For F.R. Germany

### Figure 7: 75-ohm antenna with coaxial

The FM wire antenna provided can be connected to a FM 75 Ω COAXIAL terminal as a temporary measure.

A 75-ohm antenna with coaxial type connector (DIN 45 332) should be connected to the FM 75 Ω COAXIAL terminal.

## Except for Europe

### Figure 8: 75-ohm antenna with coaxial

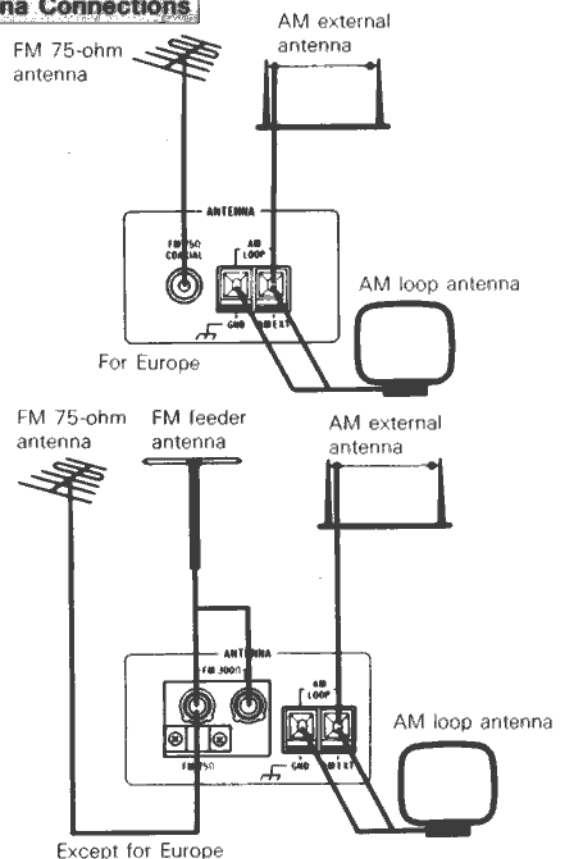
Loosen the screws on the bracket and insert the cable through the ring from below. Connect the stripped core to the upper terminal then tighten the ring.

The ring is the antenna ground.

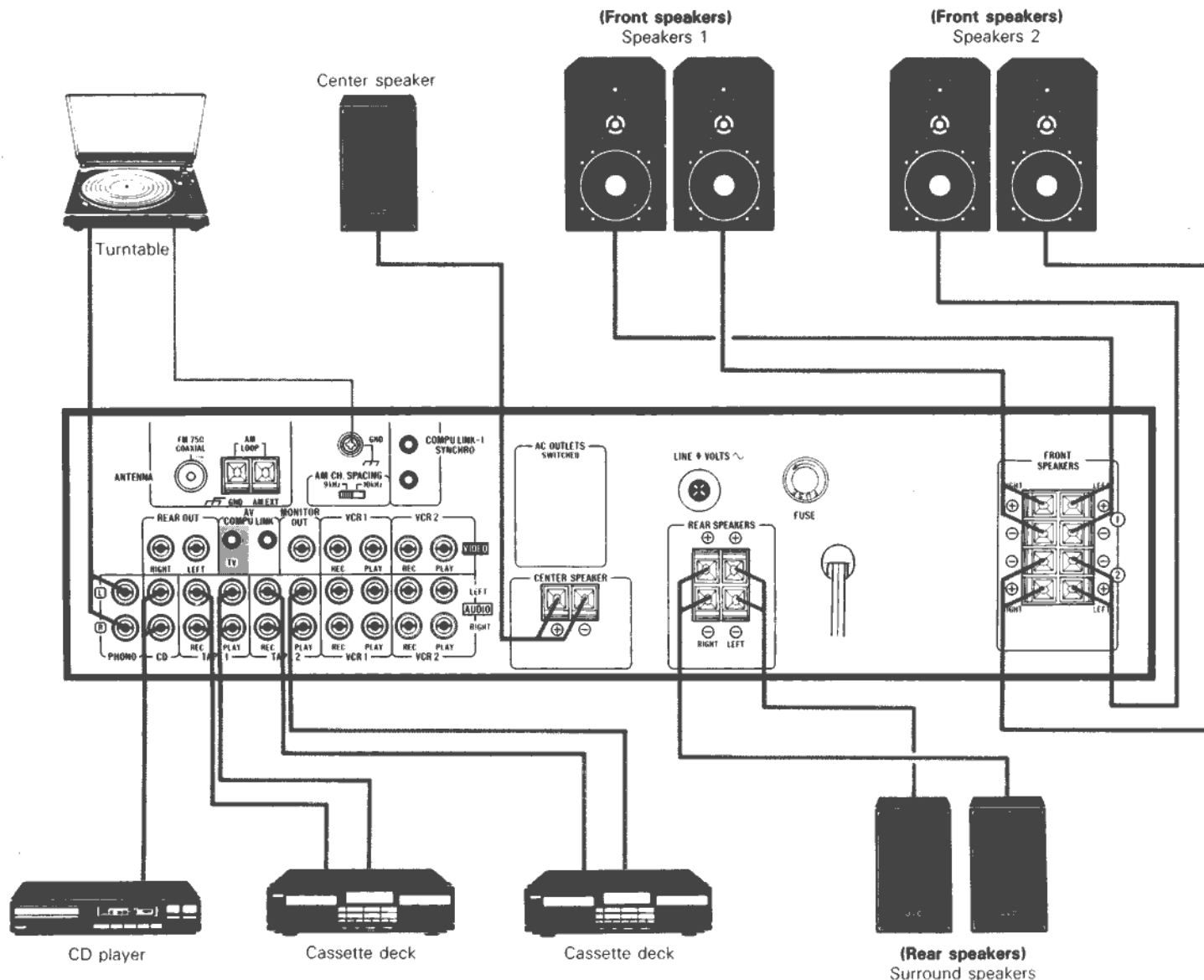
### Figure 9: Feeder antenna

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

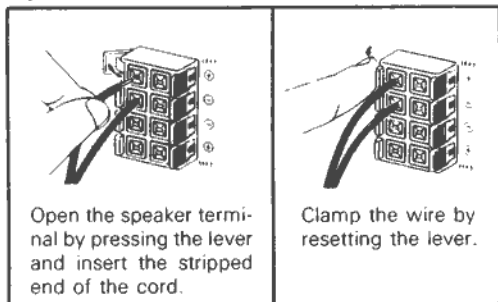
## Antenna Connections



# Audio Component Connections



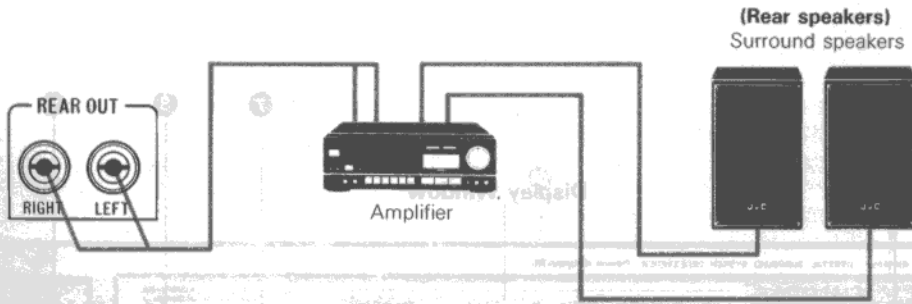
## Speaker Terminals



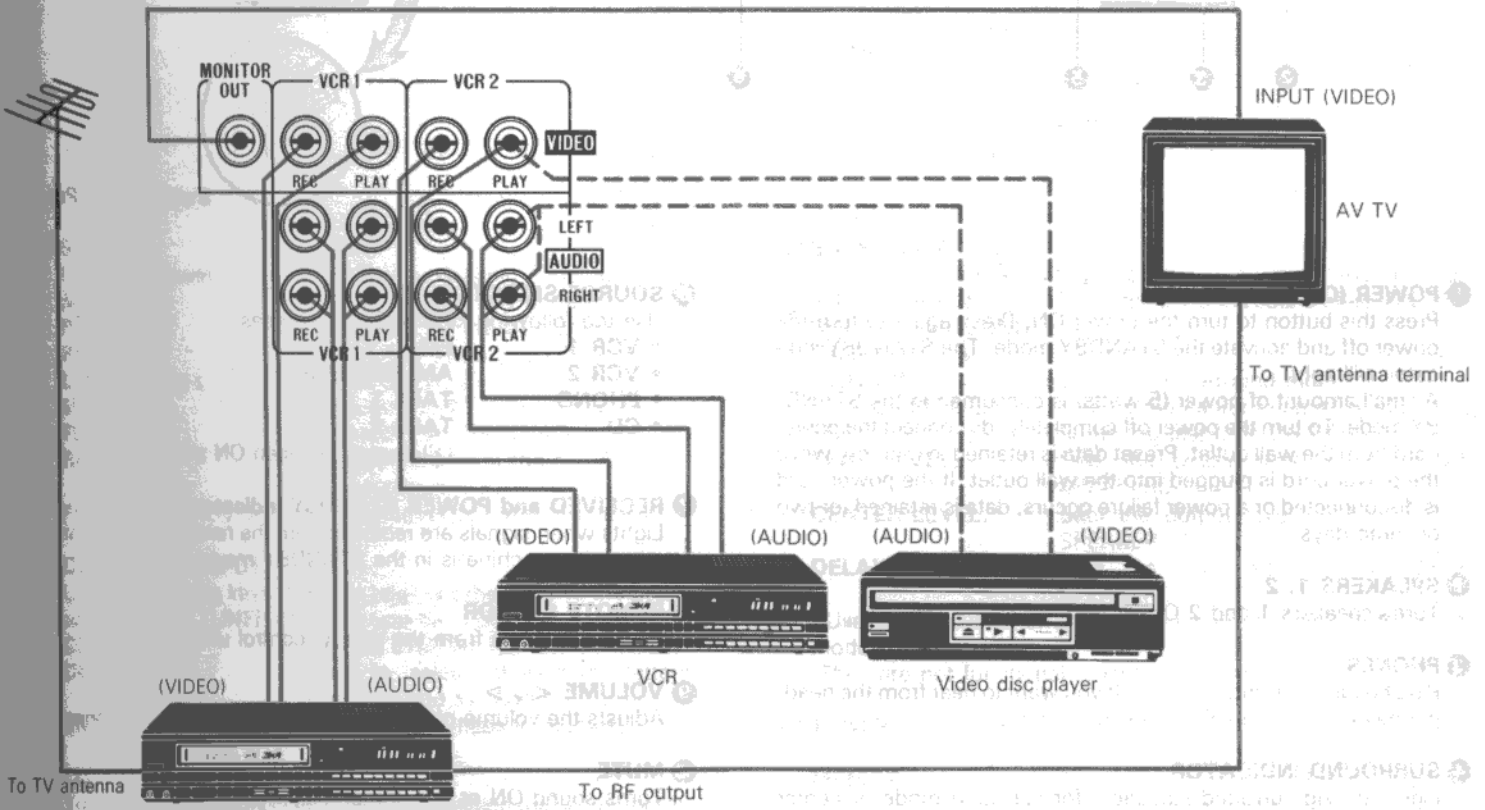
## Notes:

- 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.

• Increasing the Rear speakers' power output

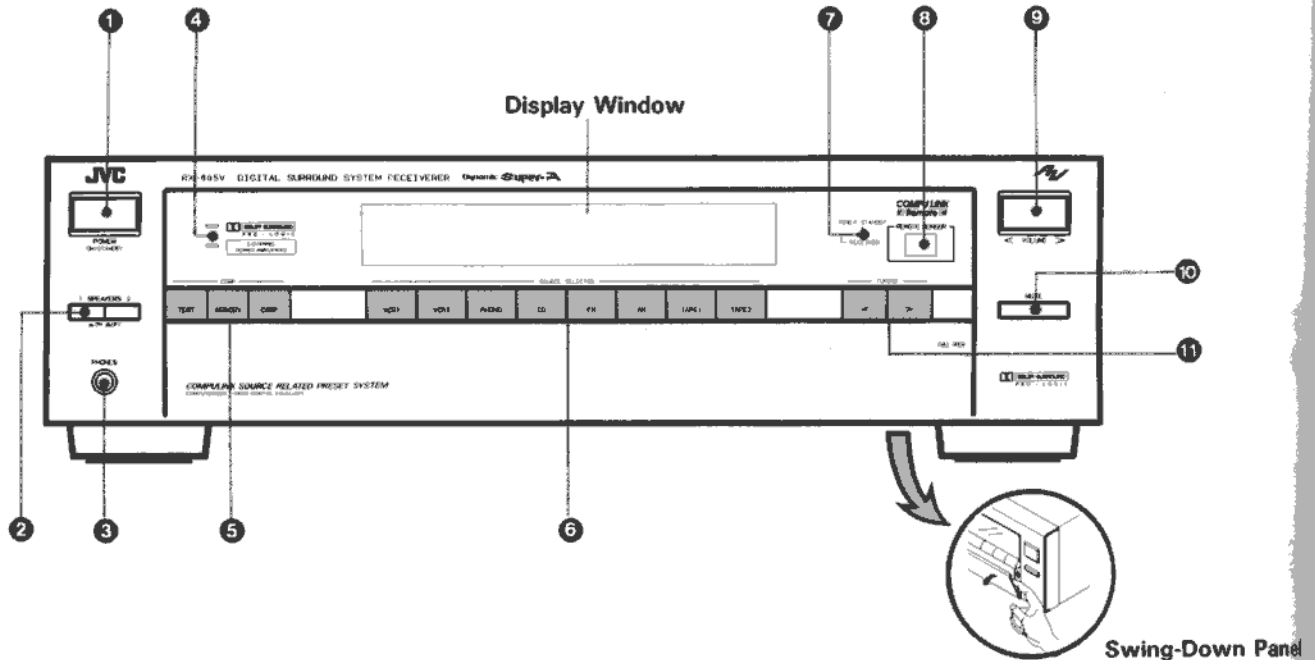


Video Component Connections



• Since mutual interference between video and audio components can cause noise and distorted pictures, you are recommended to use coaxial cable 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 or center channel mode, whichever is selected.

**DOLBY SURROUND** : When "DOLBY PRO·LOGIC SURROUND" is selected for surround mode

**STEREO POWER REVERSE** : When "NORMAL" or "WIDE" is selected for center channel 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:** Turn the CSRP feature ON or OFF.

### 6 SOURCE SELECTOR

Use the following keys to select sources:

- VCR 1
- VCR 2
- PHONO
- CD
- FM
- AM (MW/LW)
- TAPE 1
- TAPE 2

(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

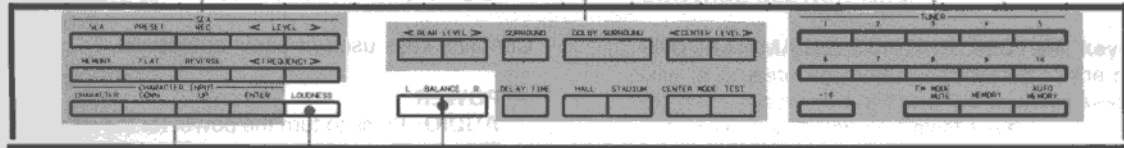
### 10 MUTE

Turns sound ON or OFF temporarily.

To release it, press the MUTE key again, or press the VOLUME or BALANCE key.

### 11 TUNING < , >

Tunes in an AM or FM frequency.



Controls behind swing-down panel.

**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.

**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.
- DOLBY SURROUND**
- HALL**
- STADIUM:** 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 mode. They are not functional in HALL or STADIUM mode.

**17 TUNER**

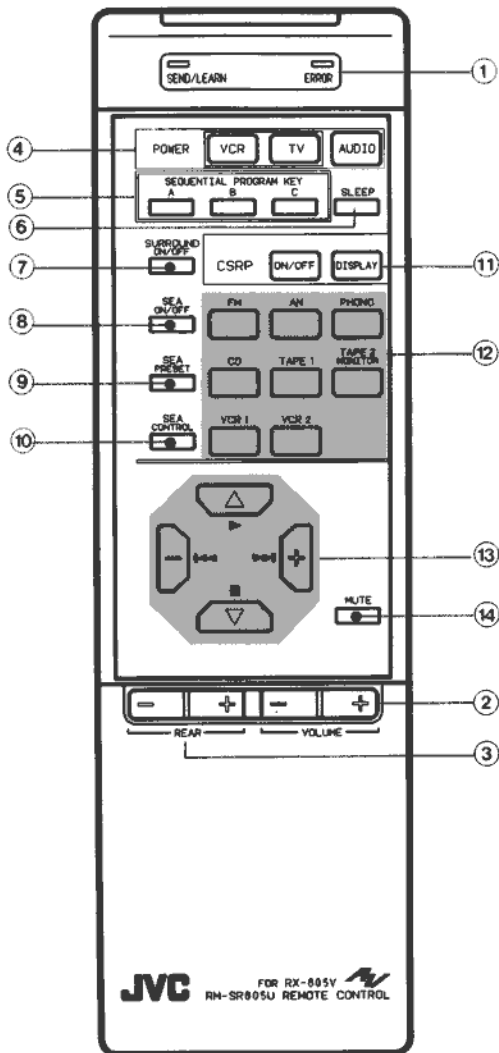
Use the following keys to AM or FM broadcasts:

- 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.

- It is programmable, with the ability to learn the functions of most other remote controls for audio and video components, regardless of make.
- It's sequential programming facility lets you assign a sequence of actions to a single key and up to three sequences can be programmed.
- The remote control unit also has two control panels: the external panel has keys for basic operation and easy-to-use multifunction cursor keys, while the internal contains keys for programming.



### ① SEND/LEARN indicator ERROR indicator

The remote control unit operation statuses are indicated.

### ② VOLUME (-, +)

Press to adjust the output sound level.

### ③ REAR (-, +)

Press to adjust the output level of the rear speakers.

## ■ Controls on the External Panel

Contains keys used in basic operations.

### ④ POWER

**AUDIO:** Press to turn the power for the receiver ON or STANDBY.

**TV:** 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.

### ⑤ SEQUENTIAL PROGRAM KEY (A, B, C)

The remote control unit functions can be stored in the desired order for up to 16 individual operations.

### ⑥ SLEEP

Use this control when you want to set the Sleep Timer.

### ⑦ SURROUND ON/OFF

Turns the surround sound effect ON or OFF.

### ⑧ SEA ON/OFF

Turns the S.E.A. feature ON or OFF.

### ⑨ SEA PRESET

Calls an S.E.A. preset pattern.

### ⑩ SEA CONTROL

Puts the Multi Function Cursor Keys in the S.E.A. mode.

### ⑪ CSRP

**ON/OFF:** Turns CSRP ON or OFF.

**DISPLAY:** Use to display the CSRP settings.

### ⑫ Source Select keys

Press to change the source selected for input to the receiver. Different functions are assigned to the Multi Function Cursor Keys depending on the source.

### ⑬ Multi Function Cursor keys

Use for basic operations of the source equipment selected with the Source Select keys, and operation of the S.E.A.

### ⑭ MUTE

Press to turn the output sound ON or OFF.



## ■ Controls on the internal Panel

Extra keys on the panel are for the various operations that cannot be done using only the keys on the external panel.

### ① LEARN, CANCEL

Use to set the operation mode to LEARN or CANCEL.

### ② Function Select keys

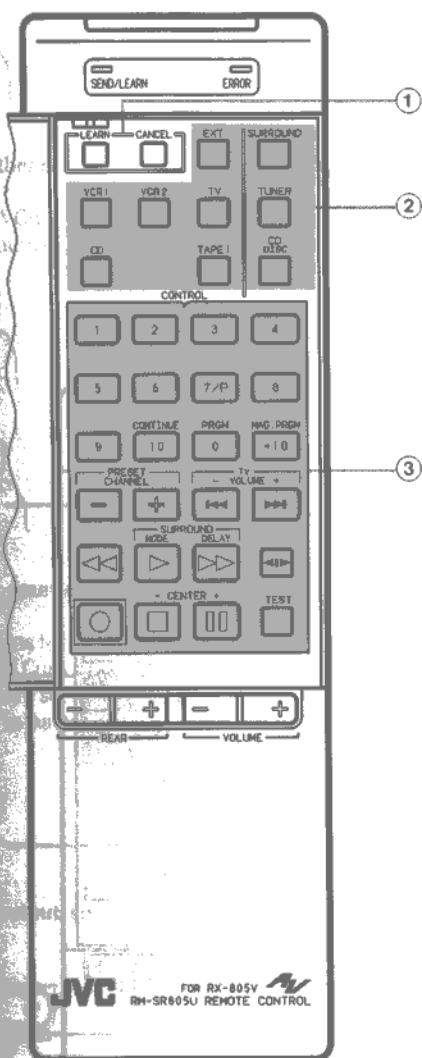
Press to select the function mode of the PROGRAMMABLE CONTROL SECTION keys.

### ③ PROGRAMMABLE CONTROL SECTION keys

Use to operate equipment connected to the receiver.

Different functions are assigned to these keys by the Function Select keys and Source Select keys.

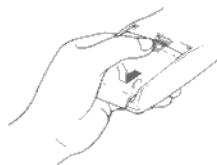
Other remote control signals can be registered to these keys.



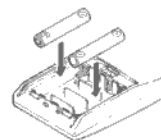
## ■ Inserting Batteries

Use long-life dry cells, type "AAA/AM-4/LR03" (1.5 V) × 2.

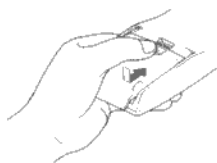
1. Remove the rear cover of the remote control unit by pressing down gently while sliding it out.



2. Insert the batteries, making sure that their position matches that of the diagram inside the remote.



3. Replace the rear cover.



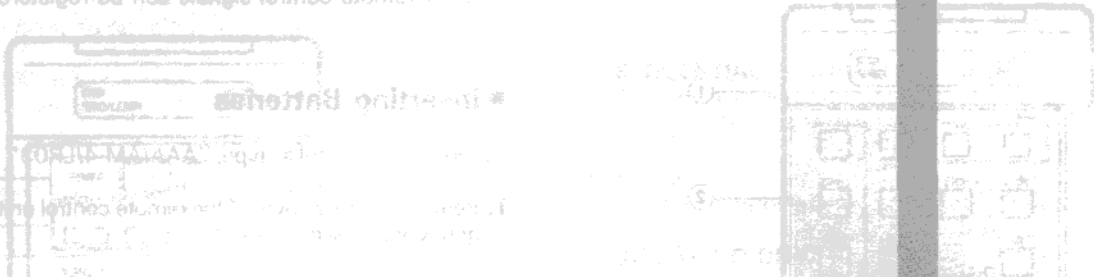
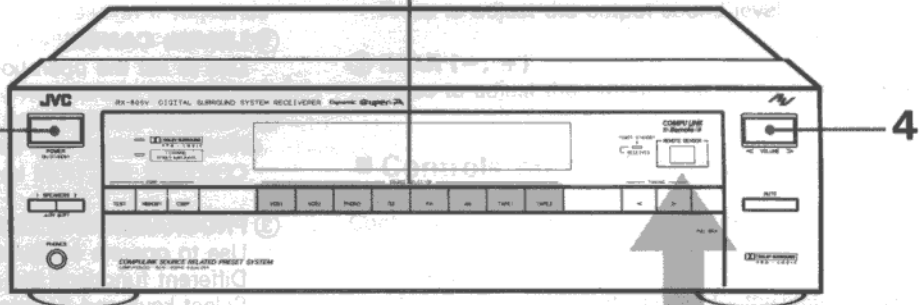
### Battery Replacement

- If the range of the remote seems shortened, the batteries may be old. Try replacing the old batteries.
- Do not use a new battery with an old battery.
- Do not allow more than 3 minutes for battery replacement to preserve stored data.
- Use batteries of the same brand. Batteries can vary in voltage even though they look alike.
- If you are not planning to use the remote control for an extended period of time, remove the batteries.

### CAUTION:

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

# Basic Operation

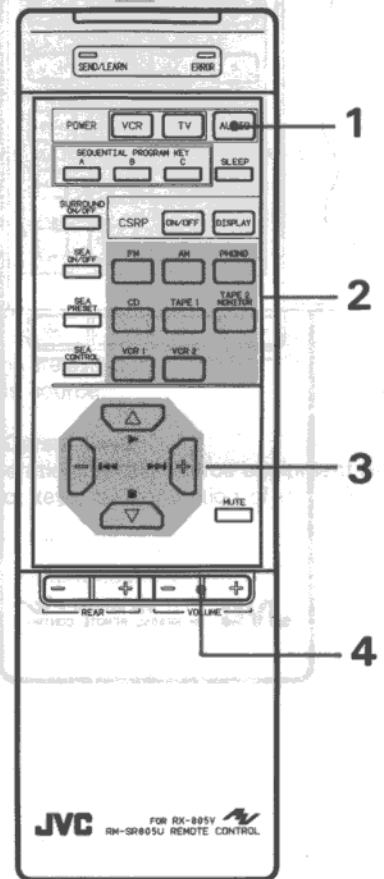


## Before Operating:

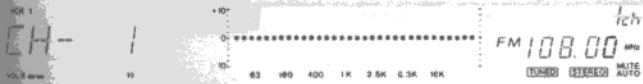
- Before plugging the power cord into an AC outlet, check to be sure the individual components are connected correctly.
- Point the Remote Control Unit at the REMOTE SENSOR on the target component.
- The range of the remote control is about 23 feet (7 m). Make sure there are no obstacles between your remote and your equipment that may block the signal.
- Use the keys on the external panel of the remote control unit, only when it is firmly closed. You can not operate the keys on the external panel, when it is open.

## Notes:

- When operating the component connected by COMPU LINK SYNCHRO-1 remote cable, or operating the TV connected by AV COMPU LINK cable, point the remote at your receiver.
- If a malfunction occurs when the power is ON, unplug the power cord and then plug it in again.

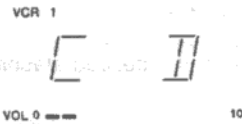


1. Press the POWER key to turn the receiver on.



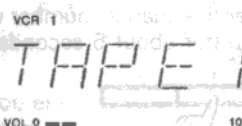
The display window lights up.

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



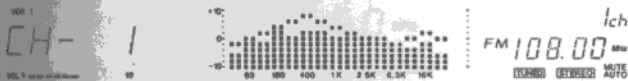
To listen to another audio source while watching VCR 1 or VCR 2:

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



3. Operate the source components.

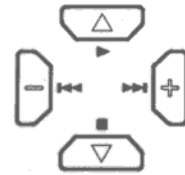
- Basic operations for the tuner and source equipment can be done using the Multi Cursor keys. See "Multi Cursor keys" on the right. The Dot Display section in the Display Window shows the input signal levels in each separate audio frequency bands.



4. Adjust the output sound level using the VOLUME keys.



### Multi Cursor keys



Depending on the source, different functions are assigned to the Multi Cursor keys. You must press the Source Select keys first before use the Multi Cursor keys.

#### FM, AM mode

- △ : Scans to higher preset channel.
- ▽ : Scans to lower preset channel.

#### PHONO mode

- ▶ : Starts play.
- : Stops play.

#### CD mode

- ▶ : Starts play.
- ◀◀ : Skips to the beginning of the previous track.
- ▶▶ : Skips to the beginning of the next track.
- : Stops play.

#### TAPE 1 mode

- ▶ : Starts playback.
- ◀◀ : Fast winds the tape from right to left.
- ▶▶ : Fast winds the tape from left to right.
- : Stops play.

#### VCR 1, VCR 2 mode

- ▶ : Starts playback.
- ◀◀ : Rewinds video tape.
- ▶▶ : Fast-forwards video tape.
- : Stops play.

### 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 on the remote control unit to set the timer setting mode.



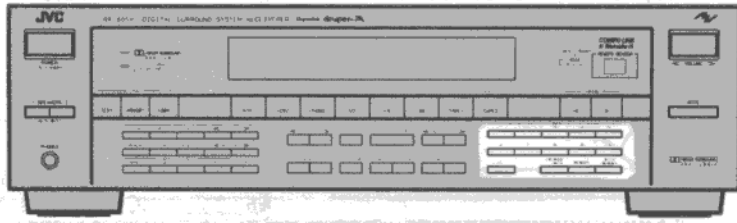
2. Each time the SLEEP key pressed subsequently, the timer can be set up to 80 minutes, in 10 minutes multiples.

continuously lit.



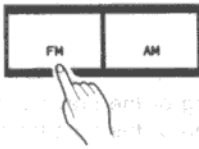
3. After the minute display turns off, press the SLEEP key once more to display the remaining time in minutes.

# Listening to AM or FM Broadcasts

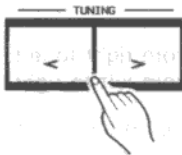


## ■ Tuning in a Station

1. Press the AM (MW/LW) or FM key.



2. Use the TUNING keys to find a station.

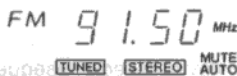


- While tuning in an FM station, press the FM MODE/MUTE key to light the MUTE/AUTO indicator, this cuts out inter station noise while tuning.



Hold the TUNING key down to change the frequency faster, then tap the key to set the frequency precisely. When tuning reaches the upper limit of the LW frequencies, it automatically skips to the lower limit of the MW frequencies. The opposite may also occur.

Auto-tuning starts when the TUNING keys are released and stops when a station is tuned. To halt auto-tuning, press a TUNING key. A three-digit number is used to display an FM frequency for equipment exported to Canada.



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.

If 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).

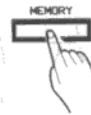
## ■ Presetting Stations

You can preset a total of 40 AM (MW/LW) and FM station (CH 1 through CH 40).

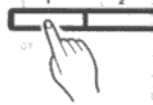
1. Tune in the desired station with the TUNING keys



2. Press the MEMORY key to light its indicator.

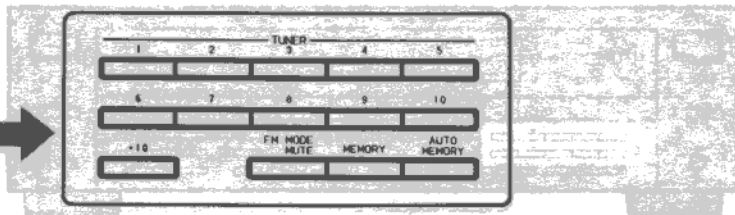


3. Enter the channel number with numeric keys while the indicator is on (for about 5 seconds).



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

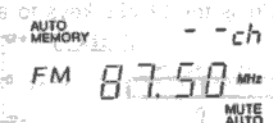
4. Repeat this procedure to preset other channels.



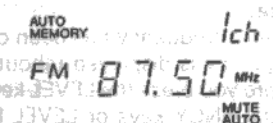
### Auto Memory

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

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

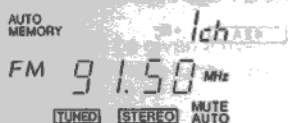


Enter the starting channel number with the numeric keys while the indicator is on (about 5 seconds).



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

- 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).



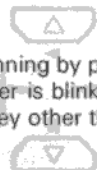
- The presetting is complete when the MEMORY indicator is lit.



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

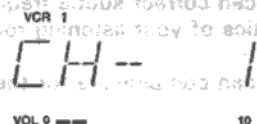
**Note:**

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.



### Selecting preset channels

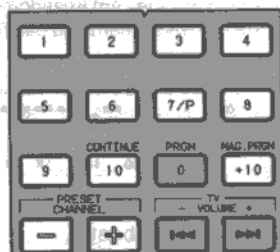
- Press numeric keys to select a preset channel.



- 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 "+ 10", then "7".
  - To indicate 20, press "+ 10", then "10".
  - To indicate 26, press "+ 10" twice, then "6".
  - To indicate 40, press "+ 10" three times, then "10".

You can designate the preset channel number using the remote control unit.

- Press the TUNER key of the Function Select keys on the internal panel.
- Use the following keys.



**1 ~ 10, + 10 :** Enters the preset channel number.

- PRESET CHANNEL**
- + : Scans to higher preset channels.
  - : Scans to lower preset channels.

# 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.**

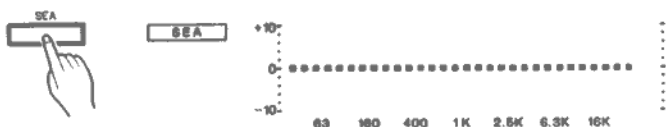
### Note:

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

## ■ Recalling a preset pattern

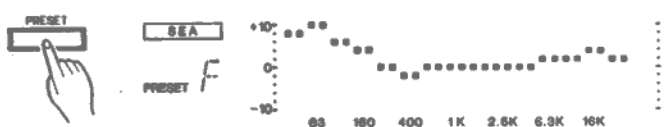
A total of 10 preset patterns can be used: 5 programmed preset patterns, and 5 manual patterns which you create (SEA-A through E).

1. Press the SEA key.



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.

2. Call a preset pattern with the PRESET keys.



**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 videodisc sound.

**J) VOCAL:** For music that is chiefly vocal, or speech.

### Order

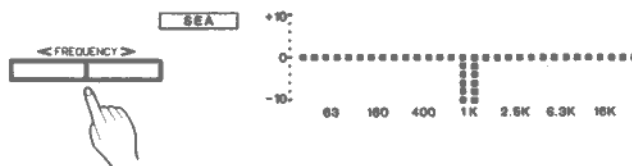
A ► B ► C ► D ► E ► F ► G ► H ► I ► J ► (back to the beginning)

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

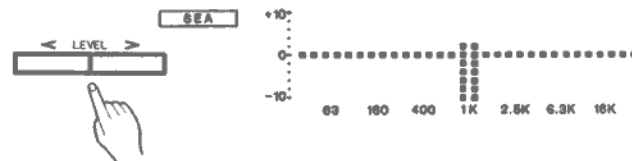
## ■ Creating an S.E.A. pattern

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.

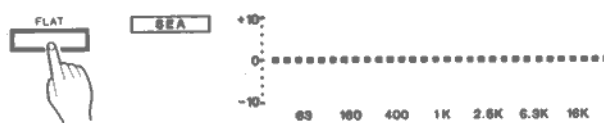


### Note:

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.

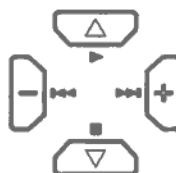
- To flatten the SEA characteristics.



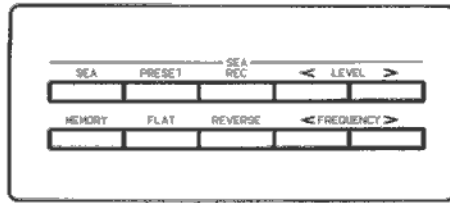
Pressing the FLAT key while a pattern is yet to be preset will clear it. Be careful not to press the FLAT key inadvertently.

- You can create an S.E.A. pattern using the remote control unit.

1. Press the SEA CONTROL key on the external panel.
2. Use the Multi Function Cursor keys.

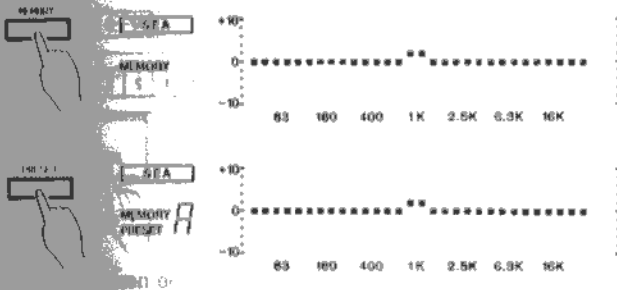


-, + : Calls a frequency band to correct.  
 Δ, ∇ : Sets an S.E.A. level.



## ■ Presetting Manual Patterns

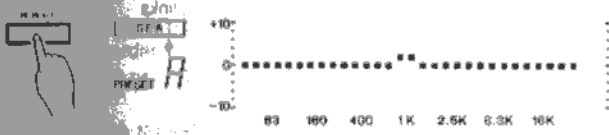
1. Create an S.E.A. pattern to preset as instructed in "Creating an S.E.A. pattern".
2. Press the MEMORY key to light its indicator. Call one of the patterns to store (SEA through E) by pressing the PRESET keys while the indicator is on (about 5 seconds).



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.

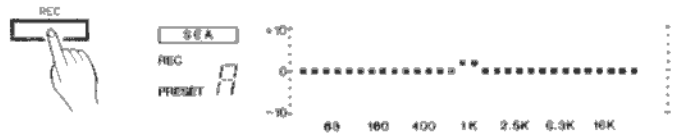


The preset SEA patterns can each be given a five-character title. See the section "Entering Characters" for further details.

## ■ 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 base 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.

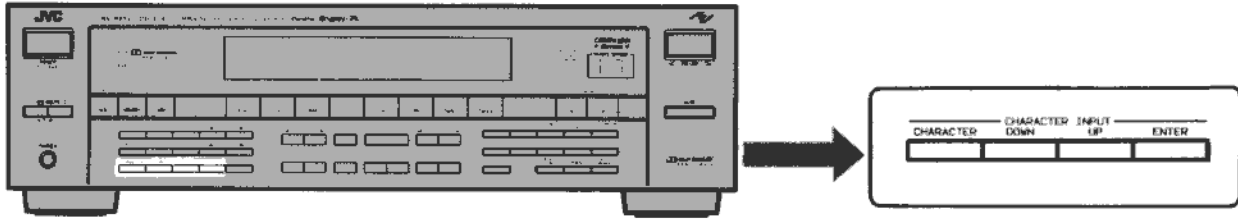
**1 kHz:** Most effective in emphasizing or de-emphasizing the human voice.

**2.5 kHz:** The human hearing is most sensitive to this frequency. If the music 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 cymbals and triangles resounding in a more ear-pleasing manner, and provides a feeling of extension.

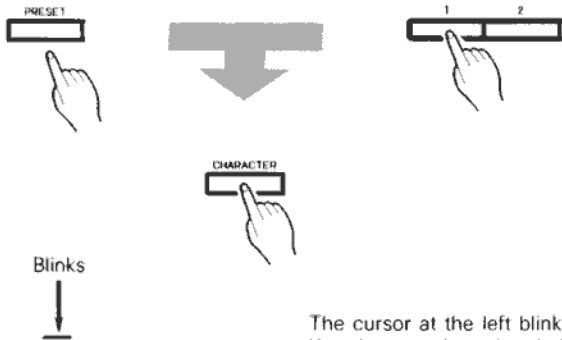
# Entering Characters



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.

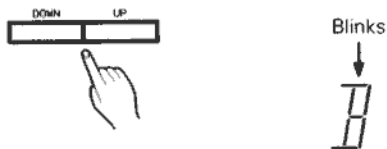
<To specify a S.E.A. pattern> Use the S.E.A. PRESET key.      <To specify a Tuner Preset Channel> Use the numeric keys.



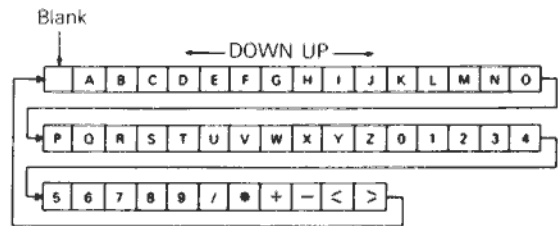
The cursor at the left blinks.  
If a character has already been entered, the character blinks.

**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.

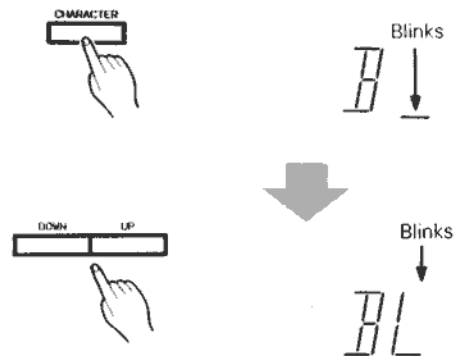
2. Select the appropriate characters with the UP and DOWN keys.



Alphanumeric character order.

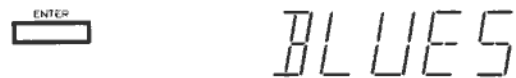


3. Press the CHARACTER key to move to the next position. Repeat steps 2 and 3.

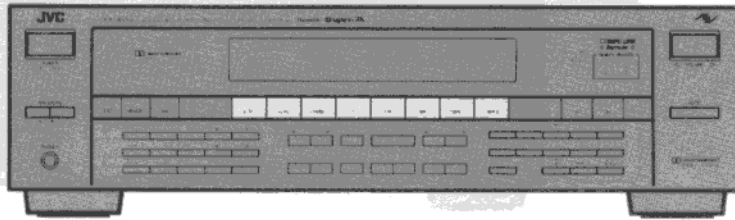


- To alter the characters, move the blinking cursor to the desired character for correction using the CHARACTER key.

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



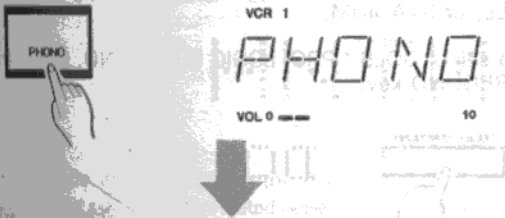




■ Recording

1. Press the SOURCE 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.

2. Press the TAPE 2 key.



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 key other than the tape deck.

<To record from TAPE 1 to TAPE 2>

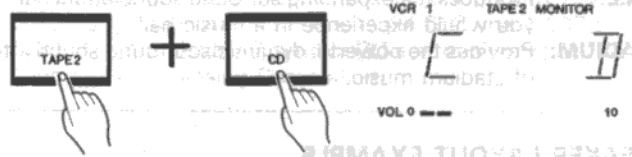
1. Press the TAPE 1 key.



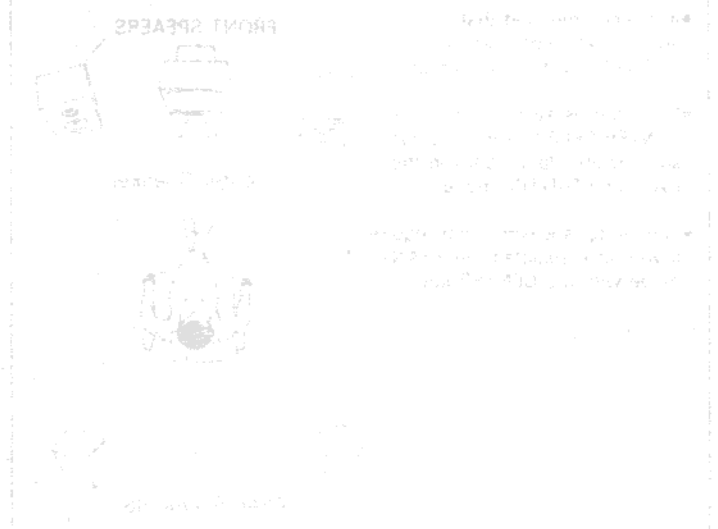
2. Play back the TAPE 1 deck and record with the TAPE 2 deck.

<To record from TAPE 2 to TAPE-1>

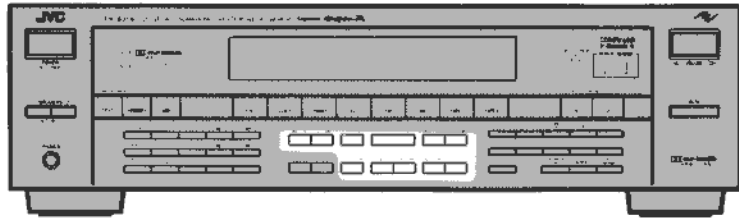
1. Press the TAPE 2 key and a SOURCE key other than TAPE 1.




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  mark includes the same encoded surround information as found in the Dolby Stereo films.

As the RX-805VTN 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.

You can enjoy listening to all Dolby Surround software previously available.

- Select **DOLBY PRO·LOGIC SURROUND** when you use video software with the  mark. For ordinary stereo sources use HALL or STADIUM.

**HALL:** Produces the expanding surround sound effect such as you would experience in a music hall.

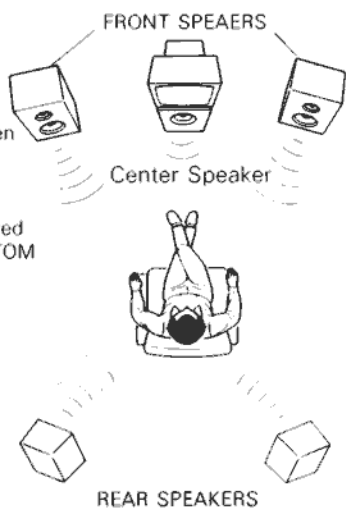
**STADIUM:** Provides the powerful dynamic surround sound effect of stadium music.

### SPEAKER LAYOUT EXAMPLE

• It is recommended that antimagnetic speakers be installed near the TV monitor.

• No output is available from the CENTER SPEAKER terminal when sources are played back in the HALL or STADIUM mode.

• The center speaker is not required if you have selected the PHANTOM mode with the CENTER key.

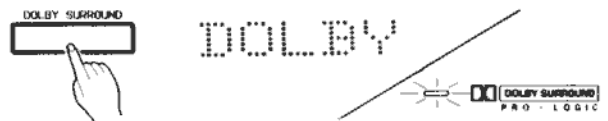


1. Set the SURROUND key to ON.



2. Select the Surround mode: DOLBY PRO·LOGIC SURROUND, HALL, or STADIUM.

- To select DOLBY PRO·LOGIC SURROUND, press the DOLBY SURROUND key.

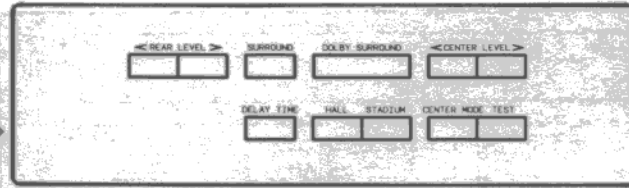


- To select HALL, press the HALL key.

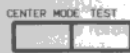


- To select STADIUM, press the STADIUM key.





3. Press the CENTER MODE key to select the center channel mode when DOLBY PRO LOGIC SURROUND 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.

**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.

**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 are trademarks of Dolby Laboratories Licensing Corporation.



## ■ Adjustment

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

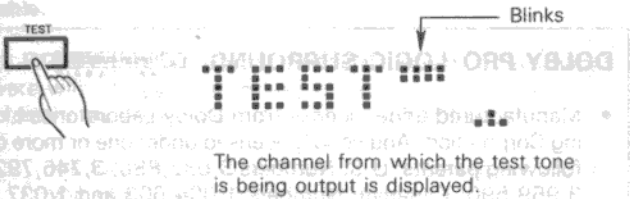
There are two items to be adjusted.

- Output Level balance
- Delay Time

### Adjusting the output level balance

1. Select the DOLBY PRO LOGIC SURROUND mode with DOLBY SURROUND key.

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



3. You can hear the test tone clockwise through left-center-right-sourround repeatedly.  
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  $\pm 20\text{dB}$ .

### Notes:

- Center level adjustment is not required if the PHANTOM mode has been selected.
- 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 .....

very far → set 1

about the same → set 2

very close → set 3

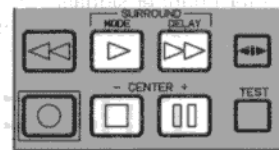
### Note:

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

- Adjustment will be made easier by using the remote control unit.

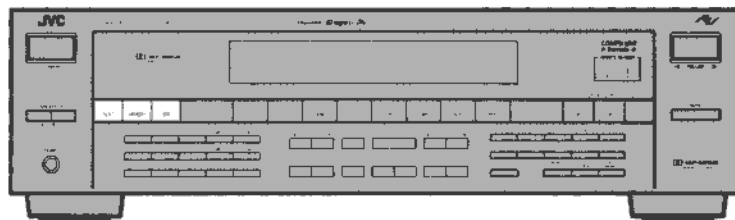
Press the SURROUND key of the Mode Select key on the internal panel.

2. Use the following keys.



- MODE** : Selects the Surround mode.
- DELAY** : Sets the Delay Time for the rear speaker sound.
- CENTER - , +** : Sets the output level of the center channel.

## Running the CSRP (Compu-link Source Related Preset system) Feature

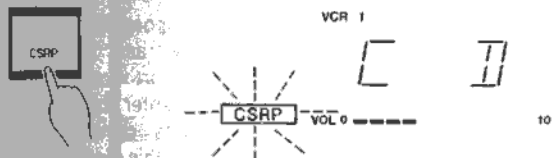


CSRP is the state-of-the-art electronic feature that presets volume, balance, and other control settings. This was previously done manually each time a different source was played back. This feature lets you invoke preset control settings by simply pressing a SOURCE key or calling up a TUNER preset channel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

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

- |   |  |
|---|--|
| <ul style="list-style-type: none"> <li>• VOLUME</li> <li>• BALANCE</li> <li>• LOUDNESS</li> <li>• S.E.A.</li> </ul> | <ul style="list-style-type: none"> <li>• SURROUND</li> </ul>   |
| <ul style="list-style-type: none"> <li>ON/OFF</li> <li>Preset Pattern</li> </ul>                                    | <ul style="list-style-type: none"> <li>ON/OFF</li> <li>Surround Mode</li> <li>Center Channel Mode</li> <li>Rear Level</li> <li>Center Level</li> <li>Delay Time</li> </ul> |

When the CSRP key is turned ON the display will show the data settings on the currently selected SOURCE 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.

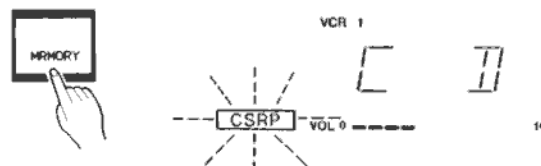
### To confirm the settings presetted in the current source

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



### Presetting Procedure

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



2. Press either the SOURCE SELECT 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.

→ VCR1 ► VCR2 ► PHONO ► CD ► FM ► AM ► TAPE1

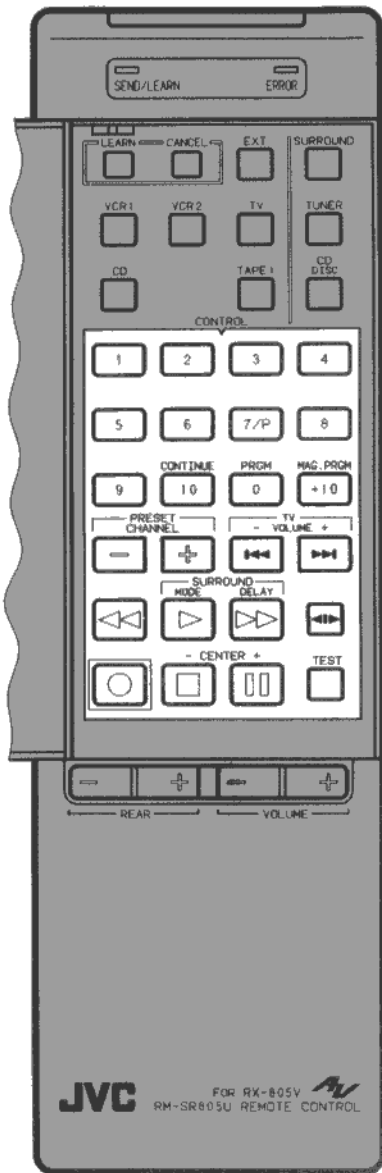
For FM and AM, the last selected preset channel is recalled.

### 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.

# Operating the Source Equipment



By using the keys on the internal panel, you can operate the source equipment.

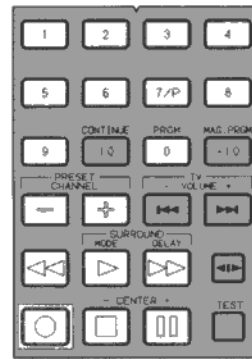
- When using a JVC product
  - Use as is.
- When using a non-JVC product
  - Use after registering the remote control signals for the corresponding source equipment.

**Note:**

Pressing the Function Select keys will change the function mode. Press the PROGRAMMABLE CONTROL SECTION keys on the internal panel and the Multi Function Cursor keys on the external panel at the same time.

**VCR 1, VCR 2**

1. Press the VCR 1 or VCR 2 key of the Function Select keys.
2. Use the PROGRAMMABLE CONTROL SECTION keys.

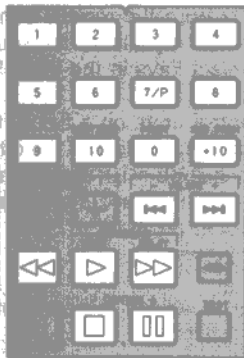


- 1~9, 0** : Select the VCR channel directly.
  - : Scans to lower VCR channels.
  - + : Scans to higher VCR channels.
  - ▷ : Starts play back a video tape.
  - ◻ : Stops VCR operation.
  - ◻◻ : Stops recording/playback temporarily and enters pause/still mode. To release it press "▷".
  - : Press together with "▷" to start recording. Press together with "◻◻" to enter the record-standby mode. (Even when a remote controller signals programmed in "▷" or "◻◻", this recording feature remains effective.)
  - ◁◁ : Rewinds video tape.
  - ▷▷ : Fast-forwards video tape.

- Some JVC VCRs provide two types of remote control signals (A mode selectable). With these VCRs, "A" mode corresponds to the VCR1 mode, and "B" mode corresponds to the VCR2 mode on this remote control unit. If the VCR is connected with the AV COMPU LINK terminal, set the remote control code switch of the VCR to the "A" mode. For details, refer to the Instruction Book of the VCR.

## CD

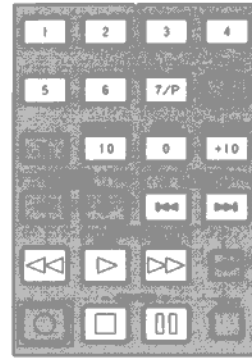
1. Press the **CD** key of the Function Select keys.
2. Use the **PROGRAMMABLE CONTROL SECTION** keys.



- 1~10, +10, 0 : Select the track number.
- ▶ : Starts play.
- ◻ : Stops operation.
- ◻◻ : Stops play temporarily. To release it, press "▶".
- ◀◀ : Moves backward quickly during play.
- ▶▶ : Moves forward quickly during play.
- ◀◀◀ : Skips to the beginning of the previous track.
- ▶▶▶ : Skips to the beginning of the next track.

## CD Auto-changer

1. Press the **CD DISC** key of the Function Select keys.
2. Use the **PROGRAMMABLE CONTROL SECTION** keys.

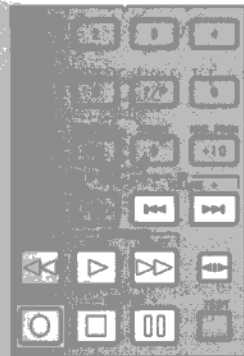


- 1~6, 7/P : Selects the disc number.
- CONTINUE : Use for continuous play.
- PRGM : Use for program play.
- MAG.PRGM : Use for magazine program play.
- ▶ : Starts play.
- ◻ : Stops operation.
- ◻◻ : Stops play temporarily. To release press "▶".
- ◀◀ : Moves backward quickly during play.
- ▶▶ : Moves forward quickly during play.
- ◀◀◀ : Skips to the beginning of the previous track.
- ▶▶▶ : Skips to the beginning of the next track.

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

## Cassette Deck (TAPE 1)

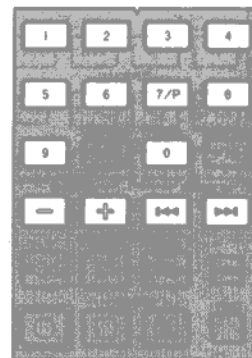
1. Press the **TAPE 1** key of the Function Select keys.
2. Use the **PROGRAMMABLE CONTROL SECTION** keys.



- ◀▶ : Change the tape running direction.
- ▶ : Starts playback.
- ◻ : Stops operation.
- ◻◻ : Stops recording/playback temporarily. To release press "▶".
- ◀◀ : Fast winds the tape from right to left.
- ▶▶ : Fast winds the tape from left to right.
- ◀◀◀ : Skips to the beginning of the previous tune.
- ▶▶▶ : Skips to the beginning of the next tune.
- ◻◻◻ : Press together with "▶" to start recording.
- ◻◻◻◻ : Press together with "◻◻◻" to enter record-pause mode.
- (Even when a remote controller signals is programmed in "▶" or "◻◻◻", this recording feature remains effective.)

## TV

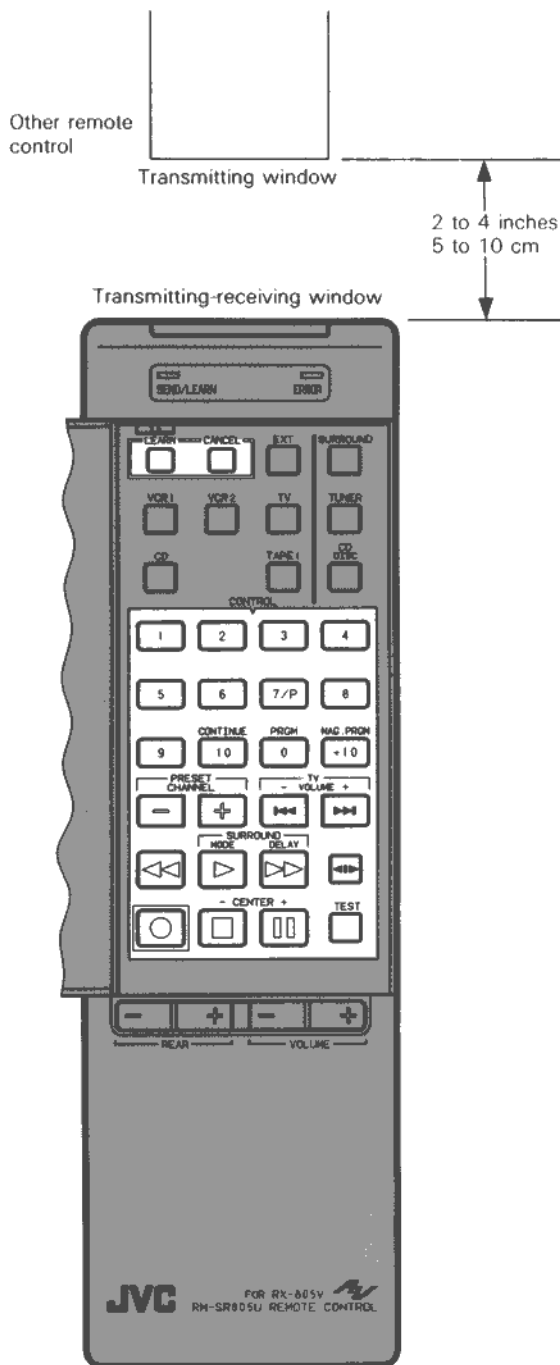
1. Press the **TV** key of the Function Select keys.
2. Use the **PROGRAMMABLE CONTROL SECTION** keys.



- 1~9, 0 : Selects the TV channel.
- : Scans to lower TV channels.
- + : Scans to higher TV channels.
- TV VOLUME : Adjust the sound volume of TV.
- , + : Adjust the sound volume of TV.

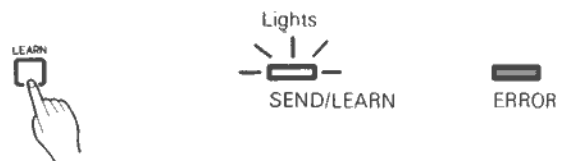
- TV key also change the input mode of the TV between TV and VIDEO.

## ■ Storing the Signals of Another Remote Control Unit



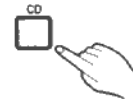
- Signals of other remote controls can be stored with the PROGRAMMABLE CONTROL SECTION keys and POWER (TV or VCR) key. You can control the JVC audio, video, and other remote controlable equipment directly from the remote control unit.
- You can program different signals for the source units selected with the Equipment Select keys in the PROGRAMMABLE CONTROL SECTION keys.
- Place both remote control units on a flat surface. Be sure that the transmitter window of the other remote control unit is about 2~4 inches (5~10 cm) from the transmitting-receiving window. If the units are too close or too far apart, signals may not be stored properly.

1. Press the LEARN key to set this remote control unit to LEARN mode.



Be sure not to press the LEARN key strongly with a pointed article such as a ballpoint pen, otherwise the VCR may be damaged.

2. Select the function mode required to be programmed with one of the Function Select keys.



3. Press the desired key for memorizing.

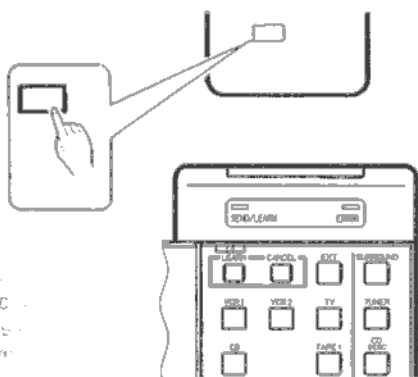


Continue pressing the key until the SEND/LEARN indicator begins to blink.

- If the ERROR indicator lights when the SEND/LEARN indicator is blinking, the key you pressed already has a function stored in it. If you continue with the storing procedure, the previously stored information will be cleared and the new information will be stored instead. If you want to keep the previously stored information, select another learning key and press it.



4. While the SEND/LEARN indicator is still blinking, press continuously the key you want to learn on the other remote control unit.
- If the SEND/LEARN indicator stops blinking before you press the key on the other remote control unit, begin again from step 3.



OFF OFF  
SEND/LEARN ERROR (Reading)

Lights Lights  
↓ (Processing)

Lights OFF  
↓ (Processing normally)

- If the ERROR indicator lights, learning operation has not been performed correctly. Repeat the programming procedure again.
- If the ERROR indicator blinks, it means that further programming is inhibited. If you want to program a new signal in a key, cancel the signal preprogrammed in that key before retrying the programming operation.

OFF OFF  
↓ (Completed)

#### IMPORTANT

- This unit can learn almost any remote control signal if the other unit is an infra-red type remote control unit. However, it may not be able to learn special signals or very long signals. (If you repeat the learning procedure several times and the unit still does not operate properly, it may be due to this kind of problem.)
- Some remote control transmit a number of instructions simultaneously (when programming the timer of a TV/VCR, for example); in such a case, the unit may not operate correctly.
- When you use the Recording function, be sure you do not accidentally erase something already recorded on the tape.
- Even when the programming operation has been performed without any problem, the key may not operate or subsequent operation may not be possible. This is because some components may not accept remote control signals which are slightly different from the original ones. If this happens, cancel the previously stored signals then perform the learning operation again. (To cancel the stored signal, refer to the section "How to cancel programmed signals")
- For operations which require pressing two keys together, you must store both functions in the same key by pressing both function keys together on the other remote control unit.
- When batteries in the other remote control unit are exhausted, signals may not be stored properly.

5. When programming is completed, the SEND/LEARN indicator goes off.
6. Press the LEARN key to reset the remote control unit to USE mode.

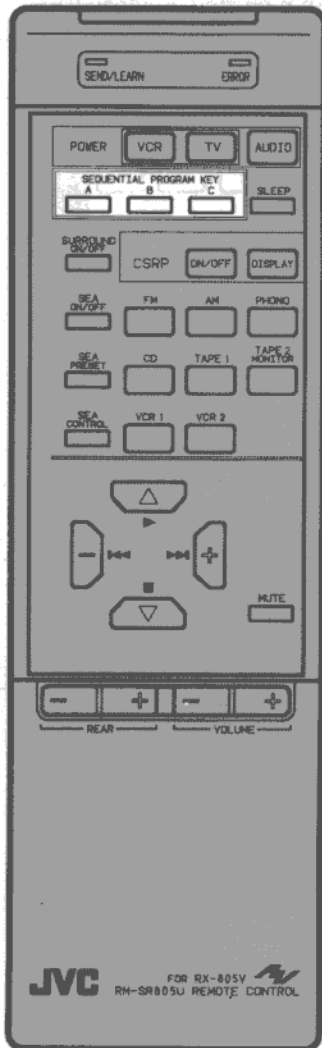


## ■ Simplifying storage operation

IMPORTANT

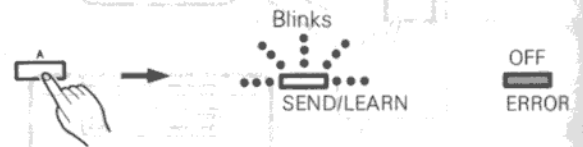
When you use the remote control unit, be sure to follow the following instructions.

- Press the SEND/LEARN key when you want to program a new signal.
- Press the selected SEQUENTIAL PROGRAM key (A, B, and C) for individual operations, preferably for frequently used operations. The simplified operation can be performed by pressing the SEQUENTIAL PROGRAM keys.
- If the ERROR indicator lights when the SEND/LEARN indicator is blinking, it means that an operation procedure already been programmed in that key. If you proceed, a new procedure appended to the procedure programmed in the key. To program a new procedure in the key, cancel the preprogrammed procedure first. Refer to the section "How to cancel programmed signals."
- If only the ERROR indicator lights, incorrect operation assumed.



Functions of this remote control unit (preset or newly programmed) can be stored in the desired order with the SEQUENTIAL PROGRAM KEY (A, B, and C) for individual operations, preferably for frequently used operations. The simplified operation can be performed by pressing the SEQUENTIAL PROGRAM keys.

1. Press the LEARN key.
2. Press the selected SEQUENTIAL PROGRAM key (A, B, C).



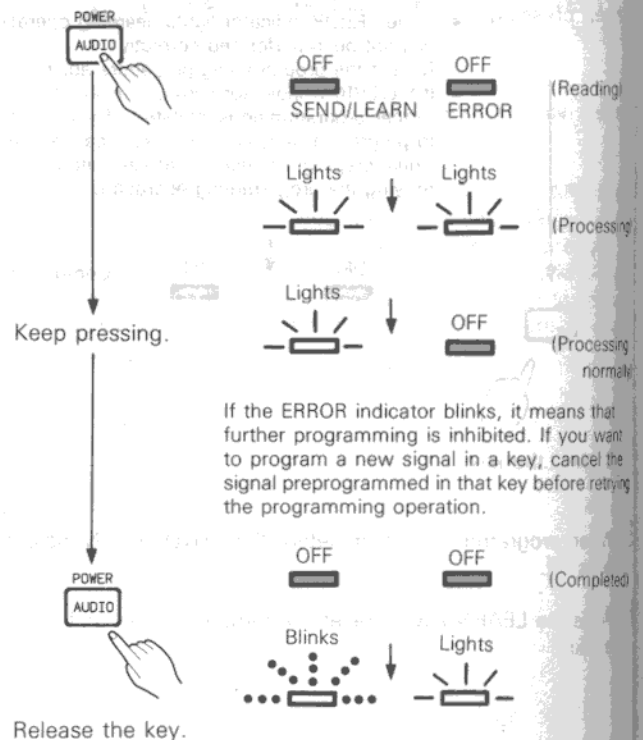
- If the ERROR indicator lights when the SEND/LEARN indicator is blinking, it means that an operation procedure already been programmed in that key. If you proceed, a new procedure appended to the procedure programmed in the key. To program a new procedure in the key, cancel the preprogrammed procedure first. Refer to the section "How to cancel programmed signals."
- If only the ERROR indicator lights, incorrect operation assumed.

3. Store operations one by one.

<For example: Program the operation for turning on the power to the receiver to play a CD>

- Press the POWER (AUDIO) key while the SEND/LEARN indicator is blinking.
- If the SEND/LEARN indicator stops blinking before you press the key, start again from step 2.

Press the key.



4. Press the CD key of the Source Select keys while the SEND/LEARN indicator is blinking.

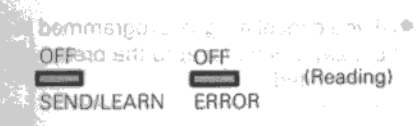
Press the key.



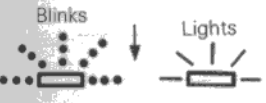
Keep pressing.



Release the key.



If the ERROR indicator blinks, it means that further programming is inhibited. If you want to program a new signal in a key, cancel the signal preprogrammed in that key before retrying the programming operation.



- The indicator lights or blinks each time operations are stored. Pay attention to the indicator for correct processing. Up to 16 steps can be stored for each combination of key and mode.

5. Press the [Play] key while the SEND/LEARN indicator is blinking.

6. Press the LEARN key again to set the remote control unit to USE mode.

**Notes:**

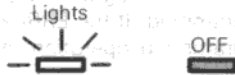
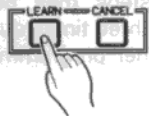
- Two keys cannot be pressed together, for example, REC + PLAY or REC + PAUSE.
- The SEQUENTIAL PROGRAM KEYS (A, B, and C) and the mode (1 and 2) allow you to program up to six operation procedures, each consisting of up to 16 steps. Depending on the type of signal to be programmed, not all these steps may not be programmed. If the ERROR indicator blinks three times during a programming operation, it means that further programming is inhibited.
- When programming a sequence of operations to control TV, do not bring an operation of selecting a channel or adjusting volume immediately after an operation of turning on power. Otherwise, the stored operations may not be reproduced as programmed. (This is because some TVs do not immediately become ready to be controlled when turned on.) Insert two or three operations not related to TV (e.g. operations to control VCR) between an operation of turning the TV power on and an operation of selecting a channel or any other operation to control TV.



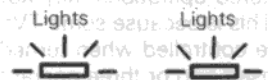
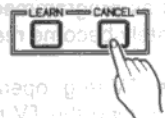
## ■ How to cancel programmed signals

Canceling all the signals stored for a mode of the PROGRAMMABLE CONTROL SECTION keys, or canceling the operation procedure stored with the SEQUENTIAL PROGRAM keys.

### 1. Press the LEARN key.

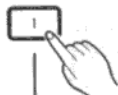


### 2. Press the CANCEL key.



Press the desired key for cancellation.

Press the key



The ERROR indicator lights when there is no signal to be canceled.

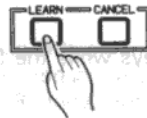


Canceling completed.

Release the key.

- When cancelling is completed, the remote controller exits from CANCEL mode, and enters the LEARN mode.

### 3. Press the LEARN key.



This resets the Remote Control unit to the USE mode.

- If you cancel a signal programmed in a key having a signal present, the key will be reset to the preset signal and further cancellation is inhibited.

#### Notes:

- NEVER REMOVE THE BATTERIES while a canceling operation is in progress. If normal operation is not possible even when, having removed the batteries by mistake, they have been reinstalled, remove the batteries and leave the RM-SR805U for about 10 hours. In this case, normal operation will be restored but all the stored data will be cancelled and will be have to perform programming operations again.

PROGRAMMABLE CONTROL SECTION

Other remote control signals for each equipment can be memorized with the PROGRAMMABLE CONTROL SECTION keys. (Use the Function Select keys for switching the functions.)  
 Complete the following columns with the memorized signals:

VCR 1

1	2	3	4									
5	6	7/P	8									
CONTINUE	PRGM	MAG. PRGM										
9	10	0	+10									
PRESET CHANNEL	TV VOLUME +											
-	+	RECALL	SKIP									
SURROUND MODE	DELAY											
←	→	←	→									
- CENTER +	TEST											
○	□	▭	▭									

CD

1	2	3	4									
5	6	7/P	8									
CONTINUE	PRGM	MAG. PRGM										
9	10	0	+10									
PRESET CHANNEL	TV VOLUME +											
-	+	RECALL	SKIP									
SURROUND MODE	DELAY											
←	→	←	→									
- CENTER +	TEST											
○	□	▭	▭									

VCR 2

1	2	3	4									
5	6	7/P	8									
CONTINUE	PRGM	MAG. PRGM										
9	10	0	+10									
PRESET CHANNEL	TV VOLUME +											
-	+	RECALL	SKIP									
SURROUND MODE	DELAY											
←	→	←	→									
- CENTER +	TEST											
○	□	▭	▭									

TAPE 1

1	2	3	4									
5	6	7/P	8									
CONTINUE	PRGM	MAG. PRGM										
9	10	0	+10									
PRESET CHANNEL	TV VOLUME +											
-	+	RECALL	SKIP									
SURROUND MODE	DELAY											
←	→	←	→									
- CENTER +	TEST											
○	□	▭	▭									

TV

1	2	3	4									
5	6	7/P	8									
CONTINUE	PRGM	MAG. PRGM										
9	10	0	+10									
PRESET CHANNEL	TV VOLUME +											
-	+	RECALL	SKIP									
SURROUND MODE	DELAY											
←	→	←	→									
- CENTER +	TEST											
○	□	▭	▭									

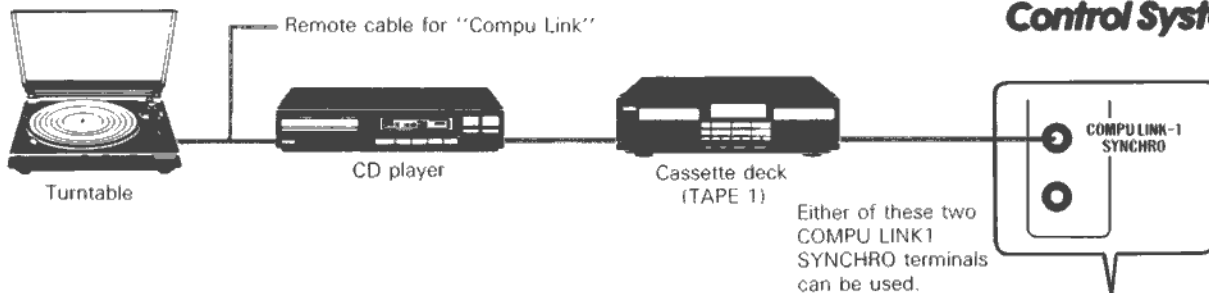
EXT

1	2	3	4									
5	6	7/P	8									
CONTINUE	PRGM	MAG. PRGM										
9	10	0	+10									
PRESET CHANNEL	TV VOLUME +											
-	+	RECALL	SKIP									
SURROUND MODE	DELAY											
←	→	←	→									
- CENTER +	TEST											
○	□	▭	▭									

# COMPU LINK Remote Control System

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

**COMPU LINK**  
**Remote Control System**



JVC's exclusive "COMPU LINK" remote control system connects equipment with JVC COMPU LINK-1/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-1 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. For further details, see the remote control unit description in this instructions.

### ■ Automatic source selection

Pressing SOURCE keys will automatically put the corresponding source equipment into the PLAY mode. When the PLAY key on source equipment is pressed, the corresponding SOURCE 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 synchronism with a CD player or turntable. Set the tape deck in the REC/PAUSE 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 REC/MUTE mode for about 4 seconds. For details, refer to the tape deck instructions.

- To set the REC/PAUSE 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.

### 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 that case, you must start all over again.
- During synchronized recording the SOURCE 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-1/SYNCHRO terminals, the name of the source and the operating mode will appear on the display.

Symbol	
Indication	
"REC/PAUSE" mode	REC
"REC/PLAY" mode	REC

Problem	Possible Cause	Solutions
<b>Receiver does not play; Indicators do not light up.</b>	Power cord not plugged in.	Plug Power cord into an AC outlet.
<b>No sound from the speakers.</b>	Speaker wires not connected properly.	Check speaker wiring. Reconnect if needed.
	SPEAKERS keys not set correctly.	Press the SPEAKERS keys in or out as desired.
<b>Sound from one speaker only.</b>	Speaker wires not connected properly.	Check speaker wiring. Reconnect if needed.
	Balance Control may be set to one extreme.	Adjust Balance Control so both speakers have sound.
<b>Continuous hiss or buzzing during FM reception.</b>	Incoming signal may be too weak.	Adjust antenna.
		Station may be too far away to receive.
	Incorrect antenna used.	Check with your dealer to make sure you are using the correct type of antenna.
	Antenna not connected properly.	Make sure all antennas are properly connected.
<b>Occasional cracking noise during FM reception.</b>	Ignition noise from automobiles.	Move the antenna further away from the road.
<b>Loud hum during record playing.</b>	Turntable not connected properly.	Check the turntable manual. Ground the turntable if required.
	Interference from other electrical appliances.	Try moving the power cord or plugging into a different outlet.
<b>Howling during record playing.</b>	Turntable too close to a speaker.	Move speakers away from the turntable.

# Specifications

## AMPLIFIER SECTION

Output power:  
(CD IN→SP.OUT)  
for Canada

Front channels : 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.

Center channel : 50 watts, min. RMS, into 8 ohms at 1 kHz, with no more than 0.7%\*\* total harmonic distortion

Rear channels : 20 watts per channel, min. RMS, into 8 ohms at 1 kHz, with no more than 0.7%\*\* total harmonic distortion.

for other areas

Front channels : 90 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.

Rear channels : 100 watts per channel, min. RMS, both channels driven into 8 ohms at 1 kHz (DIN).

Center channel : 40 watts, min. RMS, into 8 ohms at 1 kHz, with no more than 0.7%\*\* total harmonic distortion.

Rear channels : 15 watts per channel, min. RMS, into 8 ohms at 1 kHz, with no more than 0.7%\*\* total harmonic distortion.

Total harmonic distortion  
for Canada : 0.003 % at 100 watts (1 kHz, 8 ohms)

for other areas : 0.003 % at 90 watts (1 kHz, 8 ohms)

Intermodulation distortion  
for Canada : 0.007 % at 100 watts

for other areas : 0.007 % at 90 watts

Input sensitivity/impedance  
PHONO (MM) : 2.5mV/47k ohms  
CD, TAPE 1, TAPE 2, VCR 1, VCR 2 : 220 mV/47k ohms

Recording output level : 220mV

Frequency response  
PHONO (RIAA equalization) : 20 Hz — 20 kHz (± 0.5 dB)  
CD, TAPE 1, TAPE 2, VCR 1, VCR 2 : 5 Hz — 50 kHz (+0, -1 dB)

Signal-to-noise ratio  
PHONO : 71 dB ('66 IHF)  
78 dB ('78 IHF, REC OUT)  
66 dB (DIN)  
CD, TAPE 1, TAPE 2, VCR 1, VCR 2 : 100 dB ('66 IHF)  
85 dB ('78 IHF)  
67 dB (DIN)

S.E.A. graphic equalizer  
Center frequencies : 63 Hz, 160 Hz, 400 Hz, 1 kHz, 2.5 kHz, 6.3 kHz, 16 kHz

Control range : ± 10 dB

## FM TUNER SECTION

	IHF	DIN
Tuning range	: 87.5 MHz — 108.0 MHz	: 87.5 MHz — 108.0 MHz
Usable sensitivity	: Mono 10.8 dBf (0.95 $\mu$ V/75 ohms)	—
50 dB quieting sensitivity	: Mono 16.3 dBf (1.8 $\mu$ V/75 ohms)	—
Signal-to-noise ratio (at 85 dBf)	: Mono 80 dB Stereo 73 dB (IHF-A net)	: Mono 72 dB Stereo 64 dB
Total harmonic distortion (1 kHz)	: Mono 0.15% Stereo 0.2%	: Mono 0.1% Stereo 0.3%
Frequency response	: 30 Hz — 15 kHz, (+0.5 — 3 dB)	
Capture ratio (85 dBf)	: 1.5 dB	
Alternate channel selectivity	: 60 dB	: 55 dB
IF response ratio	: ± 400 kHz	
Stereo separation	: 85 dB (at 98 MHz)	
	: 40 dB (at 1 kHz)	



**AM TUNER SECTION**

**MW**

Tuning range

Area	Tuning range
Canada	530 kHz — 1710 kHz
Continental Europe, UK, Australia	522 kHz — 1629 kHz
Other Area	531 kHz — 1602 kHz/ 530 kHz — 1600 kHz

**Sensitivity**

- Loop antenna : 300  $\mu$ V/m\*
- External antenna : 30  $\mu$ V\*
- Signal-to-noise ratio : 50 dB\* (100mV/m)
- Selectivity : 38 dB,  $\pm$  10 kHz
- : 35 dB,  $\pm$  9 kHz
- Image response ratio : 40 dB\*
- IF response ratio : 60 dB
- Total harmonic distortion : 0.5%\* (100 mV/m)

**LW (RX-805VLTN)**

Tuning range : 144 kHz — 353 kHz

**Sensitivity**

- Loop antenna : 600  $\mu$ V/m at 245 kHz
- External antenna : 100  $\mu$ V at 245 kHz
- Signal-to-noise ratio : 50 dB at 245 kHz (100 mV/m)
- Selectivity : 32 dB  $\pm$  9 kHz at 245 kHz

**VIDEO SECTION**

Output signal level : 1 Vp-p (at 1 Vp-p input)

VCR 1

VCR 2

MONITOR OUT

Impedance : 75 ohms, unbalanced

Synchronization : Negative

Signal-to-noise ratio : 45 dB

Crosstalk : 45 dB (3.58 MHz)

**GENERAL**

Dimensions : 17-3/16" x 5-1/16" x 15-1/8"

(W x H x D) (435 x 128 x 383.5 mm)

Weight : 26.1 lbs. (11.8 kg)

\* Measured at 1,000 kHz or 999 kHz.

\*\* Measured by JVC Audio Analysis System.

*Design and specifications subject to change without notice.*

**POWER SPECIFICATIONS**

Area	Line Voltage & Frequency	Power Consumption
Canada	AC 120V ~, 60Hz	310 watts, 430VA
Continental Europe	AC 230V ~, 50 Hz	320 watts
U.K.	AC 240V ~, 50Hz	660 watts
Australia		
Other Area	AC 110/127/220/240V ~, selectable, 50/60 Hz	320 watts

**SPANNUNGSVERSORGUNG UND LEISTUNGS-AUFNAHME**

Länder	Netzspannung und Frequenz	Leistungsaufnahme
Kanada	120V ~, 60Hz	310 Watt, 430VA
Kontinental-Europa	230V ~, 50 Hz	320 Watt
Großbritannien	240V ~, 50Hz	660 Watt
Australien		
Andere Länder	Umschaltbar 110/127/220/240V ~, 50/60 Hz	320 Watt

**CARACTERISTIQUES D'ALIMENTATION**

Pays	Tension d'alimentation et fréquence	Consommation
Canada	CA 120V ~, 60Hz	310 watts, 430VA
Europe Continental	CA 230V ~, 50 Hz	320 watts
Royaume-Uni	CA 240V ~, 50Hz	660 watts
Australie		
Autres pays	CA 110/127/220/240V ~, commutable, 50/60 Hz	320 watts

**SPANNINGSVERREISTEN**

Gebieden	Netspanning en frekwentie	Stroomverbruik
Canada	Net 120V ~ wisselstroom, 60Hz	310 Watt, 430VA
Europese vasteland	Net 230V ~ wisselstroom, 50 Hz	320 Watt
Engeland	Net 240V ~ wisselstroom, 50Hz	660 Watt
Australië		
Andere Gebieden	Net 110/127/220/240V ~ instelbaar, 50/60 Hz	320 watt

**ESPECIFICACIONES DE ALIMENTACION**

Areas	Voltaje y frecuencia	Consumo
Canadá	CA 120V ~, 60Hz	310 vatios, 430VA
Europa Continental	CA 230V ~, 50 Hz	320 vatios
Reino Unido	CA 240V ~, 50Hz	660 vatios
Australia		
Otras paises	AC 110/127/220/240V ~, seleccionable, 50/60 Hz	320 vatios

**STRÖMFÖRSÖRJNING**

Områden	Nätspänning & frekvens	Effektförbrukning
Kanada	~120V, 60Hz	310 watt, 430VA
Kontinentaleuropa	~230V, 50 Hz	320 watt
Storbritannien	~240V, 50Hz	660 watt
Australien		
Övriga länder	~110/127/220/240V, (Omkopplingsbart), 50/60 Hz	320 watt

**JVC**

VICTOR COMPANY OF JAPAN, LIMITED

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