



MICRO COMPONENT SYSTEM UX-GN6

—Consists of CA-UXGN6 and SP-UXGN5



Thank you for purchasing a JVC product.

INSTRUCTIONS

LVT1989-001E/J/C
0209RYMMDDW/DAT
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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.

For U.S.A.
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 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.

Warnings, Cautions and Others Mises en garde, précautions et indications diverses

CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN

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.

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 products 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.

ATTENTION
RISQUE D'ÉLECTROCUTION
NE PAS OUVRI

ATTENTION: POUR ÉVITER TOUT RISQUE D'ÉLECTROCUTION, NE PAS OUVRI LE BÔTIER. AUCUNE PIÈCE INTÉRIEURE N'EST À RÉGLER PAR L'UTILISATEUR. SE RÉFÉRER À UN AGENT QUALIFIÉ EN CAS DE PROBLÈME.

Le symbole de l'éclair à l'intérieur d'un triangle équilatéral est destiné à avertir l'utilisateur sur la présence d'une "tension dangereuse" non isolée dans le boîtier du produit. Cette tension est suffisante pour provoquer l'électrocution de personnes.
Le point d'exclamation à l'intérieur d'un triangle équilatéral est destiné à avertir l'utilisateur sur la présence d'opérations d'entretien importantes au sujet desquelles des renseignements se trouvent dans le manuel d'instructions.

CAUTION: Changes or modifications not approved by JVC could void the user's authority to operate the equipment.

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.

ATTENTION
Afin d'éviter tout risque d'électrocution, d'incendie, etc.:
1. Ne pas enlever les vis ni les panneaux et ne pas ouvrir le coffret de l'appareil.
2. Ne pas exposer l'appareil à la pluie ni à l'humidité.

IMPORTANT FOR LASER PRODUCTS
1. CLASS 1 LASER PRODUCT
2. **CAUTION:** Do not open the top cover or cabinet. There are no user serviceable parts inside the unit; leave all servicing to qualified service personnel.
3. **CAUTION:** Visible and/or invisible class 1M laser radiation when open. Do not view directly with optical instruments.
4. REPRODUCTION OF LABEL: CAUTION LABEL, PLACED INSIDE THE UNIT.

IMPORTANT POUR PRODUITS LASER
1. PRODUIT LASER CLASSE 1
2. **ATTENTION:** N'ouvrez pas le couvercle supérieur ni le coffret de l'appareil. Il n'y a aucune pièce réparable par l'utilisateur à l'intérieur de l'appareil; confiez toute réparation à un personnel qualifié.
3. **ATTENTION:** Rayonnement laser visible et/ou invisible de classe 1M une fois ouvert. Ne pas regarder directement dans le faisceau avec des instruments optiques.
4. REPRODUCTION DE L'ÉTIQUETTE: ÉTIQUETTE DE PRÉCAUTION PLACÉE À L'INTÉRIEUR DE L'APPAREIL.

CAUTION
The ϕ / button in any position does not disconnect the mains line.
Disconnect the mains plug to shut the power off completely (the STANDBY lamp goes off).
The MAINS plug or an appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.
• When the System is on standby, the STANDBY lamp lights red.
• When the System is turned on, the STANDBY lamp goes off. The power can be remote controlled.

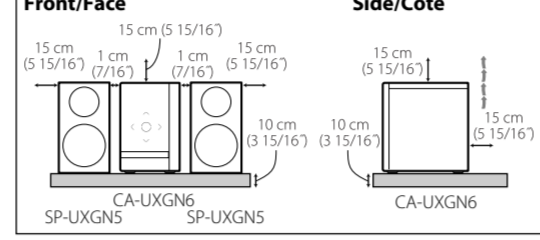
ATTENTION
La touche ϕ /, quelle que soit sa position, ne coupe pas la ligne principale.
Débrancher la fiche principale pour couper complètement l'alimentation du secteur (le témoin STANDBY s'éteint).
La fiche secteur ou un coupleur est utilisé comme dispositif de déconnexion de l'appareil, et l'appareil déconnecté doit être prêt à être utilisé.
• Quand l'appareil est en mode d'attente, le témoin STANDBY est allumé en rouge.
• Quand l'appareil est sous tension, le témoin STANDBY s'éteint. L'alimentation peut être commandée à distance.

CAUTION: Excessive sound pressure from earphones or headphones can cause hearing loss.
ATTENTION: Une pression acoustique excessive des écouteurs ou du casque d'écoute peut entraîner une perte auditive.

CAUTION: Battery shall not be exposed to excessive heat such as sunshine, fire, or the like.
ATTENTION: Les piles ne doivent en aucun cas être exposées à une chaleur excessive (lumière du soleil, feu, etc.).

CAUTION: Proper Ventilation
To avoid risk of electric shock and fire, and to prevent damage, locate the apparatus as follows:
1. Front: No obstructions and open spacing.
2. Sides/Top/Back: No obstructions should be placed in the areas shown by the dimensions below.
3. Bottom: Place on the level surface. Maintain an adequate air path for ventilation by placing on a stand with a height of 10 cm or more.

ATTENTION: Aération correcte
Pour prévenir tout risque de décharge électrique ou d'incendie et éviter toute détérioration, installez l'appareil de la manière suivante:
1. Avant: Bien dégagé de tout objet.
2. Côtés/dessus/dessous: Assurez-vous que rien ne bloque les espaces indiqués sur le schéma ci-dessous.
3. Dessous: Posez l'appareil sur une surface plane et horizontale. Veillez à ce que sa ventilation correcte puisse se faire en le plaçant sur un support d'au moins dix centimètres de hauteur.



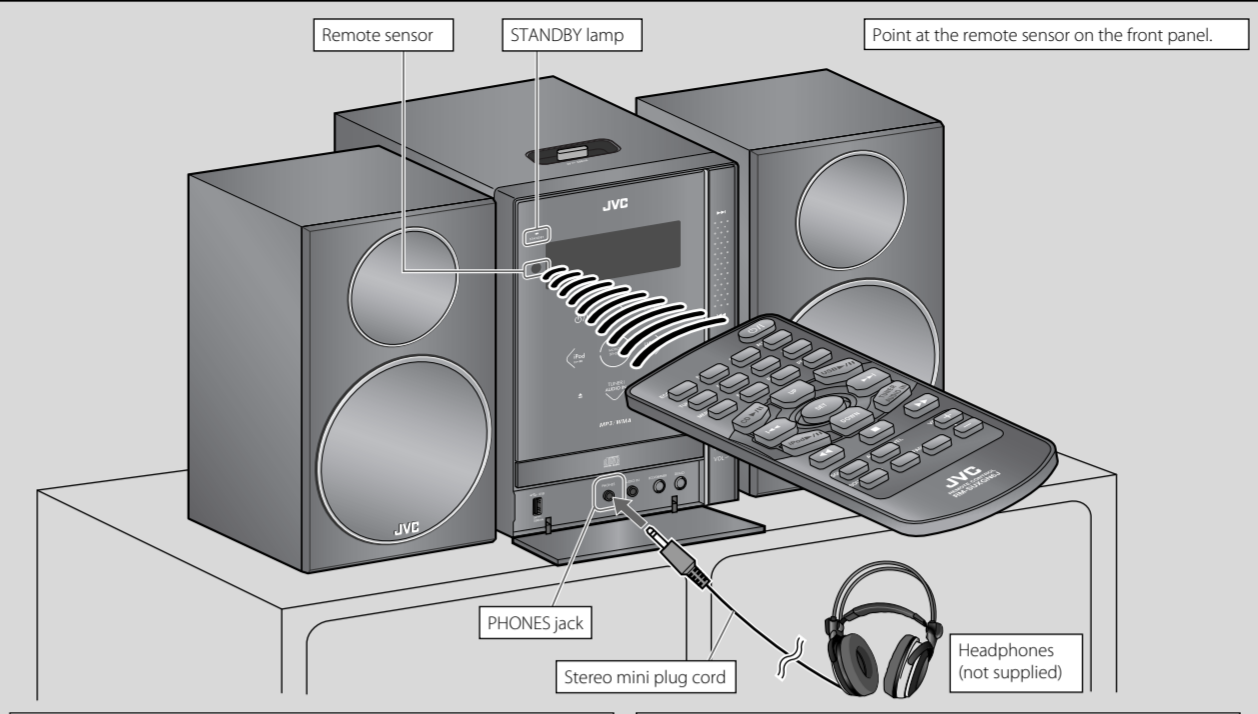
CAUTION:
• Do not block the ventilation openings or holes. (If the ventilation openings or holes are blocked by a newspaper or cloth, etc., the heat may not be able to get out.)
• Do not place any naked flame sources, such as lighted candles, on the apparatus.
• When discarding batteries, environmental problems must be considered and local rules or laws governing the disposal of these batteries must be followed strictly.
• Do not expose this apparatus to rain, moisture, dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the apparatus.

ATTENTION:
• Ne bloquez pas les orifices ou les trous de ventilation. (Si les orifices ou les trous de ventilation sont bloqués par un journal, un tissu, etc., la chaleur peut ne pas être évacuée correctement de l'appareil.)
• Ne placez aucune source de flamme nue, telle qu'une bougie, sur l'appareil.
• Lors de la mise au rebut des piles, veuillez prendre en considération les problèmes de l'environnement et suivre strictement les règles et les lois locales sur la mise au rebut des piles.
• N'exposez pas cet appareil à la pluie, à l'humidité, à un égouttement ou à des éclaboussures et ne placez pas des objets remplis de liquide, tels qu'un vase, sur l'appareil.

[European Union only]
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Basic and Common Operations

The operations on pages 4 to 6 are explained using the remote control, unless mentioned otherwise. However, if the System has the same or similar button names, they can also be used for the operations.

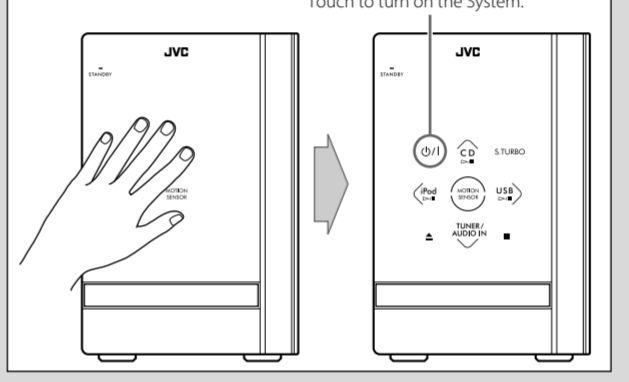


Display Demonstration
When you plug in the System, the display demonstration automatically starts.
To cancel the display demonstration, press and hold DEMO until "DEMO CLR" is displayed while the System is on standby.
• When the ECO Mode is activated, the display demonstration does not work (and you cannot deactivate it).

Laser Touch Operation
You can use \leftarrow and VOL +/- on the front panel by sliding your finger up or down on the illumination.
To use \leftarrow and VOL +/-

Using Headphones
Be sure to turn down the volume before connecting or putting on the headphones.
• Connecting the headphones will deactivate the speakers.
• Sound adjustments also affect the sound through the headphones.

Motion Sensor on the Front Panel
When you move your hand close to the front panel while the System is on standby, the controls on the front panel illuminate.
• When no operation is done for about 5 seconds, the illumination turns off.
• When the ECO Mode is activated, the motion sensor does not work.



To	Press		Indication/Result
	Main unit	Remote	
Turn on or off (standby) the power	ϕ /I	ϕ /I	The STANDBY lamp on the System turns off/on.
Select a source	CD \blacktriangleright /I USB \blacktriangleright /I iPod \blacktriangleright /I	CD \blacktriangleright /I USB \blacktriangleright /I iPod \blacktriangleright /I	See "Playing Back a Disc/USB Mass Storage Class Device" on page 4. See "Listening to an iPod/Viewing Images on the iPod" on page 5.
Adjust the volume	VOLUME + -	TUNER AUDIO IN FM \blacktriangleright \blacktriangleleft AM \blacktriangleright AUDIO IN	Press repeatedly to select "FM," "AM," or "AUDIO IN" as the source. • See "Listening to FM and AM Broadcasts" or "Listening to Other Equipment" on page 5.
Drop the volume in a moment	FACE MUTING		To restore the volume, press again, or adjust the volume level.
Select the Sound Mode	SOUND MODE	ROCK \blacktriangleright POP \blacktriangleright CLASSIC \blacktriangleright JAZZ FLAT \blacktriangleright SAMBA \blacktriangleright SALSA \blacktriangleright REGGAE	Press repeatedly to select the desired Sound Mode. The SOUND indicator lights up. (canceled)
Emphasize the sound (Sound Turbo)	S.TURBO	SOUND TURBO	The S.TURBO indicator lights up. To cancel this function, press again.
Reinforce the bass sound (Hyper Bass Sound)	HBS	HBS	The HBS indicator lights up. • When Sound Turbo function is activated (see above), the HBS indicator goes off and HBS button does not work. To cancel this function, press again.
Change the display brightness	ECO DIMMER	ECO DIMMER	Press repeatedly when the System is turned on. DIM ON \blacktriangleright DIM OFF (canceled)
Turn off the display while on standby	ECO DIMMER	ECO DIMMER	Press repeatedly while the System is on standby. DISP OFF \blacktriangleright ECO ON Clock \blacktriangleleft DISP OFF: Turns off the display with the motion sensor on. ECO ON: Turns on the ECO (Ecology) Mode. ECO Mode reduces power consumption while the System is on standby by turning off the display and motion sensor.

NOTE: DO NOT turn off (standby) the System with the volume set to an extremely high level; otherwise, the sudden blast of sound can damage your hearing, speakers and/or headphones when you turn on the System or start playback.

Getting Started

Supplied Accessories
After unpacking, check to be sure that you have all the following items.
• Remote control, RM-SUXGN6 (x 1)
• Lithium coin battery (x 1: installed in the remote control)
• AM loop antenna (x 1)
• FM antenna (x 1)
• Video cord (x 1)
If anything is missing, consult your dealer immediately.

Prepare the Remote Control
When you use the remote control for the first time, pull out the insulation sheet.

To Replace the Battery in the Remote Control
Lithium coin battery (product number: CR2025)

NOTES:
• Store the battery in a place where children cannot reach. If a child accidentally swallows the battery, consult a doctor immediately.
• To prevent the battery from overheating, cracking, or starting a fire:
– Do not recharge, short, disassemble or heat the battery or dispose of it in a fire.
– Do not leave the battery with other metallic materials.
– Wrap the battery with tape and insulate when throwing away or saving it.
– Do not poke the battery with tweezers or similar tools.
• Dispose of battery in the proper manner, according to federal, state, and local regulations.

For USA-California Only
This product contains a CR Coin Cell Lithium Battery which contains Perchlorate Material – special handling may apply.
See www.dtsc.ca.gov/hazardouswaste/perchlorate

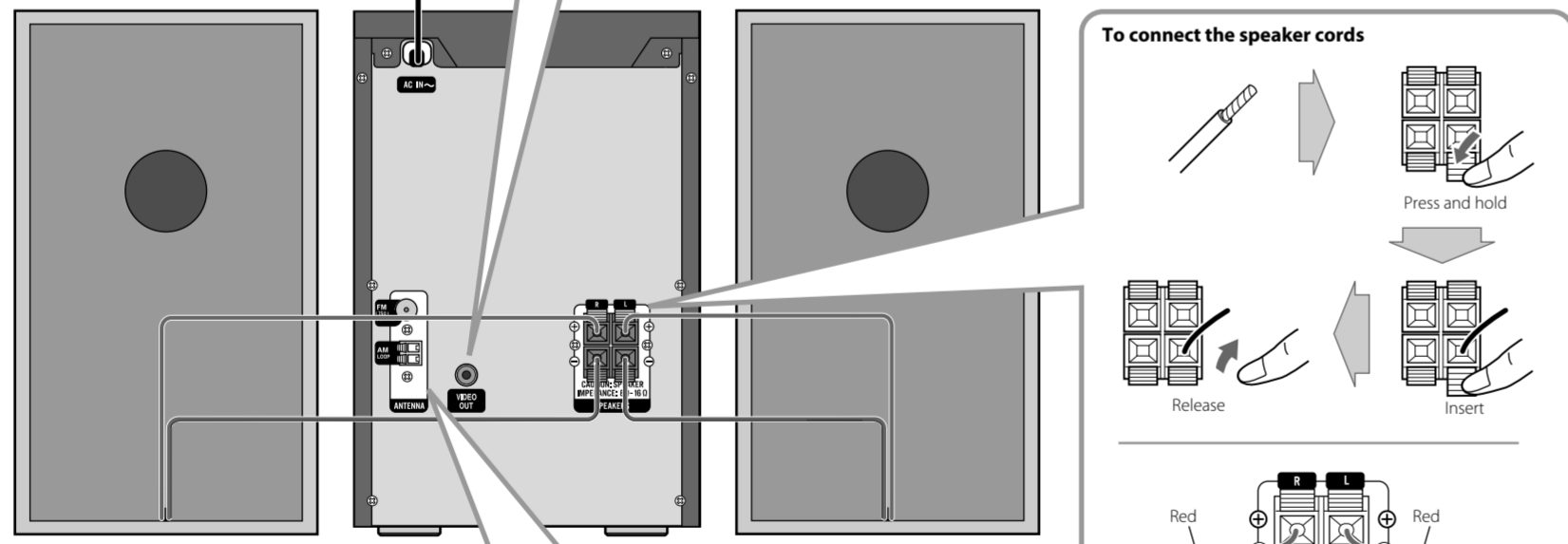
CAUTION:
Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type.

Connections

To a wall outlet
Plug the AC power cord until all other connections are complete.

Do not connect the AC power cord until all other connections have been made.

Rear view

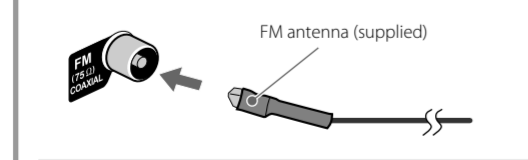


For iPod
To connect the monitor (not supplied)
— To view video/picture from the iPod

To connect the speaker cords

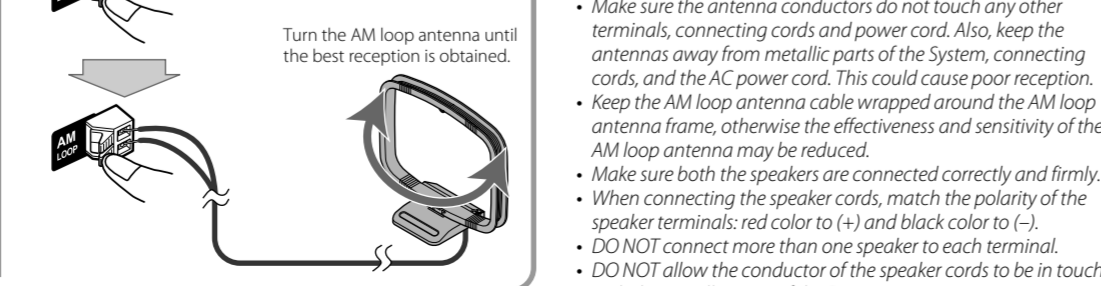
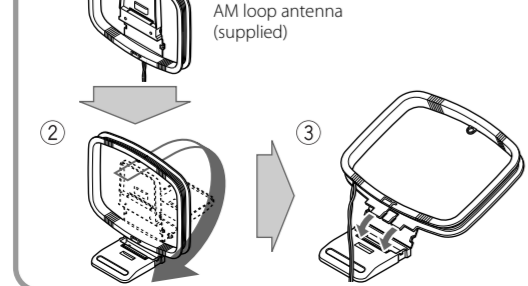
To connect the FM antenna (supplied)
Extend it so that you can obtain the best reception.

For better FM reception
Disconnect the supplied FM antenna, and connect to an outdoor FM antenna using a 75 Ω wire with coaxial type connector.



To assemble the AM loop antenna (supplied)

To connect the AM loop antenna
Turn the AM loop antenna until the best reception is obtained.



NOTES:
• Make sure the antenna conductors do not touch any other terminals, connecting cords and power cord. Also, keep the antennas away from metallic parts of the System, connecting cords, and the AC power cord. This could cause poor reception.
• Keep the AM loop antenna cable wrapped around the AM loop antenna frame, otherwise the effectiveness and sensitivity of the AM loop antenna may be reduced.
• Make sure both the speakers are connected correctly and firmly.
• When connecting the speaker cords, match the polarity of the speaker terminals: red color to (+) and black color to (-).
• DO NOT connect more than one speaker to each terminal.
• DO NOT allow the conductor of the speaker cords to be in touch with the metallic parts of the System.

Playing Back a Disc/USB Mass Storage Class Device

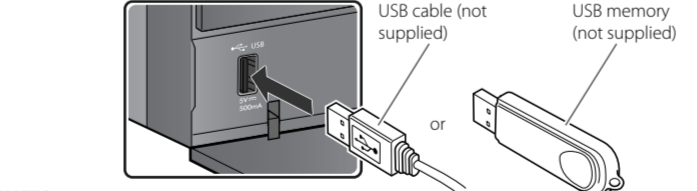
This System can play back...
– CD.
– CD-R/CD-RW recorded in audio CD format (CD-DA) or recorded MP3/WMA files in ISO 9660 format.
– USB mass storage class device containing MP3/WMA files.
• When playing back an MP3 or WMA track, corresponding indicator lights up.

Loading a Disc

- Touch to open the disc tray.
- When using an 8 cm (3 1/8 inch) disc, place it on the inner circle of the disc tray.
- Touch to close the disc tray.

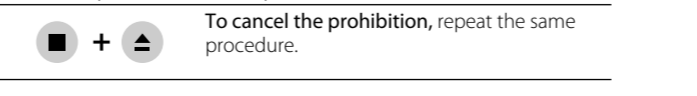
Connecting a USB Mass Storage Class Device

You can connect a USB mass storage class device such as a USB flash memory device, MP3 player, multimedia card reader, etc. to the System.



NOTES:
• When connecting with a USB cable, use the USB 2.0 cable whose length is less than 1 m (3.3 ft).
• USB mass storage class device is charged through the USB terminal when the System is turned on and the source is "USB."
• You cannot connect a computer to the USB terminal of the System.
• Do not disconnect the USB mass storage class device when the System is turned on. It may cause malfunction of both this System and the device.
• Noise and static electricity may stop the USB mass storage class device sound. In this case, disconnect the USB mass storage class device and connect it again after turning off the System.
• Depending on the shape of USB mass storage class device, the USB terminal may not be fully inserted into the USB terminal on the System. In such a case, use a USB extension cable (not supplied) to connect.

Prohibiting Disc Ejection (on the System only)
You can lock the disc tray so that no one can eject the loaded disc. While the System is on standby...



Basic Disc/USB Mass Storage Class Device Operations

To	Press	Indication/Result
Play back the disc	CD \blacktriangleright /I	• During playback, press again to pause.
Play back the USB mass storage class device	USB \blacktriangleright /I	
Stop playback	■	• While playback is stopped, total track number and total playing time (for MP3/WMA files, group number and track number) appear.
Select a track	\blacktriangleright \blacktriangleleft	Select the next tracks. To go back to the beginning of the current or previous tracks.
Select a group (MP3/WMA only)	UP DOWN	Select the next groups. Select the previous groups.
Forward search/Reverse search	\blacktriangleright \blacktriangleleft	Press and hold to fast-forward the track during playback. Press and hold to fast-reverse the track during playback.
Change the display information	DISPLAY	(only for USB) Press repeatedly.

NOTES:
• If no disc is inserted or no USB mass storage class device is connected, "NO DISC" or "NO USB" appears on the main display.
• If MP3/WMA files are not recorded on the disc or in the USB mass storage class device, "NO PLAY" appears on the main display.

Playing Repeatedly—Repeat Play

Press repeatedly to specify the repeat mode as follows:
RPT TRK: Repeats the current (or specified) track. (RPT TRK \blacktriangleright RPT GRP \blacktriangleright RPT ALL \blacktriangleright RPT OFF)
RPT GRP: Repeats all tracks in the current group (MP3/WMA only). (RPT GRP \blacktriangleright)
RPT ALL: Repeats all tracks. (RPT ALL \blacktriangleright)
RPT OFF: Normal playback



Programming the Playing Order—Program Play

(only for Disc)

- Select disc as the source.
- Activate the Program Play.
- Select tracks you want for Program Play.
• For MP3/WMA files only: You can also use UP or DOWN.
- Press to store the selected track.
- Repeat steps 3 and 4 to program other tracks you want.
• If you try to program a 33rd track, "PGM FULL" appears.
- The program is completed and the tracks are played back in the programmed order.

Operations for Program Play (while not playing)
• To check the programmed contents, press \blacktriangleleft or \blacktriangleright .
• To erase the entire program, press and hold CANCEL for about 2 seconds.
• To exit from Program Play, press ■.
– The stored program is kept.

Playing at Random—Random Play

(only for Disc)

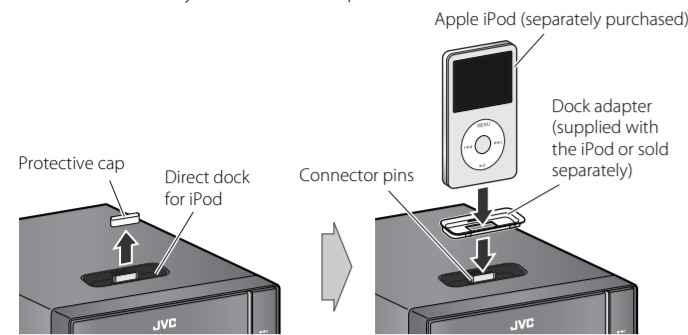
- Select disc as the source.
- Press repeatedly to select the desired Random Mode.
RND ALL: Plays all tracks in random order. (RND ALL \blacktriangleright RND GRP \blacktriangleright RND OFF)
RND GRP: Plays tracks in the current group in random order. (MP3/WMA only). (RND GRP \blacktriangleright)
RND OFF: Normal playback
- Playback starts in random order.

Operations for Random Play
• To skip a track, press \blacktriangleright .
• To go back to the beginning of the current track, press \blacktriangleleft .

Listening to an iPod/Viewing Images on the iPod

Connecting an iPod

Insert the iPod directly to the connector pins.



To detach the dock adapter from the dock:
Pull up the dock adapter with your fingernail or sharp pointed tool using the slot.
• Be careful not to injure your fingertips or damage the terminal of the dock.

- Be sure to reduce the volume on the System to the minimum level before connecting an iPod. Adjust the volume after starting playback.
- DO NOT connect or disconnect the iPod when the System is turned on.
- You cannot send any data to your iPod from the System.
- Do not carry the System with iPod connected. You might drop the iPod or it might cause damages to the iPod dock.
- Do not touch or hit the iPod terminal pins or connector pins in the iPod dock directly. It might cause damages to the connector part.
- Before viewing a video/picture from your iPod on your monitor, make the appropriate video setting on the iPod. For details of the setting, refer to the instruction manual for the iPod.

Basic iPod Operations

To	Press	Indication/Result
Play back an iPod		The System detects the iPod and starts playback.
Select a track		Select the next tracks.
		To go back to the beginning of the current or previous tracks.
Forward search/Reverse search		Press and hold to fast-forward the track during playback.
		Press and hold to fast-reverse the track during playback.

To	Press	Indication/Result
Display the menu/Go back to the previous menu		—
Select an item on the menu	OR 	• The UP/DOWN buttons work in the same way as operating the click wheel of iPod counterclockwise/clockwise. (Refer to the instruction manual for the iPod for details.)
Play back at random		• Refer to the instruction manual for the iPod for details.
Play back repeatedly		• Refer to the instruction manual for the iPod for details.
Change the display information		Press repeatedly.

Listening to FM and AM Broadcasts

Basic Tuner Operations

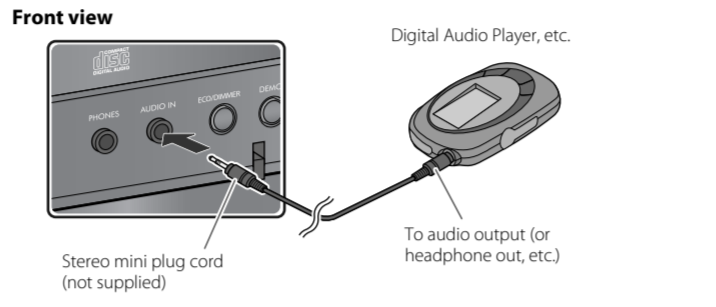
To	Press	Indication/Result
Select FM or AM		Press repeatedly to select "FM" or "AM." • The selected frequency band appears.
Select a frequency	OR	Press and hold for more than 2 seconds. The System starts searching for stations and stops when a station of sufficient signal strength is tuned in. • Press during searching to stop. • Press repeatedly to change the frequency step by step.
	OR	Press repeatedly to select its preset number.
Change the FM reception mode (When an FM stereo broadcast is hard to receive)		Press to improve reception. The M (mono) indicator lights up. Stereo effect will be lost. To restore the stereo effect , press again. The S (stereo) indicator lights up.

Presetting Stations

You can preset 30 FM and 15 AM stations manually.

- 1 Tune in to a station you want to preset.
• You can also store the FM reception mode.
- 2 Press to activate the preset number entry mode.
• Finish the following steps while the indication on the display is flashing.
- 3 OR Press to select a preset number for the station you want to store.
- 4 Press to store the station.

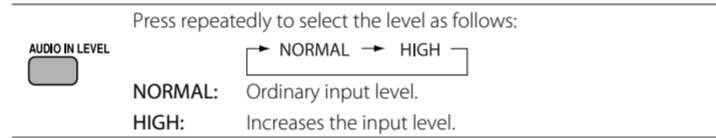
Listening to Other Equipment



- 1 Turn the volume to minimum.
- 2 Press repeatedly to select "AUDIO IN."
- 3 Start playing the connected equipment.
- 4 Adjust the volume.

To Preset the Audio Input Level

If the sound from the equipment connected to the AUDIO IN jack is too loud or too quiet, you can change the audio input level through the AUDIO IN jack (without changing the volume level).



Learning More about This System

Basic and Common Operations (see page 3)

- Pressing one of the source buttons also turns on the System and starts playing back if the source is ready or connected.
- You cannot use the Sound Mode and Sound Turbo at the same time.

Playing Back a Disc/USB Mass Storage Class Device (see page 4)

- This System cannot play "packet write" discs.
- For MP3/WMA playback.
 - In this manual, "file" and "track" are interchangeably used.
 - This System can show the Tag data (Version 1).
 - MP3/WMA discs are required a longer readout time than regular CDs. (It depends on the complexity of the group/file configuration.)
 - Some MP3/WMA files cannot be played back and will be skipped. This result from their recording processes and conditions.
 - When making MP3/WMA discs, use ISO 9660 Level 1 or Level 2 for the disc format.
 - This System can play back MP3/WMA files with the extension code <mp3> or <.wma> (regardless of the letter case—upper/lower).
 - It is recommended that you make each MP3/WMA file at a sampling rate of 44.1 kHz and at bit rate of 128 kbps. This System cannot play back files made at a bit rate of less than 64 kbps.
 - Playback order of MP3/WMA tracks may be different from the one you have intended while recording. If a folder (group) does not include MP3/WMA tracks, they are ignored.
- Do not use the following USB mass storage class devices...
 - Whose rating is other than 5 V and exceeds 500 mA.
 - Equipped with special functions such as data security functions.
 - Divided by 2 or more partitions.
- For the USB mass storage class device playback...
 - When connecting a USB mass storage class device, also refer to its manual.
 - Connect one USB mass storage class device to the System at a time. Do not use a USB hub.
 - This System is compatible with USB 2.0 Full Speed.
 - You can play back MP3/WMA files in a USB mass storage class device (maximum data transfer rate: 2 Mbps).
 - You cannot play back a file larger than 2 Giga bytes.
 - This System may not play back some USB mass storage class devices and does not support DRM (Digital Rights Management)

- If incompatible iPod is connected, the iPod may not be operated from the System.
- When an iPod is connected to the System, the battery in the iPod is charged through the iPod terminal (except when the ECO Mode is activated).
- Sound distortion may occur when playing back audio sources with high recording levels. When distortion occurs, it is recommended to turn off the equalizer of the iPod. For information on operating the iPod, see the iPod instruction manual.

Setting the Clock and Using Timers (see page 6)

- You cannot set the clock and Daily Timer while the ECO (Ecology) Mode is activated.
- The clock may gain or lose 1 to 2 minutes per month. If this happens, adjust the clock.
- When you unplug the AC power cord or if a power failure occurs, the clock and the timer will be canceled. You need to set the clock first, then the timer again.

- **Timer Priority:**
 - If you activate the Sleep Timer after Daily Timer starts playing the selected source, Daily Timer is canceled.

- This System can recognize up to 255 groups in a disc. The total number of groups and tracks (in a disc) that can be recognized by the System is 512 (for MP3/WMA).
- This System can recognize up to 99 groups and 999 tracks (with a maximum number of 255 tracks in a group) in a USB mass storage class device.
- Prohibiting disc ejection (or canceling it) is not available when the display is turned off ("DISP OFF") or the ECO Mode is activated ("ECO ON") (see page 3).

Listening to an iPod/Viewing Images on the iPod (see page 5)

- Compatible iPod:

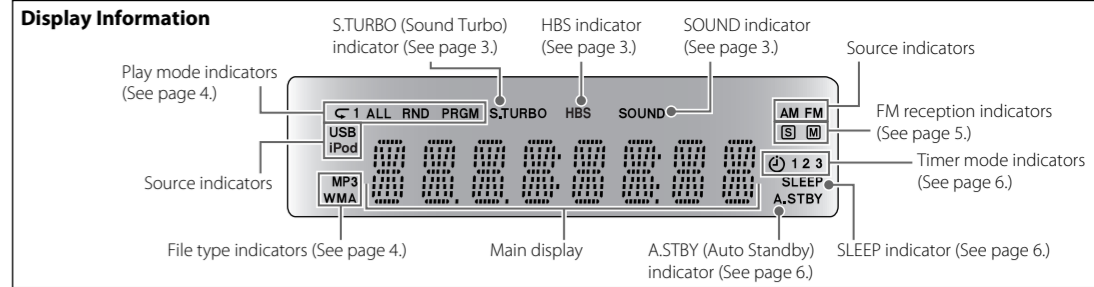
iPod model	Audio	Video
iPod nano 1GB/2GB/4GB	✓	—
iPod nano (2nd Generation) 2GB/4GB/8GB	✓	—
iPod nano (3rd Generation) 4GB/8GB	✓	✓
iPod nano (4th Generation) 8GB/16GB	✓	✓
iPod mini 4GB/6GB	✓	—
iPod mini (2nd Generation) 4GB/6GB	✓	—
iPod (4th Generation) 20GB/40GB	✓	—
iPod classic 80GB/160GB	✓	—
iPod photo (4th Generation) 20GB/30GB/40GB/60GB	✓	✓
iPod video (5th Generation) 30GB/60GB/80GB	✓	✓
iPod touch 8GB/16GB	✓	✓
iPod touch (2nd Generation) 8GB/16GB	✓	✓

- If incompatible iPod is connected, the iPod may not be operated from the System.
- When an iPod is connected to the System, the battery in the iPod is charged through the iPod terminal (except when the ECO Mode is activated).
- Sound distortion may occur when playing back audio sources with high recording levels. When distortion occurs, it is recommended to turn off the equalizer of the iPod. For information on operating the iPod, see the iPod instruction manual.

Setting the Clock and Using Timers (see page 6)

- You cannot set the clock and Daily Timer while the ECO (Ecology) Mode is activated.
- The clock may gain or lose 1 to 2 minutes per month. If this happens, adjust the clock.
- When you unplug the AC power cord or if a power failure occurs, the clock and the timer will be canceled. You need to set the clock first, then the timer again.

- **Timer Priority:**
 - If you activate the Sleep Timer after Daily Timer starts playing the selected source, Daily Timer is canceled.



Troubleshooting

If you are having a problem with your System, check this list for a possible solution before calling for service.

General

- **Power does not come on.**
 - ➔ Power plug is not inserted securely. Plug in securely.
- **Adjustments or settings are suddenly canceled before you finish.**
 - ➔ There is a time limit. Repeat the procedure again.

Operations are disabled.

- ➔ The built-in microprocessor may malfunction due to external electrical interference. Unplug the AC power cord and then plug it back in.
- ➔ The batteries are exhausted.

- **Unable to operate the System from the remote control.**
 - ➔ The path between the remote control and the remote sensor on the System is blocked.
 - ➔ The batteries are exhausted.

- **No sound is heard.**
 - ➔ Speaker connections are incorrect or loose.
 - ➔ Headphones are connected.
- **The System does not work properly.**
 - ➔ Many functions of this System are implemented by microcomputers. If the System does not work correctly, disconnect the AC power cord from the wall outlet, wait for a while, and connect the cord again.

Disc/USB Mass Storage Class Device Operations

- **The disc/USB mass storage class device does not play.**
 - ➔ The disc is placed upside down. Place the disc with the label side up.
 - ➔ The USB mass storage class device is not connected properly.

- **MP3/WMA groups and tracks are not played back as you expect.**
 - ➔ Playing order is determined when the groups and tracks were recorded. It depends on the writing application.

The disc/USB mass storage class device sound is discontinuous.

- ➔ The disc is scratched or dirty.
- ➔ MP3/WMA files have not been properly copied into the USB mass storage class device.

Setting the Clock and Using Timers

Setting the Clock

Without setting the built-in clock, you cannot use Daily Timer.
• To go back to the previous step, press MENU/CANCEL.

- 1 Press to activate the clock setting mode.
- 2 OR Adjust the hour, then the minute.

Setting the Sleep Timer

- Press repeatedly to specify the time (in minutes) as follows:
 → 10 → 20 → 30 → 60 → 90 → 120 → 150 → 180 → (canceled) OFF
- The SLEEP indicator lights up and the display dims.

To check the remaining time until the System shuts off, press SLEEP once.

Turning Off the System Automatically

—Auto Standby function (only for Disc/USB/iPod)

- Press to activate the Auto Standby.
 - The ASTBY indicator lights up.
 - The ASTBY indicator starts flashing after playback stops.
 - If no operation is done for about 3 minutes, the System turns off.

To cancel this function, press the button again.

Setting the Daily Timer

Using Daily Timer, you can wake up with your favorite music.

- You can store three Daily Timer settings; however, you can activate only one of the Daily Timers.
- To correct a misentry during the process, press MENU/CANCEL. You can return to the previous step.

- 1 Press repeatedly to select one of the timer you want to set—TIMER-1, TIMER-2, or TIMER-3.
- 2 Adjust the hour then the minute for on-time.
 OR Adjust the hour then the minute for off-time.
- 3 OR
 - ① Adjust the hour then the minute for on-time.
 - ② Adjust the hour then the minute for off-time.
 - ③ Select the playback source—"DISC," "USB HOST," "TUNER FM," "TUNER AM," "AUDIO IN," or "IPOD."
 - ④ For "TUNER FM" or "TUNER AM": Select a preset channel.
 - ⑤ For "DISC" or "USB HOST": Select a track. (For MP3/WMA: Select the group, then the track number.)
 - ⑥ Select the volume.
- 4 Turn off the System (on standby).
 - When the on-time comes, the System starts playing the specified source and sets the volume gradually to the preset level.

* If no preset channel is stored, "NOMEMORY" appears. When the on time comes, the System tunes in to the station last tuned in.
To exit from the timer setting, press TIMER as required.

To Turn Off the Daily Timer

- ① Press repeatedly to select "TIMER-1," "TIMER-2," or "TIMER-3."
- ②

To turn on the Daily Timer again, select one of the timer settings by pressing TIMER, then press SET.

Precautions

Notes on the power cord

- When you are away on travel or otherwise for an extended period of time, remove the plug from the wall outlet.
- When unplugging the System from the wall outlet, always pull the plug, not the power cord.
- Do not handle the power cord with wet hands.
- Disconnect the power cord before cleaning the System or moving the System.
- Do not alter, twist or pull the power cord, or put anything heavy on it, which may cause fire, electric shock, or other accidents.
- If the cord is damaged, consult a dealer and have the power cord replaced with a new one.

Avoid moisture, water, dust, and high temperatures

- Do not place the System in moist or dusty places.
- If water gets inside the System, turn off the power and remove the plug from the wall outlet, then consult your dealer. Using the System in this state may cause a fire or electrical shock.
- Do not expose the System to direct sunlight or place it near a heating device.

Notes on installation

- Select a place which is level, dry and neither too hot nor too cold—between 5°C (41°F) and 35°C (95°F).
- Do not install the System in a place subject to vibrations.
- Do not put heavy objects on the System.

To prevent malfunction or damage of the System

- Do not insert any metallic objects, such as wires, hairpins, coins, etc. into the System.
- Do not block the vents.

There are no user-serviceable parts inside. If anything goes wrong, unplug the power cord and consult your dealer.

Maintenance

To get the best performance of the System, keep your discs and mechanism clean.

Handling discs

- Remove the disc from its case by holding it at the edge while pressing the center hole lightly.
- Do not touch the shiny surface of the disc, or bend the disc.
- Put the disc back in its case after use.
- Be careful not to scratch the surface of the disc when placing it back in its case.
- Avoid exposure to direct sunlight, temperature extremes, and moisture.

To clean the disc:

- Wipe the disc with a soft cloth in a straight line from center to edge.

Cleaning the System

- Stains should be wiped off with a soft cloth. If the System is heavily stained, wipe it with a cloth soaked in water-diluted neutral detergent and wrung well, then wipe clean with a dry cloth.
- Since the System may deteriorate in quality, become damaged or get its paint peeled off, be careful about the following:
 - DO NOT wipe it with a hard cloth.
 - DO NOT wipe it strongly.
 - DO NOT wipe it with thinner or benzine.
 - DO NOT apply any volatile substance such as insecticides to it.
 - DO NOT allow any rubber or plastic to remain in contact for a long time.

Specifications

Amplifier section

OUTPUT POWER: 60 W per channel, min. RMS, driven into 4 Ω at 1 kHz with no more than 10% total harmonic distortion
Speakers'Impedance: 8 Ω – 16 Ω
Audio input: AUDIO IN: 500 mV/50 kΩ (at "NORMAL") 250 mV/50 kΩ (at "HIGH")
Digital input: USB

Tuner section

FM tuning range: 87.5 MHz – 108.0 MHz
AM tuning range: 530 kHz – 1 710 kHz

Disc player section

Dynamic range: 80 dB
Signal-to-noise ratio: 85 dB
Wow and flutter: Immeasurable

USB storage

USB specification: Compatible with USB 2.0 Full Speed
Compatible device: Mass storage class
Compatible file system: FAT16, FAT32
Bus power supply: DC 5 V ≒ 500 mA

iPod section

iPod output power: DC 5 V ≒ 500 mA
VIDEO OUT: Composite

General

Power requirements: AC 120 V ~, 60 Hz
Power consumption: 36 W (power on)
5 W (standby mode)
1 W or less (ECO Mode)

Dimensions (W x H x D):

165 mm x 250 mm x 272 mm
(6 1/2 inches x 9 7/8 inches x 10 3/4 inches)

Mass:

3.5 kg (7.8 lbs)

Speakers

Speaker units: 4 cm (1-5/8 inches) cone x 1
12 cm (4-3/4 inches) cone x 1
8 Ω

Impedance:

Dimensions (approx.): (W x H x D) 140 mm x 250 mm x 183 mm
(5 9/16 inches x 9 7/8 inches x 7 1/4 inches)

Mass (approx.):

1.8 kg (4.0 lbs) each

Specifications and appearance are subject to change without prior notice.

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iPod is a trademark of Apple Inc., registered in the U.S. and other countries.

TO OUR VALUED CUSTOMER

THANK YOU FOR PURCHASING THIS JVC PRODUCT.
WE WANT TO HELP YOU ACHIEVE A PERFECT EXPERIENCE.

**NEED HELP ON HOW TO HOOK UP?
NEED ASSISTANCE ON HOW TO OPERATE?
NEED TO LOCATE A JVC SERVICE CENTER?
LIKE TO PURCHASE ACCESSORIES?**

JVC IS HERE TO HELP!
TOLL FREE: 1(800)252-5722
<http://www.jvc.com>

Remember to retain your Bill of Sale for Warranty Service.

Do not attempt to service the product yourself

Caution
To prevent electrical shock, do not open the cabinet. There are no user-serviceable parts inside. Please refer to qualified service personnel for repairs.

BT-51018-5
(0306)

LIMITED WARRANTY

JVC LIMITED WARRANTY 1-1 [USA ONLY]
[ONLY FOR PRODUCT PURCHASED IN U.S.A.]
JVC Americas Corp. (JVC) warrants this product and all parts thereof, except as set forth below ONLY TO THE ORIGINAL RETAIL PURCHASER to be FREE FROM DEFECTIVE MATERIALS AND WORKMANSHIP from the date of original purchase for the period shown below. ("The Warranty Period")

PARTS	1 YR	LABOR	1 YR
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THIS LIMITED WARRANTY IS VALID ONLY IN THE FIFTY (50) UNITED STATES, THE DISTRICT OF COLUMBIA AND IN THE COMMONWEALTH OF PUERTO RICO.
WHAT WE WILL DO:
• Products which have been subject to abuse, accident, alteration, modification, tampering, negligence, misuse, faulty installation, lack of reasonable care, or if repaired or serviced by anyone other than a service facility authorized by JVC to render such service, or if affixed to any attachment not provided with the products, or if the model or serial number has been altered, tampered with, defaced or removed;
• Initial installation, installation and removal from cabinets or mounting systems.
• Operational adjustments covered in the Owner's Manual, normal maintenance, video and audio head cleaning;
• Damage that occurs in shipment, due to act of God, and cosmetic damage;
• Signal reception problems and failures due to line power surge;
• User Removal Memory Devices/Video Pick-up Tubes/CCD Image Sensors are covered for 90 days from the date of purchase;
• Accessories;
• Batteries (except that Rechargeable Batteries are covered for 90 days from the date of purchase);
• Products used for commercial purposes, including, but not limited to rental.
• Loss of data resultant from malfunction of hard drive or other data storage device;

WHAT YOU MUST DO FOR WARRANTY SERVICE:
• **Please do not return your product to the retailer.**
• **Instead, return your product to the JVC authorized service center nearest you. If shipping the product to the service center, please be sure to package it carefully, preferably in the original packaging, and include a brief description of the problem(s). Please call 1-800-252-5722 to locate the nearest JVC authorized service center. Service locations can also be obtained from our website <http://www.jvc.com>. If your product qualifies for in-home service, the service representative will require clear access to the product.**
• If you have any questions concerning your JVC Product, please contact our Customer Care Center at 800-252-5722

WHAT IS NOT COVERED:
• This limited warranty provided by JVC does not cover:
• Products which have been subject to abuse, accident, alteration, modification, tampering, negligence, misuse, faulty installation, lack of reasonable care, or if repaired or serviced by anyone other than a service facility authorized by JVC to render such service, or if affixed to any attachment not provided with the products, or if the model or serial number has been altered, tampered with, defaced or removed;
• Initial installation, installation and removal from cabinets or mounting systems.
• Operational adjustments covered in the Owner's Manual, normal maintenance, video and audio head cleaning;
• Damage that occurs in shipment, due to