

General Information

We would like to thank you for purchasing one of our JVC products. Before connecting this unit to the wall outlet, please read the instructions carefully to ensure that you obtain the best possible performance. If you have any questions, please consult your JVC dealer.

Important cautions

1. Installation of the Unit

- Select a place which is level, dry and neither too hot nor too cold (Between 5°C and 35°C or 41°F-95°F).
- Leave sufficient distance between the Unit and a TV.
- Do not use the Unit in a place subject to vibrations.

2. Power cord

- Do not handle the power cord with wet hands!
- A small amount of power (8.5 watts) is always consumed as long as the power cord is connected to the wall outlet.
- When unplugging the Unit from the wall outlet, always pull the plug, not the power cord.

3. Malfunctions, etc.

- There are no user serviceable parts inside. If anything goes wrong, unplug the power cord and consult your dealer.
- Do not insert any metallic object into the Unit.

For safe use, observe the following

Avoid moisture, water and dust

Do not set your machine in moist or dusty places.

Avoid high temperatures

Do not expose your machine to direct sunlight or set near a heating device.

Do not block the vents

Poor-ventilation may damage your machine. So do not block the vents nor put the unit in a poorly ventilated place.

When you're away

When away on travel or otherwise for an extended period of time, pull the plug from the outlet.

Do not insert foreign matter into the machine

Do not insert wires, hairpins, coins, etc. into your machine.

Care of the cabinet

When cleaning your machine, use a soft cloth and follow the relevant instructions on the use of chemically-coated cloths. Avoid applying benzene, thinner or other organic solvents and disinfectants. This may cause deformation or discoloring.

If water gets inside the machine

Cut the main power switch and pull the plug from the electrical socket, then call the store where you made your purchase. Using the machine in this state may cause a fire or electrical shock.

Features

50W + 50W (Rated output) Advanced Super A

The power stage employs the 'Advanced Super A' circuit, more advanced than Super A, for improved linearity.

PRESENCE: Sound heard easily, even at low volume

By improving the realism of low sounds, and clarifying the outline of midrange sounds, playback is easily heard at low volume or when using small speakers.

Supplied accessories (check before use)

- Remote control (RM-SAF1RU) (1)
- Batteries R03 (UM-4) / AAA (24F) (2)

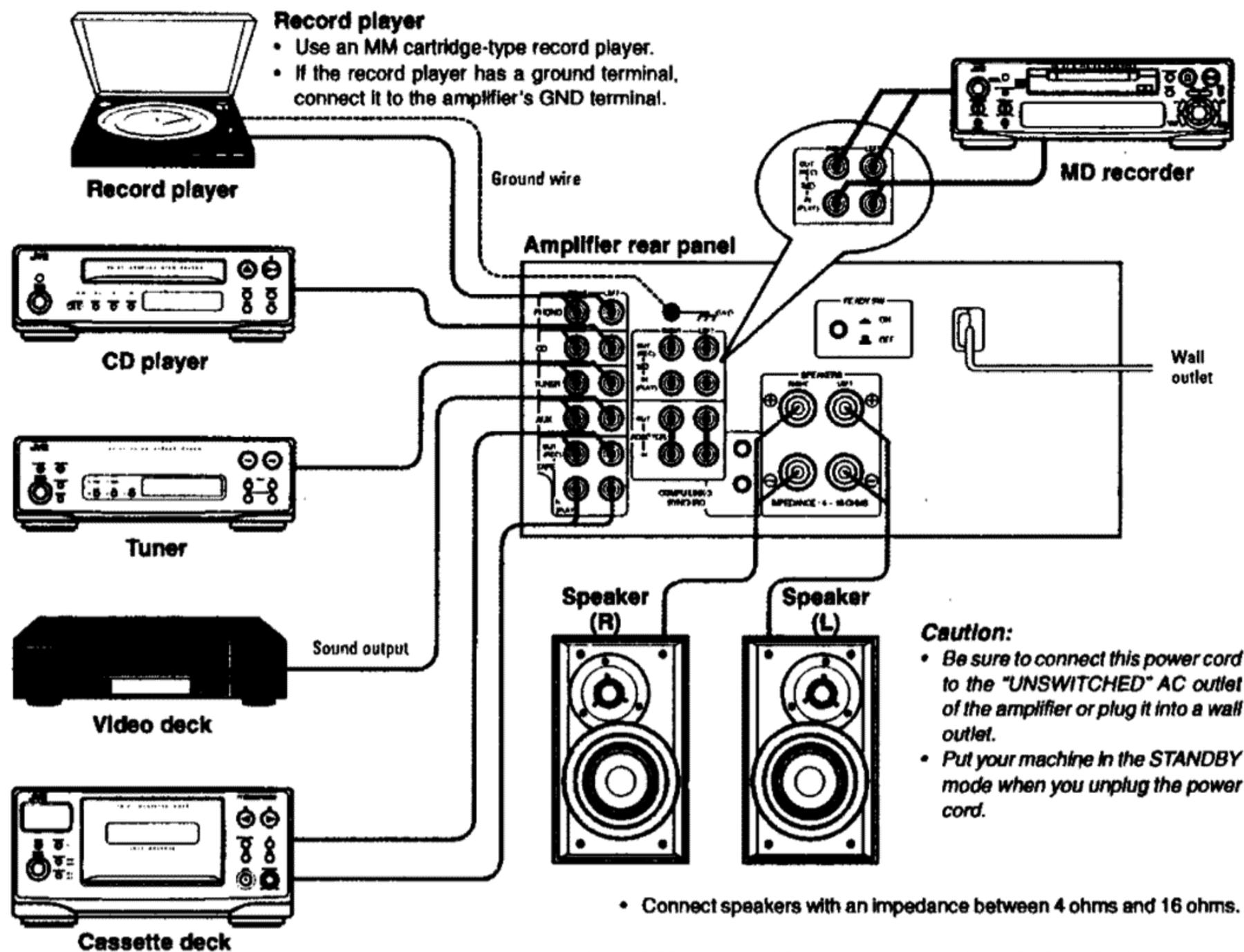
Contents

General Information	1
Important cautions	1
For safe use, observe the following	1
Features	2
Connections	4
Connection of other components	4
ADAPTER terminals	4
Supplying the AC power	5
Connecting audio components for COMPULINK-3 Remote Control System	5
Using the remote control	5
Names and functions of parts	6
Front panel	6
Using the amplifier	7
Listening to the desired source	7
CD DIRECT	7
PRESENCE	7
COMPULINK Remote Control System	8
COMPULINK basics	8
Connections	9
COMPULINK-3 functions	10
Remote control	11
PROGRAM play of a CD by remote control	13
Setting a preset channel by remote control	13
Troubleshooting	14
Specifications	15

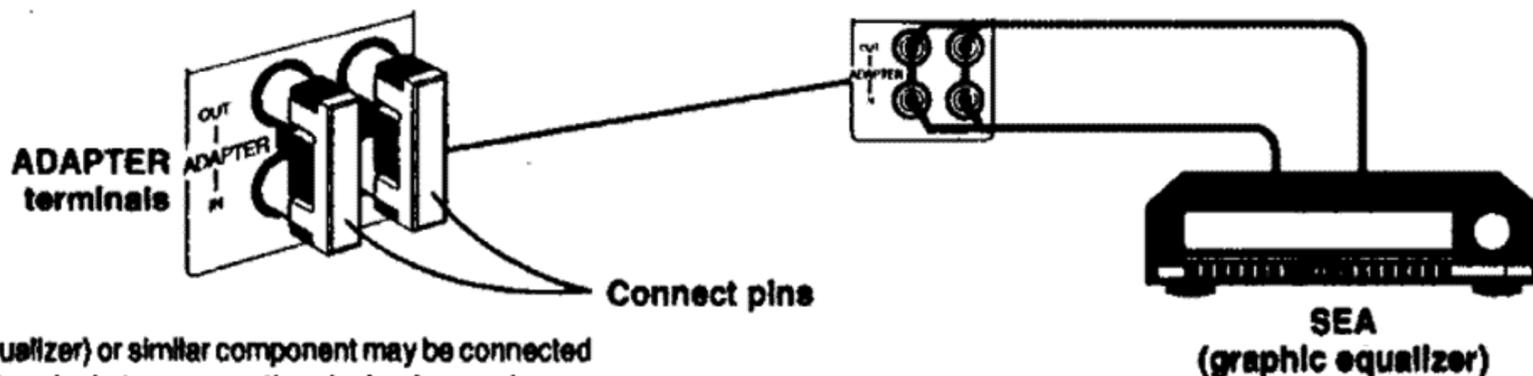
Connections

Be sure not to plug in the power cord until all other connections have been made.

Connection of other components



ADAPTER terminals



- SEA (A graphic equalizer) or similar component may be connected to the ADAPTER terminals to process the playback sound.
- When making connections to the ADAPTER terminals, first remove the connect pins and keep them in a safe place.
- Be sure to leave the connect pins in the ADAPTER terminals when not using the terminals.
- Never insert the connect pins into any other than the ADAPTER terminals as this could result in malfunction.

Supplying the AC power

Only when all the connections are completed, insert the power plug into the wall outlet. Next set the READY switch to ON. Then the STANDBY indicator lights and the setup is complete.

Connecting audio components for COMPULINK-3 Remote Control System

The COMPULINK-3 remote control system allows you to control other JVC audio components from the AX-F1GD or vice versa. To use this system, connect your JVC audio components and the AX-F1RGD with the COMPULINK cord (monaural mini-plug) supplied.

(See page 8 for details)

Using the remote control

Point the remote control towards the remote sensor of the AX-F1GD when you push the buttons. It may not work if there is an obstruction between the remote sensor and the remote control. In such a case, change the position of the machine, or remove the obstruction.

How to put batteries in the remote control

Match the polarity (+ and -) on the batteries with the + and - marking on the battery compartment.

Cautions:

Observe the following to avoid battery leakage or explosion:

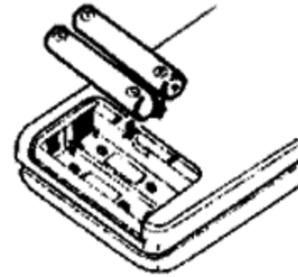
- If the range or effectiveness of the remote control decreases, replace the batteries.
- Remove batteries when the remote control will not be used for a long time.
- When you need to replace the batteries, replace both batteries at the same time with new ones.
- Don't use an old battery together with a new one.
- Don't use different types of batteries together.
- Strong impact on the remote control may cause batteries to drop out of the battery compartment.

Note

Point the remote control unit towards the remote sensor and operate it steadily and carefully. The remote control unit can be used within a range of about 7 meters (23 feet) from the remote sensor, and at angles of up to about 30 degrees.



R03(UM-4)/AAA(24F)



Names and functions of parts

Front panel

BASS

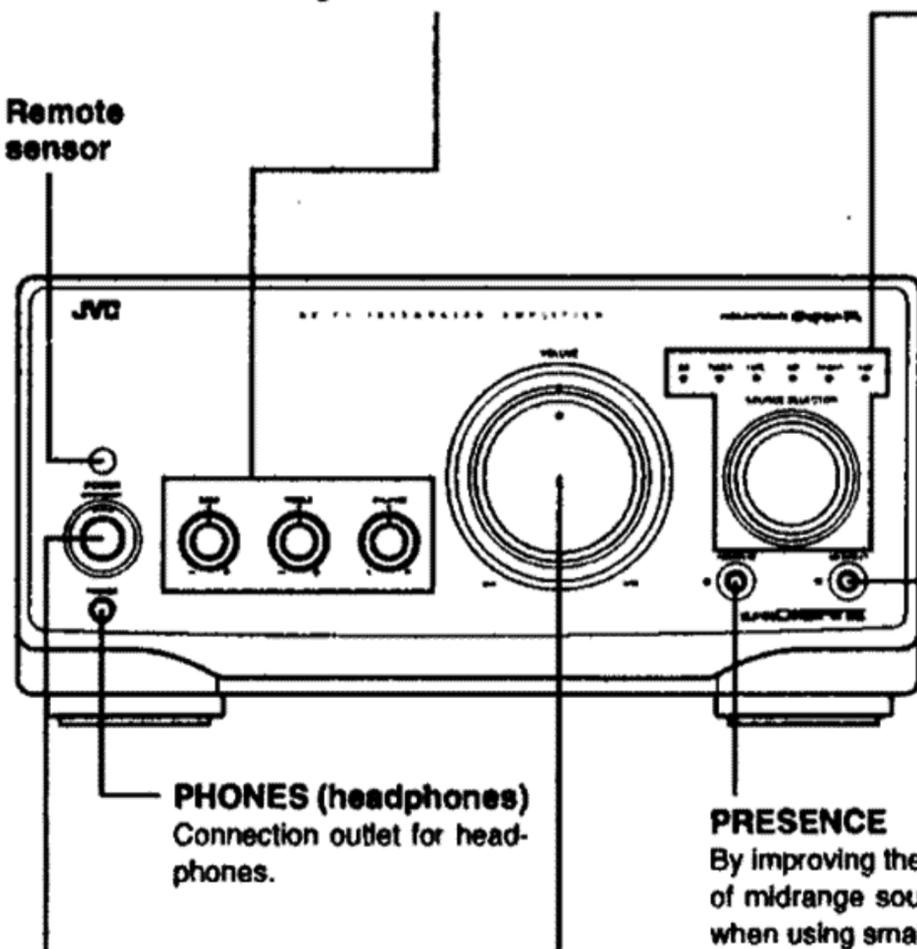
Adjusts low pitch sounds. Turn right to accentuate these sounds, and left to tone them down.

TREBLE

Adjusts high pitch sounds. Turn right to accentuate these sounds, and left to tone them down.

BALANCE

Adjusts the left/right volume balance. Turn right to lower the left channel volume. Turn left to lower the right channel volume.



POWER

The indicator goes out when turned on.
The indicator lights when turned off, the AX-F1GD goes into STANDBY.

VOLUME

Adjusts the volume of the speakers or headphones. The indicator lights when the power is turned on, and goes out when the power is turned off.

SOURCE SELECTOR

Use this to choose the source you want to listen to. The indicator for the source chosen lights on the amplifier.

- CD:** For listening to the CD player.
- TUNER:** For listening to the tuner.
- TAPE:** For listening to the cassette deck.
- MD:** For listening to an MD recorder.
- PHONO:** For listening to the record player.
- AUX:** For listening to an auxiliary component connected to the AUX terminal.

CD DIRECT

Allows the playback signal from the CD player to be output directly, without passing through the BASS, TREBLE, or BALANCE control circuits, or the PRESENCE circuit, for higher sound quality playback. The indicator lights when turned on.

PRESENCE

By improving the realism of low sounds, and clarifying the outline of midrange sounds, playback is easily heard at low volume or when using small speakers. The indicator lights when turned on.

Using the amplifier

Listening to the desired source

1. Turn the power on

- The STANDBY indicator goes off when the POWER button is pressed.
- The remote controller can also be used to turn the power on.

2. Choose the source you want to listen to

- Use the source selector to choose the source. The indicator of the chosen source lights.
- The remote control can also be used to choose the source.

3. Operate the component you chose

- Refer to the component's instructions.

4. Adjust the volume

- Use the VOLUME knob to adjust the volume.
- The remote control can also be used to adjust the volume.

5. Adjust the sound quality and balance

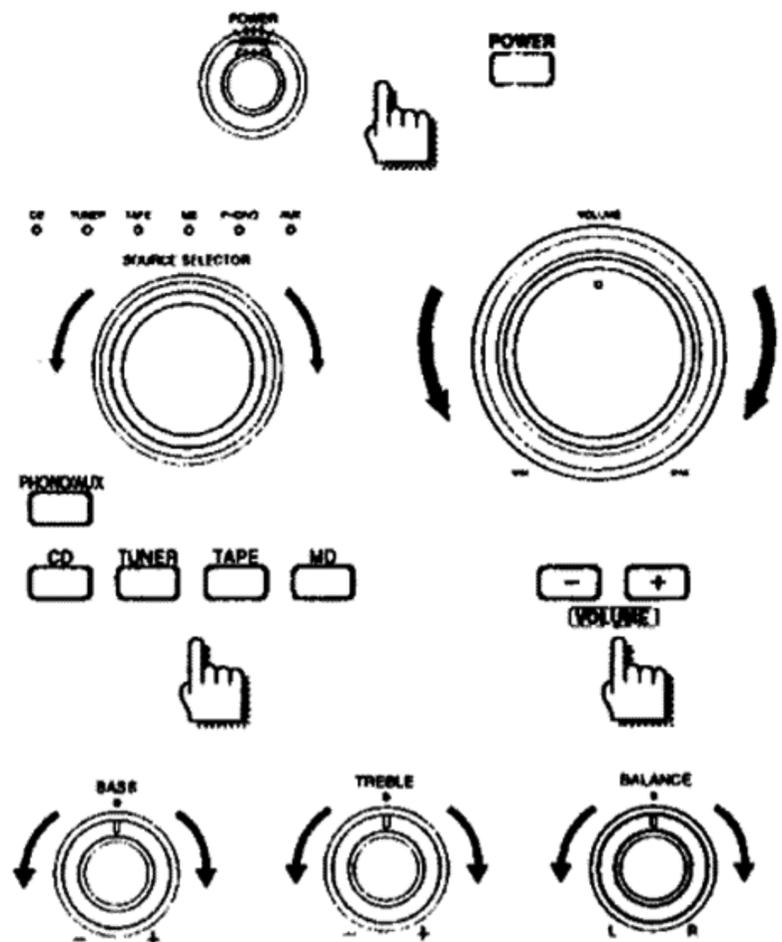
- Adjust low pitch sounds with the BASS knob.
- Adjust high pitch sounds with the TREBLE knob.
- Adjust the right/left balance with the BALANCE knob.

Sound etiquette

Listen to music at an appropriate volume that will not disturb others. Especially in the quiet of night, even quiet sounds can carry easily. To prevent a disturbance, close windows and use headphones. Take care to think of others' comfort.

Caution:

When CD DIRECT is on, adjusting BASS or TREBLE has no effect.



CD DIRECT

The playback signal from the connected CD player is output directly, without passing through the BASS, TREBLE, BALANCE control circuits, or PRESENCE circuit, to provide higher sound quality.

1. Press CD DIRECT

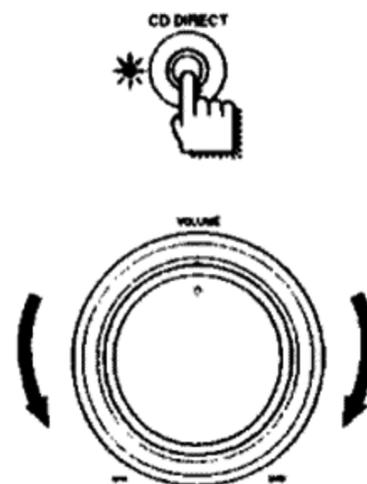
- The indicator lights.

2. Adjust the volume

- Adjust the volume using the VOLUME knob.

Caution:

- When CD DIRECT is on, adjusting BASS, TREBLE or BALANCE has no effect.
- Turning on CD DIRECT when PRESENCE is on turns off PRESENCE.
- If you want to listen to an MD, set the CD DIRECT button to OFF. Sound does not come out when the button is set to ON.



PRESENCE

By improving the realism of low sounds, and clarifying the outline of midrange sounds, playback is easily heard at low volume or when using small speakers.

1. Press PRESENCE

- The indicator lights

Caution:

- Turning on PRESENCE when CD DIRECT is on turns off CD DIRECT.



COMPULINK Remote Control System

This section describes operation of the amplifier when the separately sold JVC audio components are synchro connected (COMPULINK-3).

COMPULINK basics

The following section describes the COMPULINK Remote Control System. In these instructions we refer to the COMPULINK Remote Control System as 'COMPULINK' for convenience sake.

Buying a separate MD recorder, CD player, amplifier or other components to enjoy just the combination you want is a good way to get high-quality sound. However, since each component has to be operated individually, this method has the drawback of difficult operation. JVC's COMPULINK Remote Control System meets the demand for a system made up of single components and has the ease of operation of a single unit.

Products that are compatible with COMPULINK have terminals marked either COMPULINK-1, COMPULINK-2, or COMPULINK-3 (referred to collectively as COMPULINK terminals). When components are linked by the COMPULINK terminals, simple operations like those of a single unit component system can be achieved.

About the COMPULINK version

- Three versions

There are three versions of COMPULINK currently on sale by JVC. These are COMPULINK-1, COMPULINK-2, and COMPULINK-3. COMPULINK-3 is the newest version, with more functions than COMPULINK-1 and COMPULINK-2.

- Distinguishing versions

The version is displayed at the terminals of the components.

Caution:

COMPULINK-3 components may be connected to other version components, but in this case the newest functions may not work.

COMPULINK 3 functions

The following is a brief overview of COMPULINK-3 functions.

One press play

This function lets you listen without operating the amplifier, just by putting the source component (the component which plays the sound source such as the CD player or MD recorder) into play mode.

Synchro recording

Allows recording to start automatically when the source starts playing.

Timer operation

Recording or playback can be made to start at a preset time using the timer function built into the tuner.

Total operation by remote control

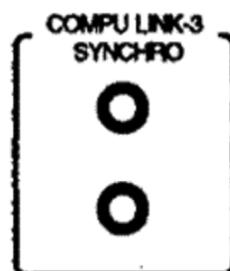
All source components, such as the CD player and cassette deck, can be operated by one amplifier remote control.

See the amplifier's instructions for how to use the remote control.

Minidisc recorder automatic input switching

When the setting of the input selector in the minidisc is set to digital input, digital input is done only when the amplifier's source selector is set to CD. When it is set to other sources, analog input is done. This saves the labor of switching every time.

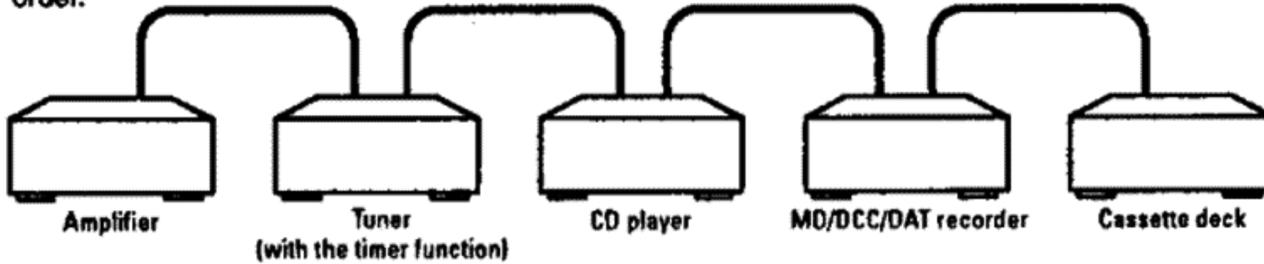
COMPULINK
Remote Control System



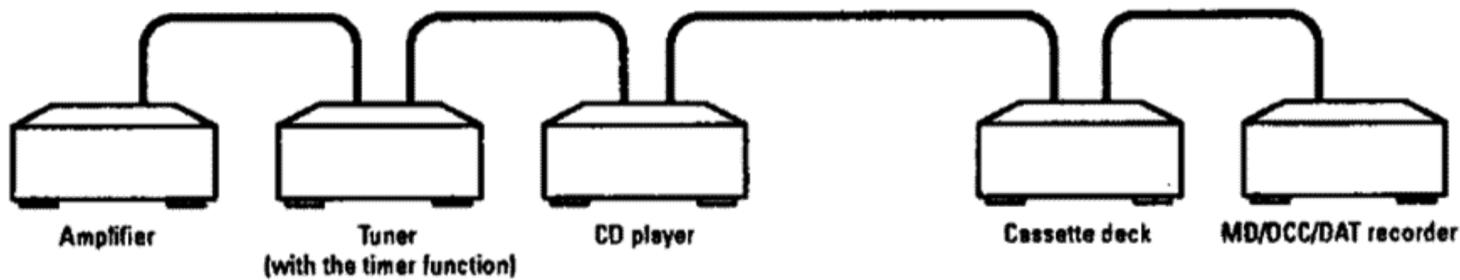
Connections

Connection example

This is the basic connection example of the JVC audio components. Connection is done so that all functions are bridged. There is no set order.



Some record players or MD recorders only have one COMPULINK terminal. In those cases, branch the connections as shown in the diagram below.



Connect the COMPULINK terminals of each component to each other using the connection cable with mono mini plugs.

- When there is more than one COMPULINK terminal, any terminal can be used.
- Plug the power plugs of each component into the UNSWITCHED outlet or a wall outlet. If components are plugged into the SWITCHED outlet, COMPULINK functions will not work normally.
- If there are no input/output terminals for an MD recorder or DCC deck on the amplifier, use the DAT terminals. If other terminals are used, COMPULINK will not work normally.

Cautions:

- Among MD recorders, DCC decks and DAT decks, two different types of components cannot be connected in the COMPULINK system at the same time. Select the more commonly used component to connect.
- If the amplifier is not connected, only the 'synchro recording' function will work.
- The 'timer operation' function will only work if a tuner with a timer function is connected.

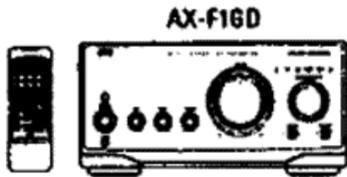
COMPULINK-3 functions

See pages 8, 9 for information on making synchro connections.

1. System power on/STANDBY

When the power of the AX-F1GD or its remote control is turned on/off,

If turned on, the power of the AX-F1GD and corresponding components are turned on. If turned off, the system is turned off.



2. Synchro recording of CDs

When REC PAUSE is pressed on the cassette deck or MD recorder (recording standby mode),

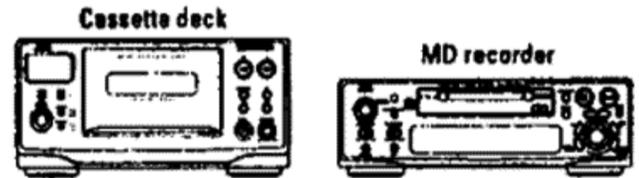
When the CD you want to record is played in the CD player, the cassette deck starts recording. Recording source cannot be changed on the amplifier during synchro recording.



3. Timer recording

When the REC TIMER on the tuner is set (to record a radio broadcast),

Recording starts when the recording time is reached.



4. Timer play

When the DAILY TIMER on the tuner is set,

When the timer reaches the ON time, the system's power is turned on, and the playback from the chosen source starts.

When the timer reaches the OFF time, playback from the chosen source stops, and all power is turned off.



5. Minidisc recorder automatic input switching

To have the minidisc recorder input switched automatically: With the automatic input switching function, you can save the trouble of first having to change the input selector setting each time you record to a minidisc.

Set the minidisc recorder's input selector for digital input (DIGITAL IN)

Input will be digital only when the amplifier's source selector is set to CD, and will be analog for all other settings. When the minidisc recorder's input selector is set for analog input (ANALOG IN), all input will be analog.

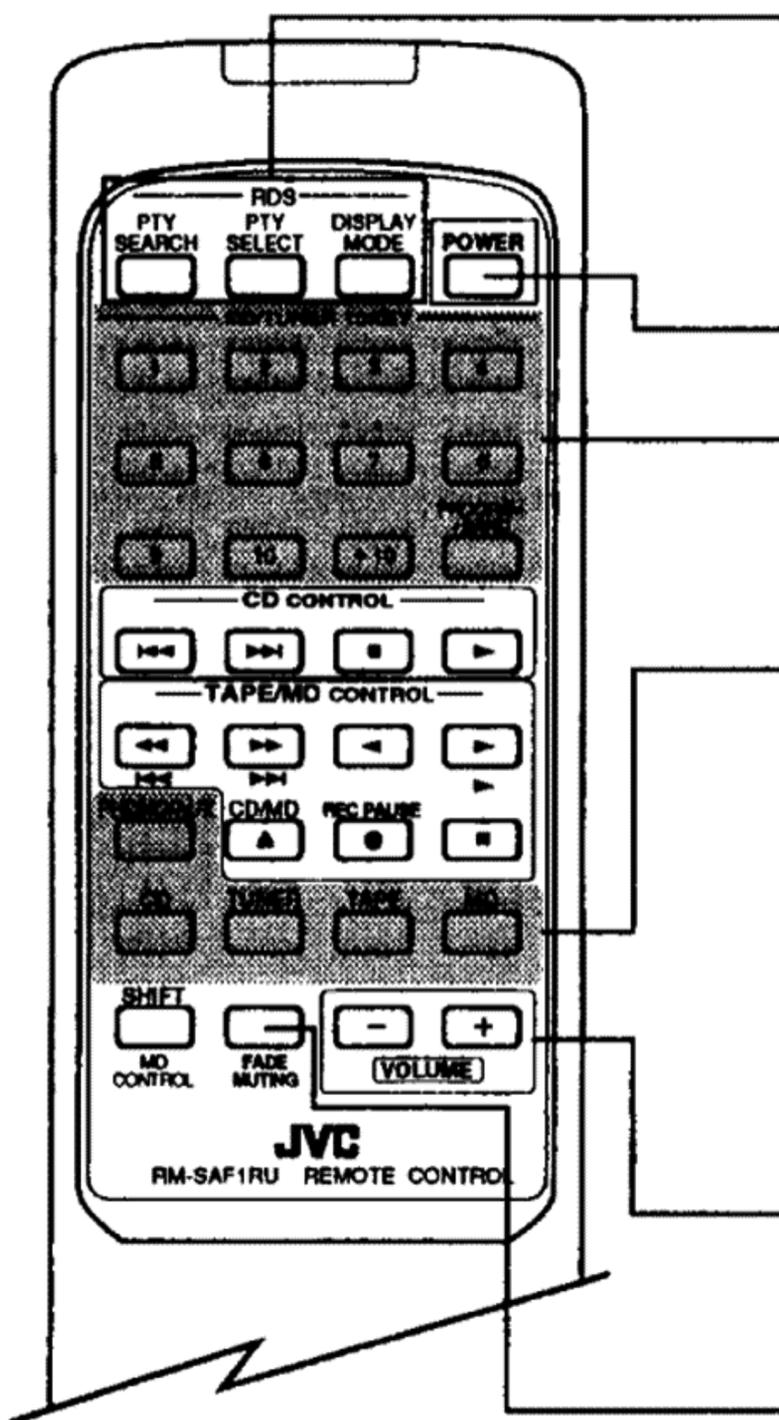
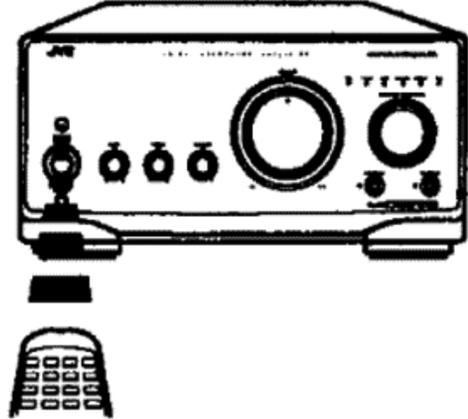
Caution:

For information about coordinated operation by the COMPULINK-3 remote control system, see the instructions of the separately sold JVC audio components.

Remote control

When the COMPULINK-3 remote control system is missing, the only functions which can be done with the amplifier's remote control are POWER, SOURCE SELECTOR, VOLUME and FADE MUTING.

Point the end of the remote control at the amplifier's remote sensor and press the buttons correctly. If the remote control is used from an angle, the signal may not register, so try to have it contact straight on, as much as possible. Make sure there are no obstructions between the amplifier and remote control.



RDS (Radio Data System)

These buttons are for use of a tuner with RDS functions.

PTY SEARCH : Used for searching for a program by setting a PTY code.

PTY SELECT : Select a PTY code.

DISPLAY MODE : Changes the display indications from the time to the station information.

POWER

Turns on the unit or puts it in STANDBY mode.

TUNER 10KEY

After selecting the tuner, the 1 to 10, +10 and BAND keys can be used to operate the tuner.

1 to 10, +10: Used for selecting a preset channel

BAND: Used to choose AM or FM

SOURCE SELECTOR

Used to choose the source you want to listen to.

The indicator for the source chosen lights on the front panel.

CD: For listening to the CD player.

TUNER: For listening to the radio.

TAPE: For listening to the cassette deck.

MD: For listening to an MD.

PHONO/AUX: For listening to the record player or an auxiliary component connected to the AUX terminal.

CD/MD▲: Opens or closes the CD tray. With the SHIFT button pressed, ejects or loads an MD.

VOLUME

Adjusts the volume of the speakers or headphones.

-: Lowers the volume.

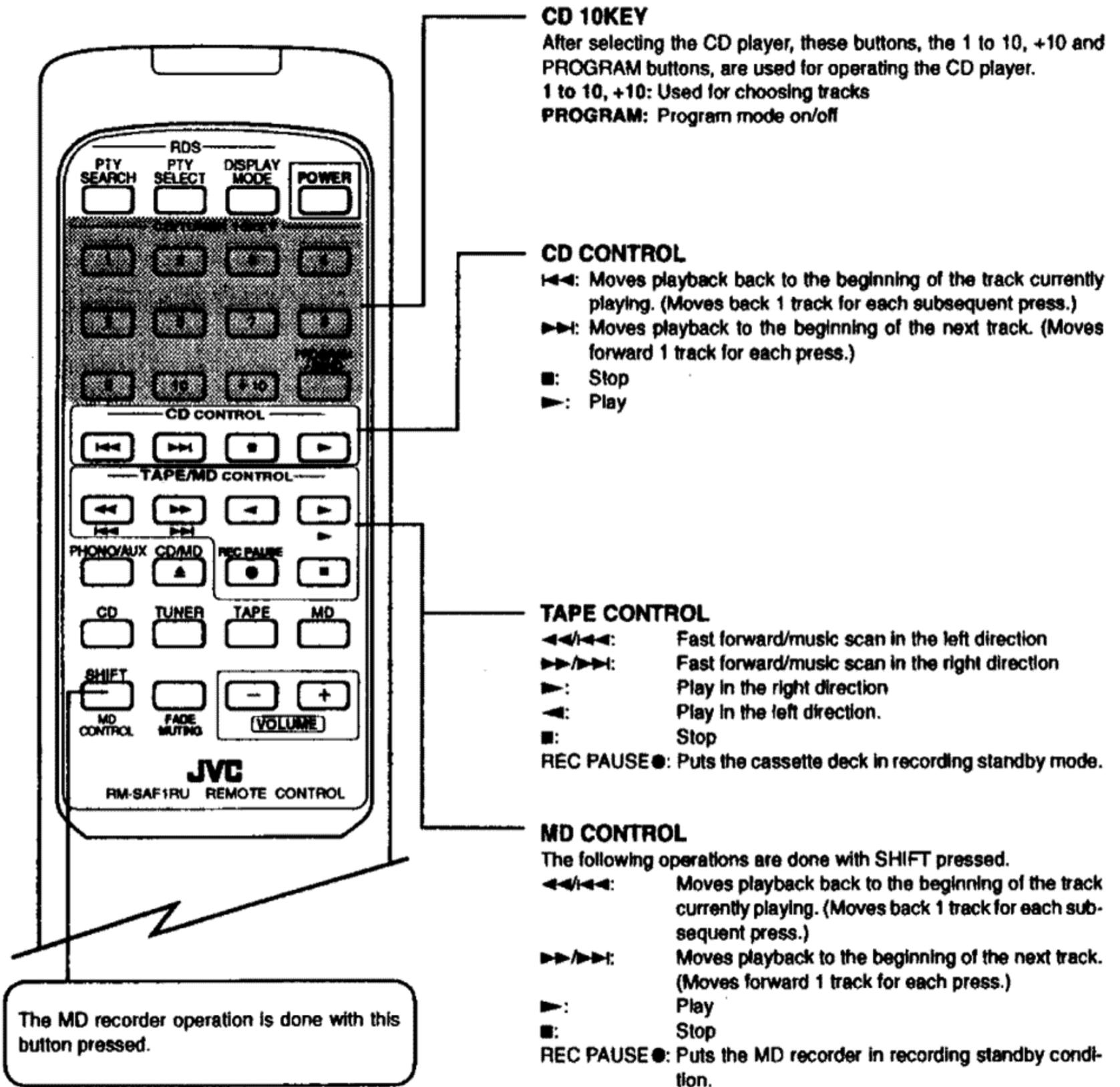
+: Raises the volume.

FADE MUTING

Turns off the volume.

One press play (with the AX-F1GD in STANDBY)

- When TUNER is pressed, the power of the amplifier and the tuner turns on and receive the station last tuned in.
- When TAPE or the cassette deck's play button (◀ or ▶) is pressed, the power of the amplifier and the cassette deck turns on and a tape is played.
- When CD or the CD player's play (▶) button is pressed, the power of the amplifier and the CD player turns on and playback starts.
- When PHONO/AUX is pressed, the amplifier is turned on.
- When MD or the MD recorder play button (▷/■) is pressed, the power of the amplifier and MD recorder turns on and playback starts.



PROGRAM play of a CD by remote control

1. Press CD

Select the CD player as an input source.

Caution:

PROGRAM play cannot be set while playing a CD. So stop playback of a CD before setting the program.

2. Press PROGRAM/BAND

The PROGRAM indicator on the CD player lights.

3. Specify a track number with the CD/TUNER 10 KEY buttons from 1 to 10 and +10

For the 5th track on the CD, press "5"

For the 20th track, press "+10", and then "10".

For the 25th track, press "+10" twice, and then "5".

PROGRAM play can be done for up to 32 tracks. Each time a track is specified, the programmed track numbers and number of programmed tracks are displayed.

4. Press the play ► button

PROGRAM play starts.

To confirm a program

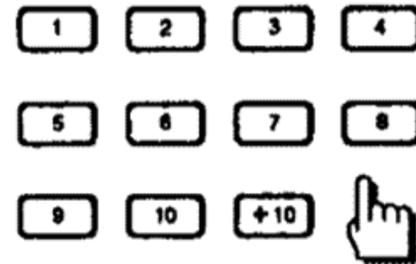
- You can check the tracks programmed by pressing ◀◀ or ▶▶ when the CD is not playing.

To cancel a program

- Press PROGRAM/BAND when the CD is not playing.
- The CD player's PROGRAM indicator goes out, and the program is completely canceled.

Caution:

The program is not canceled even if stop ■ is pressed.



Setting a preset channel by remote control

1. Press TUNER

Select the TUNER as an input source.

2. Press PROGRAM/BAND

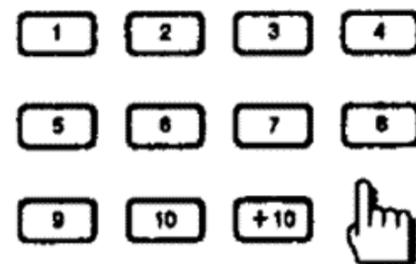
Used to choose AM (MW/LW) or FM

3. Specify a preset channel with the CD/TUNER 10 KEY button.

For the 5th channel on the AM (MW/LW) or FM, press "5".

For the 20th channel, press "+10", and then "10".

For the 25th channel, press "+10" twice, and then "5".



Troubleshooting

- If you are having a problem with your AX-F1GD, check this list for a possible solution before calling for service.
- If you cannot solve the problem from the hints given here, or the Unit has been physically damaged, call a qualified person, such as your dealer, for service.

SYMPTOM	POSSIBLE CAUSE	ACTION
There is no sound	<ul style="list-style-type: none">• Connections are Incorrect.• The AX-F1GD is selecting another component.	<ul style="list-style-type: none">• Connect the cords correctly.• Set amplifier's SOURCE SELECTOR to the correct setting.
Sound only comes out of one speaker	<ul style="list-style-type: none">• The BALANCE knob is set to right or left.	<ul style="list-style-type: none">• Adjust the BALANCE knob.
BASS, TREBLE and BALANCE knobs don't work	<ul style="list-style-type: none">• CD DIRECT is set to ON.	<ul style="list-style-type: none">• Turn off the CD DIRECT.
The remote control doesn't work	<ul style="list-style-type: none">• There are obstacles between the remote control and the remote sensor.• Dry batteries have run out.	<ul style="list-style-type: none">• Remove obstacles between the remote control and amplifier.• Replace old batteries with new ones.

Specifications

Output Power (IEC 268-3/ DIN):	50 watts per channel into 4 ohms at 1 kHz with no more than 0.7% total harmonic distortion.
(JVC Audio Analysis System):	40 watts per channel, min. RMS, both channels driven into 6 ohms from 20 Hz to 20 kHz, with no more than 0.03% total harmonic distortion. 40 watts per channel, min. RMS, both channels driven into 6 ohms at 1 kHz with no more than 0.01% total harmonic distortion.
Total harmonic distortion CD DIRECT in, SPEAKERS out:	0.003% at 40 watts (at 1 kHz, 6 ohms loaded) 0.03% at 40 watts (from 20 Hz to 20 kHz, 6 ohms loaded)
CD, TUNER, AUX, TAPE, MD in, SPEAKERS out:	0.01% at 40 watts (at 1 kHz, 6 ohms loaded) 0.03% at 40 watts (from 20 Hz to 20 kHz, 6 ohms loaded)
PHONO in, SPEAKERS out:	0.05% at 40 watts (from 20 Hz to 20 kHz, 6 ohms loaded - 17 dB volume)
Damping Factor:	80 (1 kHz, 8 ohms)
Power bandwidth:	20 Hz to 20 kHz (IHF, both channels driven into 6 ohms, with no more than 0.05% total harmonic distortion)
Signal-to-noise ratio ('66 IHF/ DIN) PHONO (MM):	73 dB/ 72 dB
CD, TUNER, AUX, TAPE, MD:	90 dB/ 75 dB
CD DIRECT:	105 dB/ 75 dB
Input Sensitivity/ Impedance (1 kHz) PHONO (MM):	2.5 mV/ 47 k ohms
CD, TUNER, AUX, TAPE, MD:	200 mV/ 47 k ohms
Output Level/ Impedance (1 kHz) MD:	200 mV/ 740 ohms
Tone control range BASS:	±8 dB at 100 Hz
TREBLE:	±8 dB at 10 kHz
Frequency Response (6 ohms):	10 Hz to 70 kHz (+0 dB, -3 dB)
PHONO overload capacity (PHONO in, TAPE, MD REC out):	100 mV (with no more than 0.1% total harmonic distortion)
RIAA phono equalization:	±0.5 dB (20 Hz to 20 kHz)
Power Requirement:	AC 230 volts ^v , 50 Hz
Power Consumption:	120 watts 8.5 watts (STANDBY)
Dimensions (W x H x D):	245 x 120 x 309.5 mm 9-11/16 x 4-3/4 x 12-3/16 inches
Mass:	4.9 kg (10.8 lbs)

Design and specifications subject to change without notice.