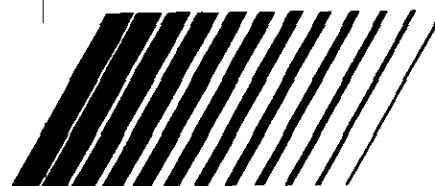


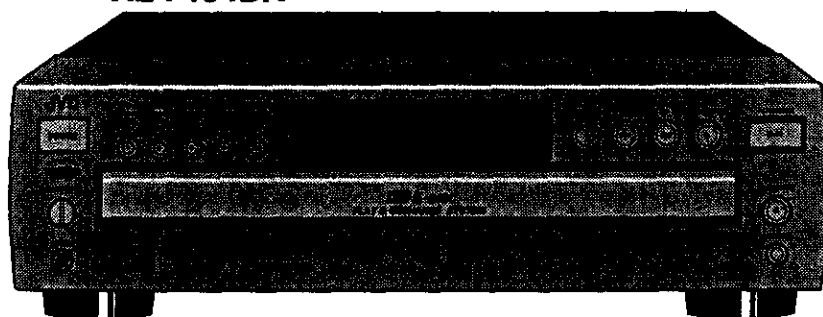
# JVC



## COMPACT DISC AUTOMATIC CHANGER

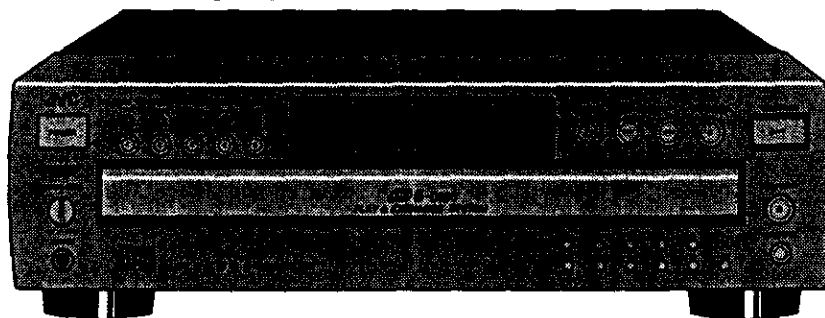
# XL-F154BK / XL-F254BK

**XL-F154BK**



COMPACT  
**disc**  
DIGITAL AUDIO

**XL-F254BK**



**COMPU LINK**  
Component



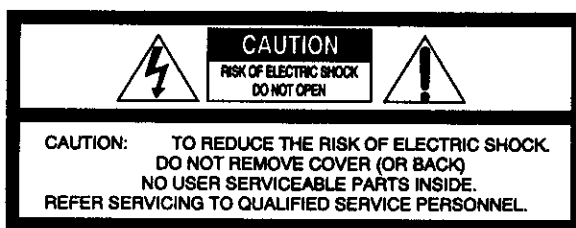
## INSTRUCTIONS

**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. \_\_\_\_\_

## Warnings, Cautions and Others



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.

### 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 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.

**WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, 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 XL-F254BK.

### IMPORTANT FOR LASER PRODUCTS

1. CLASS 1 LASER PRODUCT
2. **DANGER:** Invisible laser radiation when open and interlock failed or defeated. Avoid direct exposure to beam.
3. **CAUTION:** Do not open the top cover. There are no user serviceable parts inside the Unit; leave all servicing to qualified service personnel.

### 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.

*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.*

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# INTRODUCTION

## Precautions

### Load compact discs only

Never insert anything other than compact discs into any part of the player.

### If a problem persists

If something goes wrong, turn off the power immediately. If the same problem reoccurs when the power is turned on once more, turn off the power again and consult your JVC dealer.

### Handling the power cord

When unplugging from the wall socket, always pull the plug body, never the power cable.

### Volume settings

A CD player has almost zero background noise. Because of this, the technique of listening to the background level and then setting the volume before the music starts, as used with analog turntables or tape decks, cannot be used. If you raise the volume level too high, speaker damage may result.

### Condensation

The CD player uses optical components. If it is moved from a cold location to a warm one, or is used in a room subject to excessive humidity or where a fire has just been lit, condensation could form on the optical components.

This may prevent the laser beam from being properly transmitted and thus causes noise or even a malfunction.

If condensation has formed and the CD player does not function correctly, we recommend that you leave it turned on for an hour or two. If at the end of this time the CD player still does not function properly, please consult your JVC dealer.

### Transporting the unit

When carrying this unit, it is best to avoid either tilting it or turning it upside-down. Where you cannot avoid doing so, please remove the discs first.

### Using compact discs

Compact discs are made of plastic and can easily be damaged. If the disc is dirty, scratched, warped or otherwise damaged, the digital information may not be picked up correctly.

### Applicable discs

This unit can only be used with compact discs bearing the mark below. Never use discs of other types.



## About this manual

This manual covers the operating instructions for the compact disc automatic changers XL-F254BK and XL-F154BK.

There are several functions which require separate instructions for each model. Please check the model number stated on the carton box and follow the descriptions applicable to your unit.

**Especially, please note that the remote control unit RM-SX254U is supplied only with XL-F254BK.** For XL-F154BK, ignore all the descriptions on the remote control unit.

### This manual is organized as follows:

The first part, "INTRODUCTION", gives you the precautions when using this unit, and shows you the names of buttons on the main unit and the remote control unit.

The second part, "BEFORE USING FOR THE FIRST TIME", tells you what kind of operations you should do before playing discs. This part describes where to place the unit for best results, how to install batteries in the remote control unit and how to connect this unit to the amplifier/receiver and other components.

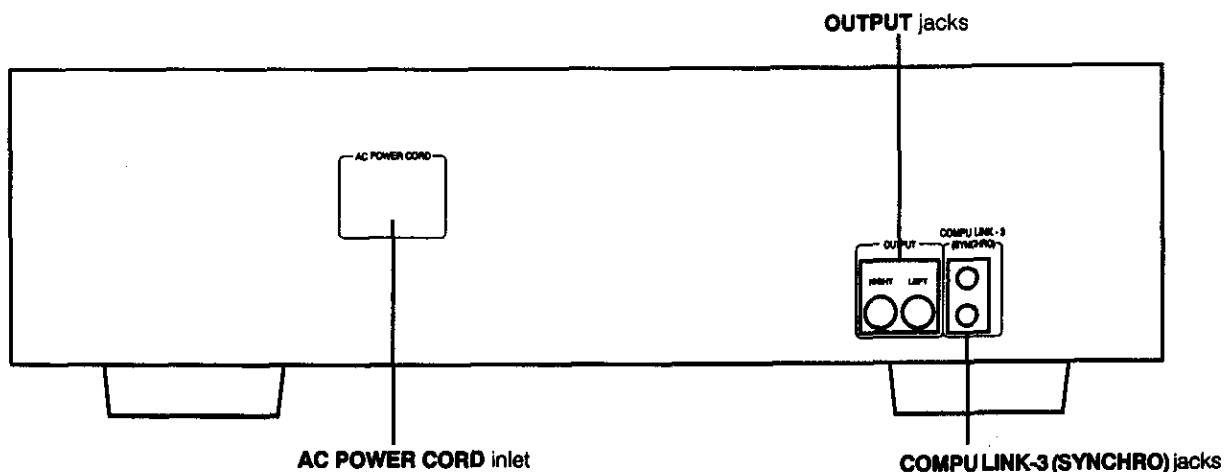
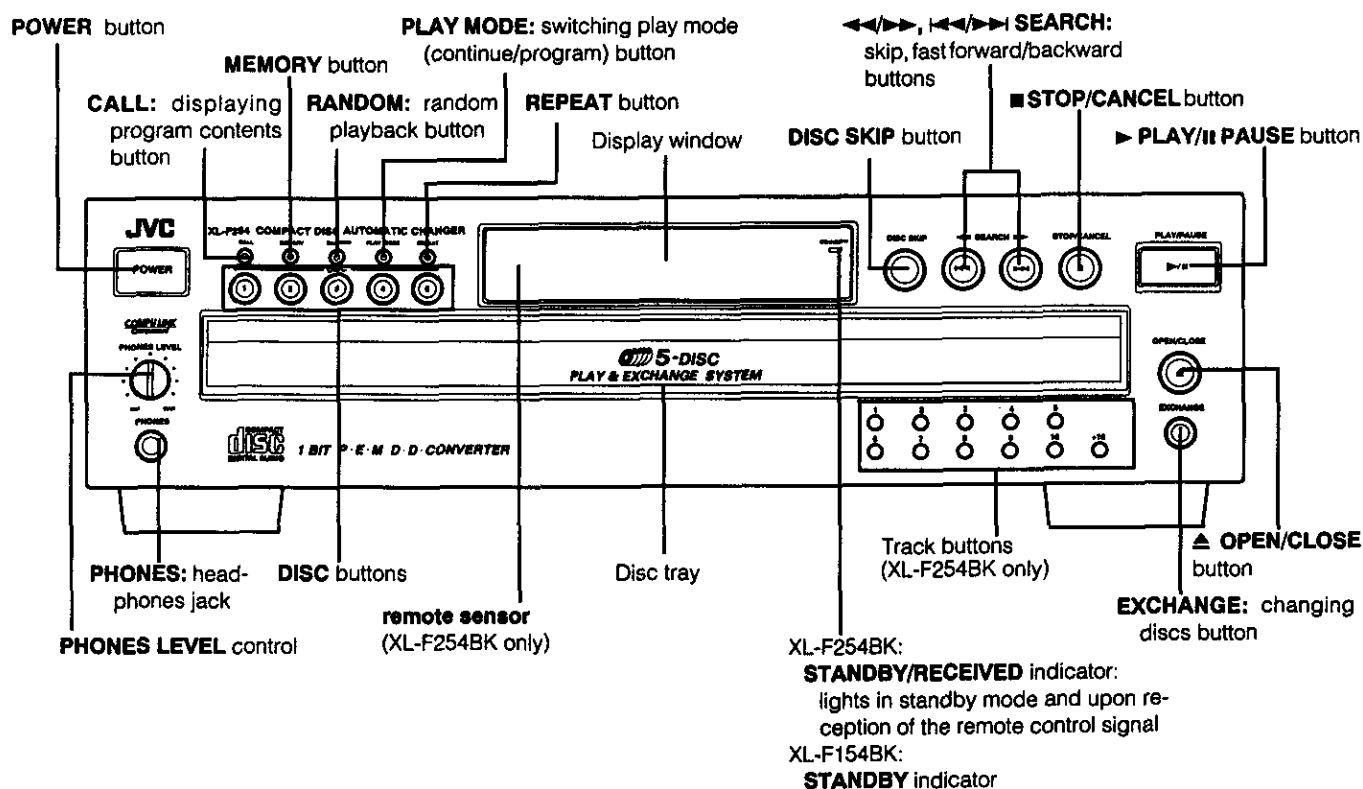
The third part, "BASIC OPERATIONS", describes how to load discs, and convenient basic functions for playing discs.

The fourth part, "VARIOUS PLAYBACK PATTERNS", describes various functions for playing discs, and convenient functions for recording.

The fifth part, "GENERAL INFORMATIONS", describes the COMPU LINK remote control system which facilitates various operations between JVC components, and explains how to take care of discs. This part also includes "Troubleshooting", which tells you how to check the unit when a malfunction occurs, and the technical informations regarding this unit.

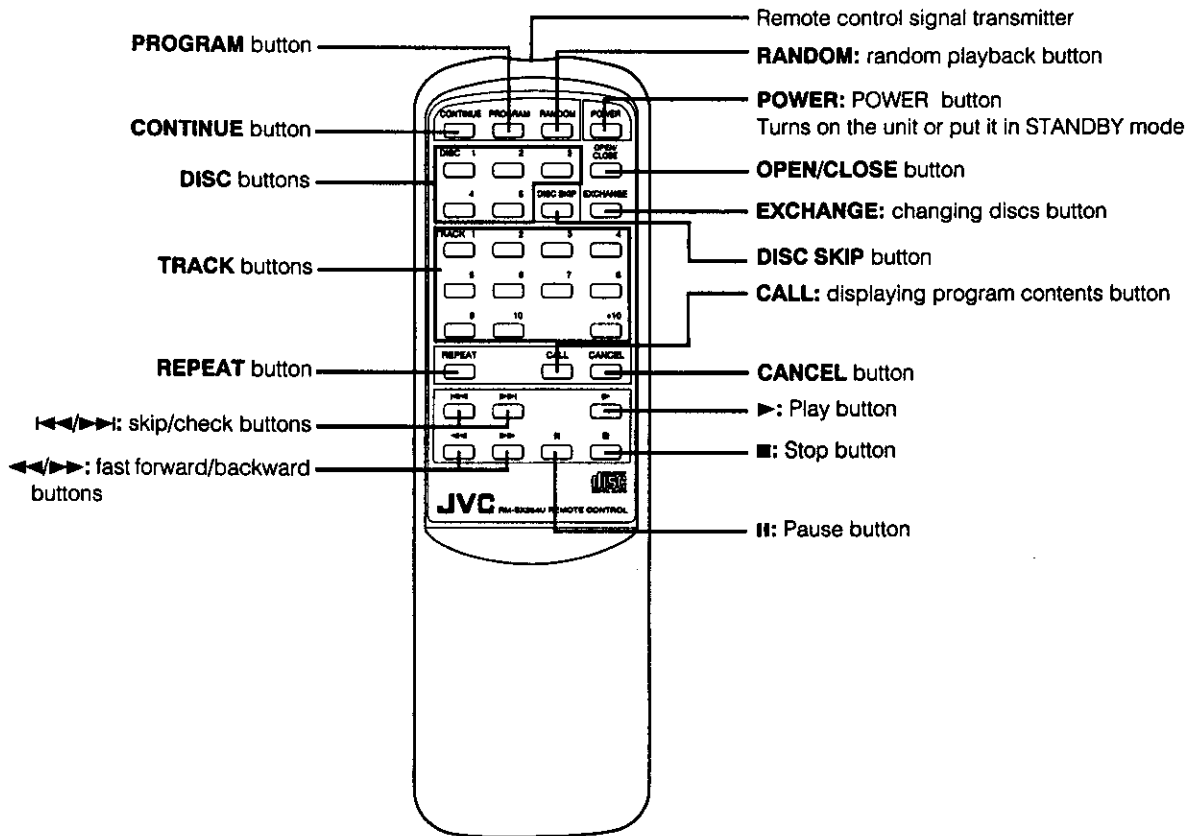
# Names of buttons

## Main unit

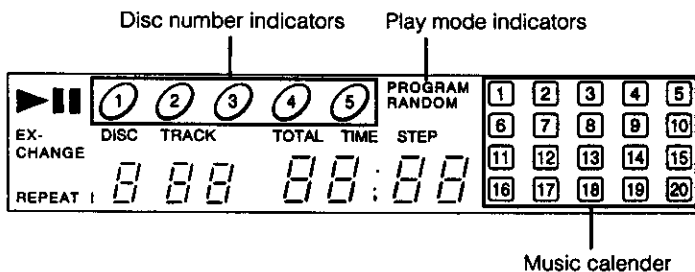


# INTRODUCTION

## Remote control unit (for XL-F254BK)



## Display window



### Notes on the disc number indicators

- When the power is turned on or the disc tray is closed with the ▲ OPEN/CLOSE button, the unit searches for loaded discs starting from the disc tray 1. When no disc is loaded, the disc number disappears from the display and unit goes on searching for the next tray.
- When no disc is loaded in the unit, "no disc" appears on the display.
- In continue play mode, when playback of one disc is finished, the circle around the corresponding disc number disappears.
- In program mode, circle appears around the disc number selected at that moment.
- When the EXCHANGE button is pressed, the indication of the disc numbers is reset to the original status and all the disc numbers (1-5) with their circle appear on the display.

# BEFORE USING FOR THE FIRST TIME

## Installing the unit

### Best location

Select a location which is level, dry and neither too cold nor too hot (temperature range 5°C (41°F) to 35°C (95°F)). Also, avoid dusty locations or any location subject to vibration.

### If interference occurs

If this unit is placed near a tuner or a radio receiver tuned to AM frequencies, interference may occur. If this happens, we recommend either that you move this unit as far away as possible from the tuner or receiver or briefly turn off the power to this unit.

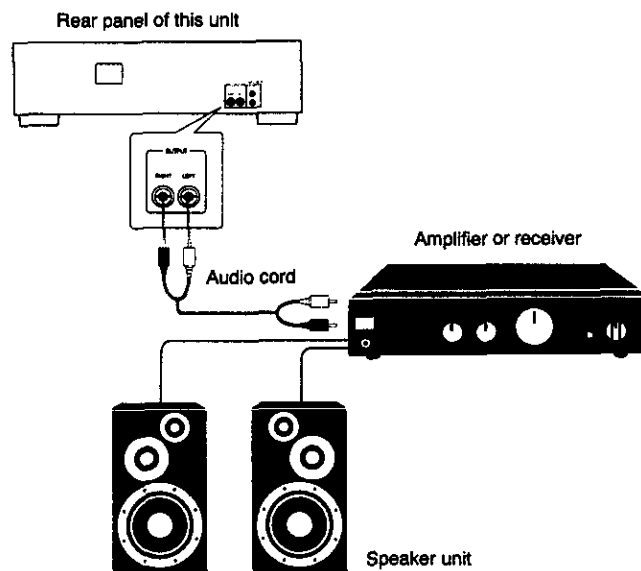
## Connecting to other equipments

Connecting to an amplifier or receiver allows you to listen to the sound from the speakers.

Connect the OUTPUT jacks of this unit to the line input jacks of an amplifier or receiver with the supplied audio cord.

### Notes

- Never connect the OUTPUT jacks to the PHONO jacks of the amplifier or receiver. This may cause damage to the components.
- Make sure that the same channels are connected between this unit and the amplifier or receiver: LEFT to LEFT and RIGHT to RIGHT.
- Do not connect the power plug until all connections are complete.
- Connect the plugs firmly. Loose connections may cause noise or malfunction.



## BEFORE USING FOR THE FIRST TIME

# Supplying the power

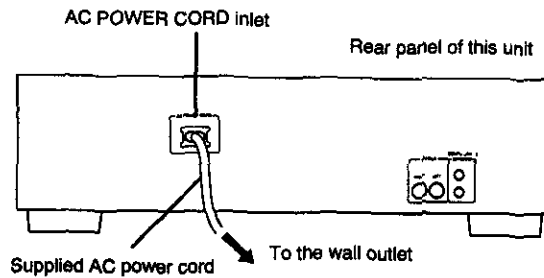
### To connect the AC power cord of the main unit

The AC power cord is supplied separately and must be connected to the unit.

Plug the AC power cord into the AC POWER CORD inlet of this unit and connect to the wall outlet after all connections are complete.

#### Note

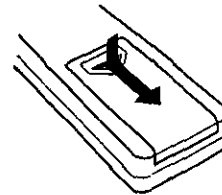
When using the COMPU LINK Remote Control System, do not connect the power cord to the SWITCHED AC OUTLET of an amplifier or receiver.



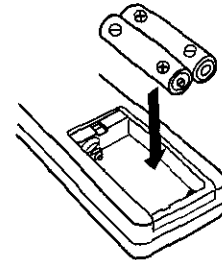
### To install the batteries in the remote control unit (for XL-F254BK)

Before operating the remote control unit, install two batteries.

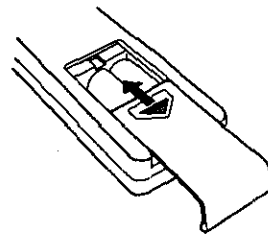
1. Remove the rear cover of the remote control unit by pressing down and simultaneously pulling it backwards.



2. Install batteries. Be sure that the batteries are installed with correct polarity, (+) and (-).



3. Attach the rear cover by sliding it back into position.



#### Notes

Incorrect use of batteries can cause corrosion or damage. Note the following points to lengthen battery life.

- Install batteries observing the correct polarity, (+) and (-).
- Do not use new and old batteries simultaneously.
- Batteries with similar shapes may have different voltage ratings. Be sure to use the correct batteries.
- Remove batteries from the remote control unit if it will not be used for a long period of time.
- Do not expose batteries to heat or flame.

#### Battery replacement

Service life of batteries depends on the condition of use; standard life is about one year. When the batteries become weak, the operating distance of the remote control unit becomes short. If this happens, replace the batteries R6P(SUM-3)/AA(15F) with new ones.

#### Note

The lower the temperature, the shorter the battery life.

## COMPU LINK connection

JVC's COMPU LINK Remote Control System provides unified control over system components connected with COMPU LINK. Connecting JVC audio components with the COMPU LINK jacks automatically controls relative operations between components and facilitates various operations. With the COMPU LINK connection to an amplifier or receiver, you can operate XL-F254BK/XL-F154BK with the amplifier or receiver's remote control unit. Synchronized recording is also available with this feature.

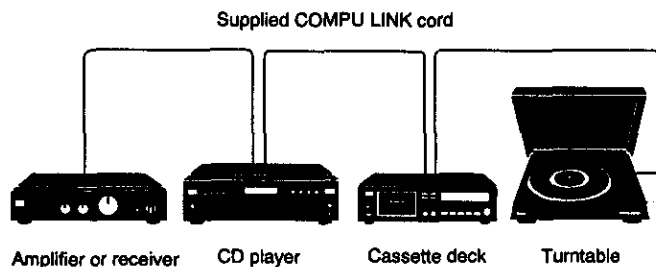
### Connecting the COMPU LINK cord

The COMPU LINK-3 SYNCHRO jacks are used to output and input the control signal for the COMPU LINK remote control system.

COMPU LINK-compatible products are provided with the jacks marked COMPU LINK-1, COMPU LINK-2 or COMPU LINK-3, referring to the COMPU LINK version. XL-F254BK/XL-F154BK is equipped with COMPU LINK-3. You can connect XL-F254BK/XL-F154BK also to a component with lower COMPU LINK versions. But, in that case, only the lower versions' features will be available.

Plug the supplied COMPU LINK cord into the COMPU LINK-3 SYNCHRO jack on the rear panel of XL-F254BK/XL-F154BK. Plug the other end into the COMPU LINK jack of the other component. If there are two COMPU LINK jacks, plug it into either of them.

### Connecting the COMPU LINK system components with the COMPU LINK cords

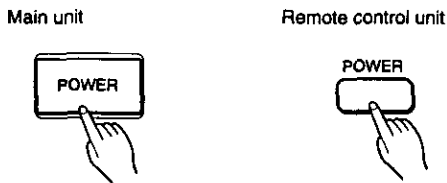


# BASIC OPERATIONS

## Basic functions for disc playback

### Turning on the power of this unit

Press the **POWER** button to turn on this unit. The **STANDBY** indicator is turned off and the display is turned on.



Press again to turn off the power and activate the standby mode. The **STANDBY** indicator is lit.

The power is automatically turned on also by:

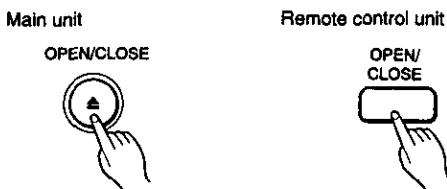
- Pressing the **▲ OPEN/CLOSE** button.
- Pressing the **▶ PLAY/|| PAUSE** button on the main unit or the **▶** button on the remote control unit.

#### Notes

- A small amount of power (4 watts) is consumed even in the standby mode.
- To turn off the power completely, disconnect the power cord from the wall outlet.

### Loading discs in the disc tray

Use the **▲ OPEN/CLOSE** button to open and close the disc tray.



1. Open the disc tray by pressing the **▲ OPEN/CLOSE** button.
2. Place discs on the disc tray according to the groove with their label side up.
  - To turn the disc tray and locate the disc tray to the just facing you, Press **DISC SKIP** button.
3. Close the disc tray by pressing the **▲ OPEN/CLOSE** button.

#### CAUTION

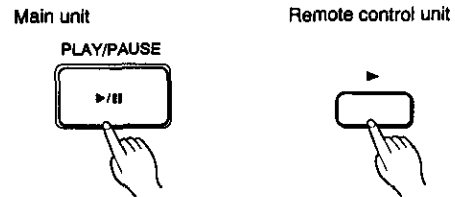
When loading discs in the disc tray, be sure to put the discs according to the groove. Otherwise, the discs will be damaged when the disc tray is closed, and cannot be removed from the unit.

### Remote control operation (for XL-F254BK)

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.

### Playing a disc

Press the **▶ PLAY/|| PAUSE** button on the main unit or the **▶** button on the remote control unit.



The **▶** indicator lights on the display and playback starts.

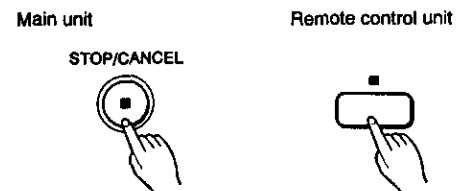
To stop playback temporarily, press the **▶ PLAY/|| PAUSE** button on the main unit or the **||** button on the remote control unit. The **||** indicator lights on the display and playback stops temporarily. To resume playback, press the **▶ PLAY/|| PAUSE** button on the main unit or the **▶** button on the remote control unit.

#### Adjusting the headphones level

Insert the headphones plug into the **PHONES** jack and turn the **PHONES LEVEL** control to adjust the volume level.

### Stopping playback

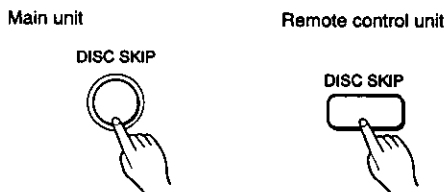
Press the **■ STOP/CANCEL** button on the main unit or the **■** button on the remote control unit.



## Locating a point to start playback

### Skipping to a desired disc

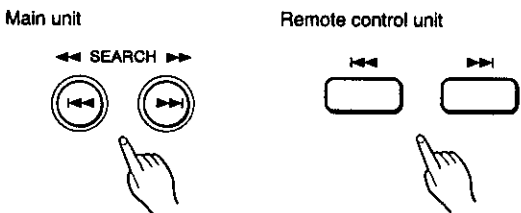
Press the **DISC SKIP** button.



Each time the DISC SKIP button is pressed, the selected disc number changes from 1 to 5, then back to 1.

### Skipping to a desired track

Press the **SEARCH** buttons.



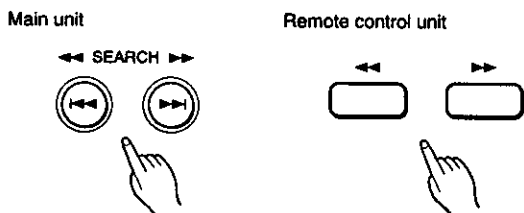
To skip back to the beginning of the track being played, tap the **SEARCH** button with double left arrows. When the beginning of the track is reached, tapping this button again skips to the previous track.

To skip to the next track, tap the **SEARCH** button with double right arrows.

When using the **SEARCH** buttons on the main unit, tap them until the desired track appears.

### Searching for a desired section

Press the **SEARCH** button pressed during playback.

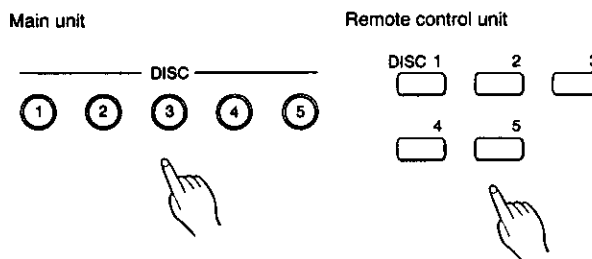


When playback advances or reverses rapidly.

While the **SEARCH** button with double left arrows is kept pressed, playback rapidly reverses toward the beginning of the track. While the **SEARCH** button with double right arrows is kept pressed, playback rapidly advances toward the end of the track. When the desired section is reached, release the button. The player resumes

### Specifying a desired disc

Use the **DISC** buttons (1-5).



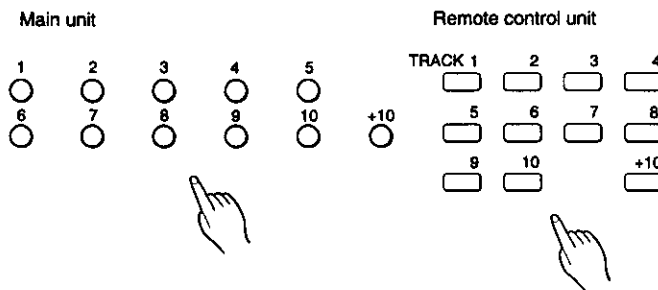
To select a disc, press the desired disc number (1-5). The unit searches for the selected disc and playback starts automatically.

**Note**

If no disc is loaded in the selected disc tray, the indicator of that disc is turned off within about 4 seconds and then playback starts from the next disc.

### Specifying a desired track (for XL-F254BK)

To specify the desired track number, use the track buttons (1-10, +10).



The unit searches for the selected track and playback starts automatically.

When selecting track number 10 or less, press the corresponding track button. When selecting track number 11 or above, use the [+10] button.

Example: To select track number 12, press [+10] and then [2].

To select track number 25, press [+10] twice and then [5].

To select track number 30, press [+10] twice and then [10].

**Note**

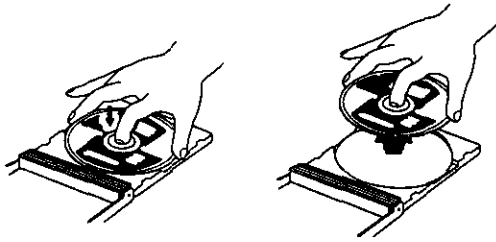
If the selected track number does not exist on the selected disc, playback starts from the first track on that disc.

## GENERAL INFORMATION

### Care and handling

#### How to handle CDs

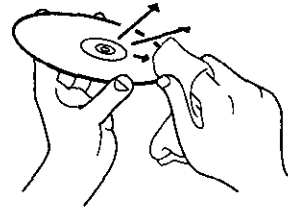
When handling compact discs, do not touch the surface of the disc (reflective silver side — the side without the label). Since compact discs are made of plastic, they are easily damaged. If the disc gets dirty, dusty, scratched or warped, the sound will not be picked up correctly and, in addition, such discs may cause the CD player to malfunction.



#### Maintenance of discs

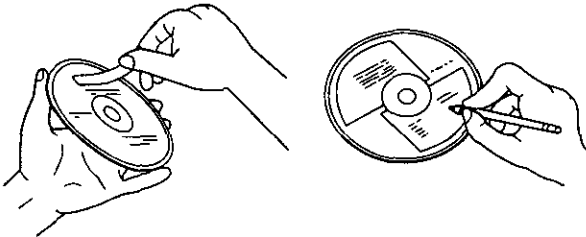
When there are fingerprints or other dirt adhering to a disc, wipe the disc with a soft, dry cloth with a movement going from the center outwards.

If difficult to clean, wipe the disc with a cloth moistened with water. Never use record cleaners, petrol, alcohol or any anti-static agents.



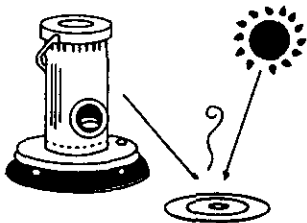
#### Even on label side

Do not damage the label side, stick paper to or use any adhesive on the surface.



#### Storage

Make sure that discs are kept in their cases. If discs are piled one on top of another without their protective cases, they can be damaged. Do not put discs in any location where they can be exposed to direct sunlight, or in any place where humidity or temperature is high. Avoid leaving discs in your car!



# Troubleshooting

What appears to be a malfunction may not always be serious. Please go through the following list before requesting service.

Symptom	Possible cause	Remedy
The unit is not operative.	Power plug is disconnected from the AC outlet.	Connect the plug to the AC outlet.
	Discs are not loaded.	Load discs in the disc tray.
Playback is not possible.	Disc is inserted upside down.	Load the disc with its label-side up in the disc tray.
	Disc is not loaded in the correct position.	Load the disc according to the groove of the disc tray.
	Moisture is condensed inside the unit.	Leave the unit turned on until the moisture evaporates.
No sound from the headphones.	Headphones volume is set to the minimum level.	Adjust the volume with the PHONES LEVEL control.
The reproduced sound includes noise.	Disc is dirty.	Wipe off the disc surface with a soft cloth.
	Disc is warped.	Replace the disc with a new one.
The sound is intermittent.	Disc is scratched.	Replace the disc with a new one.
The remote control unit does not function. (for XL-F254BK)	Batteries are exhausted.	Replace both batteries.
	There is an obstacle between remote control unit and the remote sensor of the main unit.	Remove the obstacle.
	Direct sunlight shines on the remote sensor of the main unit.	Shade the unit from the direct sunlight.

# Specifications

## General

Format: Compact disc digital audio  
 Signal detection system: Non-contact optical detection  
 CD capacity: 5 discs  
 Sampling frequency: 44.1 kHz  
 Power requirements  
     U.S.A. AC 120 V  $\sim$ , 60 Hz  
 Power consumption: 10 watts  
 Dimensions (W x H x D): 435 x 128 x 386 mm  
     (17-3/16 x 5-1/16 x 15-1/4 inches)  
 Mass: 5.1 kg (11.3 lbs)

## Accessories

AC power cord ..... 1  
 Audio cord ..... 1  
 COMPU LINK cord ..... 1  
 Remote control unit (RM-SX254U) (XL-F254BK only) ..... 1  
 Battery R6P(SUM-3)/AA(15F) (XL-F254BK only) ..... 2

*Design and specifications subject to change without notice.*

## Audio performance

Frequency response: 2 Hz to 20,000 Hz ( $\pm$ 1 dB)  
 Dynamic range: More than 98.0 dB (at 1 kHz)  
 Signal to noise ratio: More than 107.0 dB  
 Total harmonic distortion: Less than 0.0022% (at 1 kHz)  
 Channel separation: More than 94.0 dB (at 1 kHz)  
 Wow and flutter: Less than measurable limit

QUALITY **JVC** SERVICE

**HOW TO LOCATE YOUR JVC SERVICE CENTER**

**TOLL FREE : 1-800-537-5722**

**Dear customer:**

*In order to receive the most satisfaction from your purchase, read the instruction booklet before operating the unit. In the event that repair is necessary, or for the address nearest your location, please refer to the factory service center list below or within the Continental United States, Call 1-800-537—5722 for your authorized servicer. Remember to retain your Bill of Sale for Warranty Service.*

—JVC

**JVC SERVICE & ENGINEERING  
COMPANY OF AMERICA  
DIVISION OF US JVC CORP.**

**FACTORY SERVICE CENTER LOCATIONS**

107 Little Falls Road  
Fairfield, NJ 07004-2105  
(201) 808-9279

1500 Lakes Parkway  
Lawrenceville, GA 30243-5357  
(404) 339-2522

705 Enterprise Street  
Aurora, IL 60504-8149  
(708) 851-7855

5665 Corporate Avenue  
Cypress, CA 90630-0024  
(714) 229-8011

2969 Mapunapuna Place  
Honolulu, HI 96819-2040  
(808) 833-5828

10700 Hammerly, Suite 110  
Houston, TX 77043  
(713) 935-9331

230 Eliot Street  
Ashland, MA 0172-2377  
(508) 881-5923

14505 Commerce Way  
Miami Lakes, FL 33016-1512  
(305) 362-6252

890 Dubuque Avenue  
South San Francisco, CA 94080-1804  
(415) 871-2666

*Sophisticated electronic products may require occasional service. Just as quality is a keyword in the engineering and production of the wide array of JVC products, service is the key to maintaining the high level of performance for which JVC is world famous. The JVC service and engineering organization stands behind our products.*

**NATIONAL HEADQUARTERS  
JVC SERVICE & ENGINEERING COMPANY OF AMERICA  
DIVISION OF US JVC CORP.  
107 Little Falls Road  
Fairfield, NJ 07004-2105**

***If you ship the product . . .***

*Pack your JVC unit in the original carton or one of equivalent size and strength. Enclose, with the unit, a letter stating the problem or symptom that exists and also a copy of the receipt or bill of sale you received when you purchased your JVC unit. Print your home return address on the outside and the inside of the carton. Send to the appropriate JVC Factory Service Center as listed above.*

**Don't service it yourself.**

**CAUTION**

*To prevent electrical shock, do not open the cabinet. No user serviceable parts inside.  
Refer servicing to qualified service personnel.*

**ACCESSORIES**

*To purchase accessories for your JVC product, you may contact your local JVC Dealer.  
Or from the 48 Continental United States call toll free : 800-882-2345*



# LIMITED WARRANTY AUDIO-1

JVC COMPANY OF AMERICA warrants this product and all parts thereof, except as set forth below ONLY TO THE ORIGINAL PURCHASER AT RETAIL to be FREE FROM DEFECTIVE MATERIAL AND WORKMANSHIP from the date of original retail purchase for the period as shown below. ("The Warranty Period.")

PARTS	LABOR
1YR	1YR

THIS LIMITED WARRANTY IS VALID ONLY IN THE FIFTY(50) UNITED STATES, THE DISTRICT OF COLUMBIA AND IN COMMONWEALTH OF PUERTO RICO.

### WHAT WE WILL DO:

If this product is found to be defective, JVC will repair or replace defective parts at no charge to the original owner. Such repair and replacement services shall be rendered by JVC during normal business hours at JVC authorized service centers. Parts used for replacement are warranted only for the remainder of the Warranty Period. All products and parts thereof may be brought to a JVC authorized service center on a carry-in basis except for Television sets having a screen size 25 inches and above which are covered on an in-home basis.

### WHAT YOU MUST DO FOR WARRANTY SERVICE:

Return your product to a JVC authorized service center with a copy of your bill of sale. For your nearest JVC authorized service center, please call toll free: (800)537-5722. If service is not available locally, box the product carefully, preferably in the original carton, and ship, insured, with a copy of your bill of sale plus and letter of explanation of the problem to the nearest JVC Factory Service Center, the name and location of which will be given to you by the toll-free number. If you have any questions concerning your JVC Product, please contact our Customer Relations Department.

### WHAT IS NOT COVERED:

This limited warranty provided by JVC does not cover:

1. 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;
2. Initial installation and installation and removal for repair;
3. Operational adjustments covered in the Owner's Manual, normal maintenance, video and audio head cleaning;
4. Damage that occurs in shipment, due to act of God, and cosmetic damage;
5. Signal reception problems and failures due to line power surge;
6. Video Pick-up Tubes/CCD Image Sensor, Cartridge, Stylus(Needle) are covered for 90 days from the date of purchase;
7. Accessories;
8. Batteries (except the Rechargeable Batteries are covered for 90 days from the date of purchase);

There are no express warranties except as listed above.

THE DURATION OF ANY IMPLIED WARRANTIES, INCLUDING THE IMPLIED WARRANTY OF MERCHANTABILITY, IS LIMITED TO THE DURATION OF THE EXPRESS WARRANTY HEREIN.

JVC SHALL NOT BE LIABLE FOR THE LOSS OF USE THE PRODUCT, INCONVENIENCE, LOSS OR ANY OTHER DAMAGES, WHETHER DIRECT, INCIDENTAL OR CONSEQUENTIAL (INCLUDING, WITHOUT LIMITATION, DAMAGE TO TAPES, RECORDS OR DISCS) RESULTING FROM THE USE OF THIS PRODUCT, OR ARISING OUT OF ANY BREACH OF THIS WARRANTY. ALL EXPRESS AND IMPLIED WARRANTIES, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR PARTICULAR PURPOSE, ARE LIMITED TO THE WARRANTY PERIOD SET FORTH ABOVE.

Some states do not allow the exclusion of incidental or consequential damages or limitations on how long an implied warranty last, so these limitations or exclusions may not apply to you. This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

JVC COMPANY OF AMERICA  
DIVISION OF US JVC CORP.

41 Slater Drive  
Elmwood Park, New Jersey 07407

REFURBISHED PRODUCTS CARRY A SEPARATE WARRANTY, THIS WARRANTY DOES NOT APPLY. FOR DETAILS OF REFURBISHED PRO DUCT WARRANTY, PLEASE REFER TO THE REFURBISHED PRODUCT WARRANTY INFORMATION PACKAGED WITH EACH REFURBISHED PRODUCT.

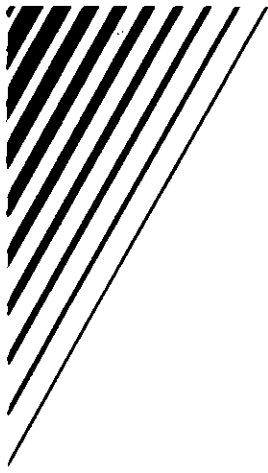
For customer use:

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

Model No.:

Serial No.:





**JVC**  
VICTOR COMPANY OF JAPAN, LIMITED