

# JVC



< DRAFT >

## AUDIO/VIDEO CONTROL RECEIVER

# RX-9000VBK

**K2**  
INTERFACE

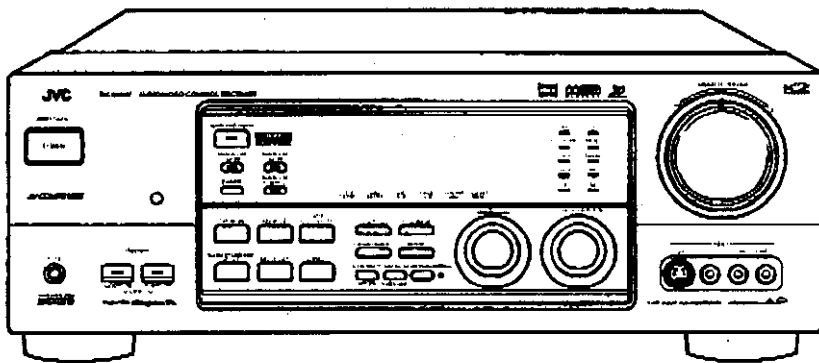
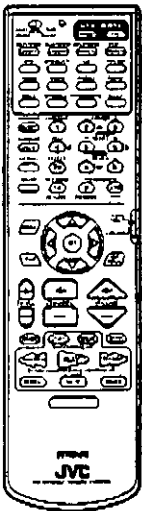
**DIGITAL AP**

Dynamic **Super-A**

**TEXT**  
COMPU LINK

**AV COMPU LINK**

**COMPU LINK**  
Remote



**3D**  
3D-PHONIC

DIGITAL  
**dts**  
SURROUND

**DOLBY**  
DIGITAL

## INSTRUCTIONS

**For Customer Use:**

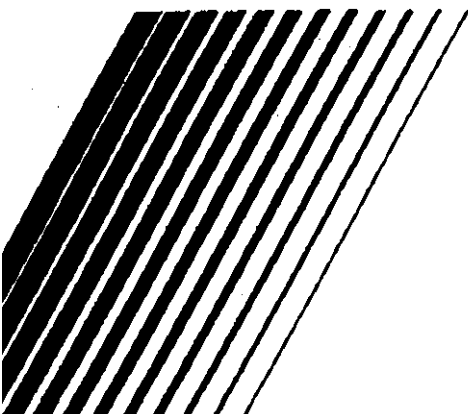
Enter below the Model No. and Serial No. which are located either on the rear, bottom or side of the cabinet. Retain this information for future reference.

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

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

LVT0428-001A

[J]



## Warnings, Cautions and Others

CAUTION

RISK OF ELECTRIC SHOCK  
DO NOT OPEN

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CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK,  
DO NOT REMOVE COVER (OR BACK)  
NO USER SERVICEABLE PARTS INSIDE.  
REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

**Caution — SPEAKER LOAD SELECTOR switch!**  
Match the position of SPEAKER LOAD SELECTOR switch on the back panel to the impedance of the speaker connected, to protect from overheating.



The lightning flash with arrowhead symbol, within an equilateral triangle is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

### CAUTION

To reduce the risk of electrical shocks, fire, etc.:

1. Do not remove screws, covers or cabinet.
2. Do not expose this appliance to rain or moisture.

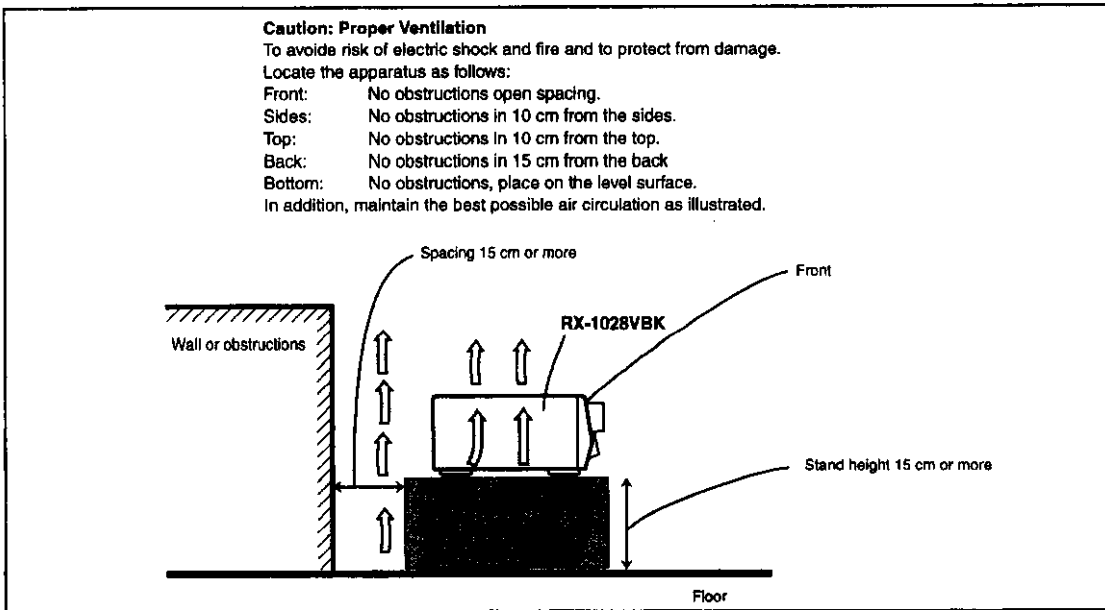
**Caution — POWER switch!**  
Disconnect the mains plug to shut the power off completely. The POWER switch in any position does not disconnect the mains line. The power can be remote controlled.

**For the main unit:**  
This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:  
Reorient or relocate the receiving antenna.  
Increase the separation between the equipment and receiver.  
Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.  
Consult the dealer or an experienced radio/TV technician for help.

*will be changed*

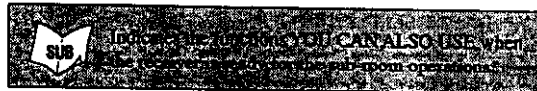
**For the remote control:**  
This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the manufacturer for compliance could void the user's authority to operate the equipment.



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# Introduction

We would like to thank you for purchasing one of our JVC products.  
Before operating this unit, read this manual carefully and thoroughly to obtain the best possible performance from your unit, and retain this manual for future reference.

## Features

### Main Functions

#### • Dolby Digital Decoder Incorporated

You can enjoy Dolby Digital, one of the most advanced home theater sound systems available. Dolby Digital, with five full-range channels and a subwoofer channel, lets you enjoy the most spectacular theater sound at home when you view movies on DVD.

#### • Compatible with DTS Digital Surround

The RX-1028VBK is compatible with DTS Digital Surround as well. DTS Digital Surround is the latest digital movie soundtrack format that delivers 5.1-channel audio like Dolby Digital. Using a low audio-data compression rate, it features natural, solid and clear sound.

#### • Multi Room Operations

You can connect two pairs of the front speakers to the RX-1028VBK, and use them to listen to different sources in the different rooms (Main room and Sub-room) at the same time.

#### • Command Center and RF/IR Illuminated Multi-brand Remote Control

The remote control sends out not only IR (infrared) but also RF (radio frequency) signals as coded commands to control the receiver. The Command Center and the remote control provided with this receiver allows you to control the receiver. The Command Center can receive the RF (Radio Frequency) signals sent from the remote control, then send them to the receiver after converting the signals to IR signals.

– The remote control provided with this receiver can transmit control signals for many manufacturers' video components.

#### • COMPU LINK Remote Control System

The COMPU LINK remote control system allows you to operate other JVC audio components from this receiver.

#### • TEXT COMPU LINK Remote Control System

The TEXT COMPU LINK remote control system has been newly developed to deal with the disc information recorded in the CD Text and MDs. Using these information in the discs, you can operate the CD player or MD recorder through the receiver.

#### • AV COMPU LINK Remote Control System

The AV COMPU LINK remote control system allows you to operate other JVC video components from this receiver.

### Main Technologies

#### • K2 Interface

K2 Interface eliminates jitter and ripples, achieving a drastic reduction in digital distortion. You can obtain a natural sound field from stereo and 5.1 channel sources.

#### • Advanced Super-A

Super-A is JVC's exclusive technology which combines the silky, distortion-free sound of a class-A amplifier and the robust efficiency of a class-B amplifier. Now this technology has been upgraded to Advanced Super-A. A newly added constant current circuit has replaced a device that used to distort load current waveforms. The result is an amplifier that is better able to control the speakers, bringing about a tremendous improvement in sound quality.

## Precautions

### Power sources

- When unplugging the receiver or the Command Center from the wall outlet, always pull the plug, not the AC power cord.
- Do not handle the AC power cord with wet hands.
- If you are not going to operate the receiver for an extended period of time, unplug the AC power cords of both the receiver and the Command Center from the wall outlets.

### Multi-room operations

- Do not use the remote control outdoor or install the speakers outdoor.
- When operating the receiver from the place where you cannot see the receiver (for example, when controlling the receiver installed in the living room, from the kitchen), pay attention to the following not to surprise other people:
  - Be careful not to turn up the volume so high when controlling the receiver without listening to the playback sound.
  - Be careful not to surprise other people at a sudden sound coming out of the receiver when turning it on. (A sudden stop of the sound may also surprise other people.)
- If the receiver operates by itself or malfunctions, the following causes will be considered.
  - Interference to RF communication between the Command Center and the remote control from outside.
  - The remote control is used unintentionally. For example, a book is placed on the remote control, and therefore, depressing some buttons on the remote control.
- If your neighbor uses the same or similar RF remote control system, the Command Center may happen to receive the RF signals sent from such an RF remote control system, and operate the receiver unintentionally. If this happen, stop using the Command Center and the remote control, and consult your JVC dealer or the nearest JVC Service Center.

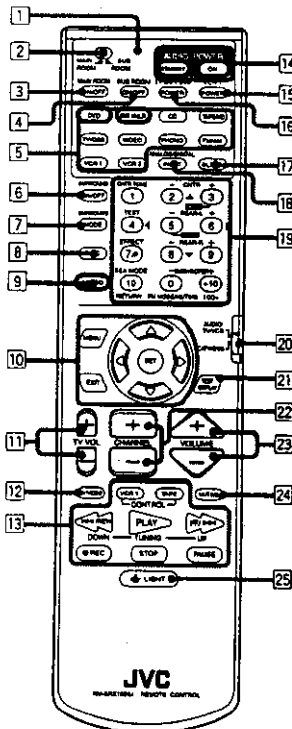
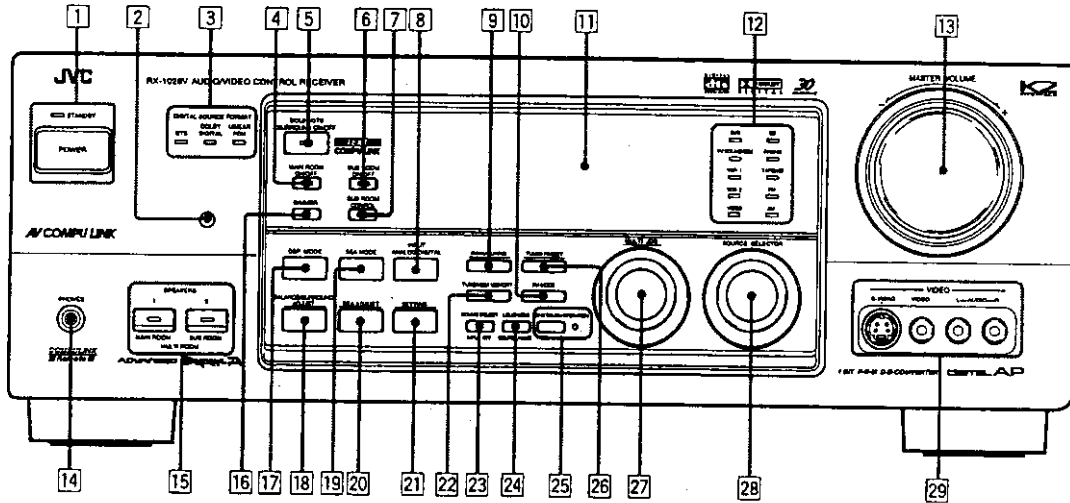
### Others

- Should any metallic object or liquid fall into the unit, unplug the unit and consult your dealer before operating any further.
- Do not disassemble the unit since there are no user serviceable parts inside.

If anything goes wrong, unplug the AC power cord and consult your JVC dealer.

# Parts Identification

Refer to the pages in parentheses for details.



## Remote Control

- 1 Remote operation lamp (10)  
Lights when transmitting a control signal.
- 2 Main room/sub-room selector (15)
- 3 MAIN ROOM ON/OFF button (15)
- 4 SUB ROOM ON/OFF button (19)
- 5 Source selecting buttons (16, 20)  
DVD, DVD MULTI, CD, TAPE/MD, TV/DBS, VIDEO, PHONO, FM/AM, VCR 1, VCR 2
- 6 SURROUND ON/OFF button (37)
- 7 SURROUND MODE button (32)
- 8 DISC button (57)
- 9 SOUND button (18, 29, 33)
- 10 On-screen operation buttons (41, 49)  
MENU, SET, EXIT, Δ, ▽, ◀, ▶
- 11 TV VOL +/- buttons (58, 59)
- 12 TV/VIDEO button (58, 59)
- 13 Operating buttons for audio/video components (56 - 60)
- 14 AUDIO POWER buttons (15, 19)  
STANDBY, ON
- 15 VCR 1 POWER button (58, 60)
- 16 TV/CATV/DBS POWER button (58 - 60)
- 17 SLEEP button (18)
- 18 ANALOG/DIGITAL INPUT button (23)  
• 10 keys for selecting preset channels (28)  
• 10 keys for adjusting sound (29, 33, 40)  
• 10 keys for operating audio/video components (56 - 60)
- 20 Remote control mode selector (15, 56, 58)
- 21 TEXT DISPLAY button (49)
- 22 CHANNEL +/- button (58 - 60)
- 23 VOLUME +/- button (17, 21)
- 24 MUTING button (17, 21)
- 25 LIGHT button (10)

## Front Panel

- 1 POWER button and STANDBY lamp (15, 19)
- 2 Remote sensor (10)
- 3 DIGITAL SOURCE FORMAT lamps (16)  
DTS, DOLBY DIGITAL, LINEAR PCM
- 4 MAIN ROOM ON/OFF button and lamp (15)
- 5 DOLBY/DTS SURROUND ON/OFF button and lamp (35, 37)
- 6 SUB ROOM ON/OFF button and lamp (19)
- 7 SUB ROOM CONTROL button and lamp (19)
- 8 INPUT ANALOG/DIGITAL button (23)
- 9 FM/AM TUNING button (27) \*
- 10 FM MODE button (28)
- 11 Display (16)
- 12 Source lamps (16)
- 13 MASTER VOLUME control (17, 21)
- 14 PHONES jack (17)
- 15 Front speaker buttons and lamps  
• SPEAKERS 1, SPEAKERS 2 (17)  
• MAIN ROOM, SUB ROOM (21)
- 16 DIMMER button (18)
- 17 DSP MODE button (32)
- 18 BALANCE/SURROUND ADJUST button (18, 33) \*
- 19 SEA MODE button (29)
- 20 SEA ADJUST button (29) \*
- 21 SETTING button (22 - 26) \*
- 22 TUNER/SEA MEMORY button (27 - 29)
- 23 SOUND SELECT/INPUT ATT button (16, 17)
- 24 LOUDNESS/SOURCE NAME button (17, 22)
- 25 ONE TOUCH OPERATION button and lamp (26)
- 26 TUNER PRESET button (28) \*
- 27 MULTI JOG control  
What this control actually does depends on which function you are trying to adjust. Before using this control, select the function by pressing one of the buttons marked with \*.
- 28 SOURCE SELECTOR control (16, 20)
- 29 VIDEO input jacks (8)

