

JVC



ENGLISH

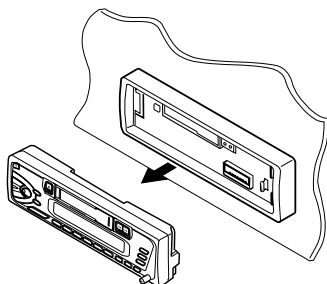
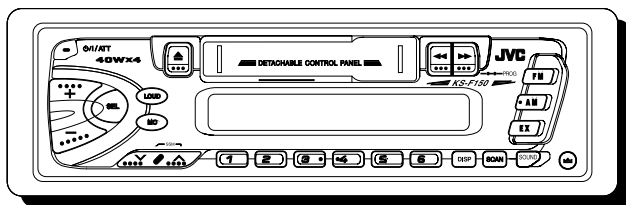
DEUTSCH

FRANÇAIS

NEDERLANDS

CASSETTE RECEIVER CASSETTEN-RECEIVER RADIOCASSETTE RADIO/CASSETTEPLER

KS-F150



For installation and connections, refer to the separate manual.

Für den Einbau und die Anschlüsse siehe das eigenständige Handbuch.

Pour l'installation et les raccordements, se référer au manuel séparé.

Bijzonderheden over de installatie en aansluiting van het apparaat vindt u in de desbetreffende handleiding.

INSTRUCTIONS BEDIENUNGSANLEITUNG MANUEL D'INSTRUCTIONS GEBRUIKSAANWIJZING

Thank you for purchasing a JVC product. Please read all instructions carefully before operation, to ensure your complete understanding and to obtain the best possible performance from the unit.

CONTENTS

BASIC OPERATIONS	3
RADIO OPERATIONS	4
Listening to the radio	4
Storing stations in memory	5
FM station automatic preset: SSM	5
Manual preset	6
Storing your favorite stations into the one-touch operation button (EX)	7
Tuning into a preset station	8
Other convenient tuner functions	9
Scanning broadcast stations	9
Selecting FM reception sound	9
TAPE OPERATIONS	10
Listening to a tape	10
SOUND ADJUSTMENTS	11
Turning on/off the loudness function	11
Selecting preset sound modes	11
Adjusting the sound	12
Storing your own sound adjustments	13
OTHER MAIN FUNCTIONS	14
Setting the clock	14
Detaching the control panel	15
MAINTENANCE	16
To extend the lifetime of the unit	16
How to Reset your unit	16
TROUBLESHOOTING	17
SPECIFICATIONS	18



Note:

For security reasons, a numbered ID card is provided with this unit, and the same ID number is imprinted on the unit's chassis. Keep the card in a safe place, as it will help the authorities to identify your unit if stolen.

BEFORE USE

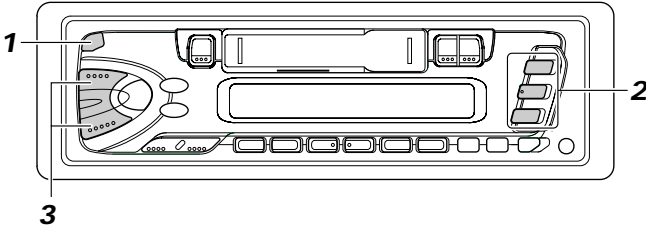
* **For safety...**

- Do not raise the volume level too much, as this will block outside sounds, making driving dangerous.
- Stop the car before performing any complicated operations.

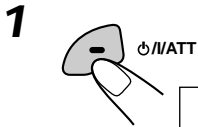
* **Temperature inside the car...**

If you have parked the car for a long time in hot or cold weather, wait until the temperature in the car becomes normal before operating the unit.

BASIC OPERATIONS



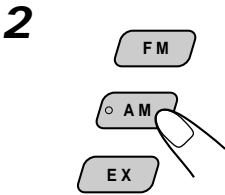
Note:
When you use this unit for the first time, set the built-in clock correctly, see page 14.



Turn on the power.

Notes on One-Touch Operation:

- When you select tuner as a source in step 2 below, the power automatically comes on. You do not have to press this button to turn on the power.
- If the cassette is already in the cassette compartment, tape play starts automatically.

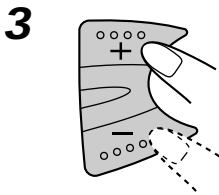


Play the source.

To operate the tuner, see pages 4 – 9.

To operate the tape deck, see page 10.

EX (extra) button: To use this button, you need to preset your favorite station in advance. For details, see pages 7 - 8.



Adjust the volume.



Volume level appears

4
Adjust the sound as you want (see pages 11 – 13).

To drop the volume in a moment

Press \odot /I/ATT briefly while listening to any source. "ATT" starts flashing on the display, and the volume level will drop in a moment.

To resume the previous volume level, press the button briefly again.

To turn off the power

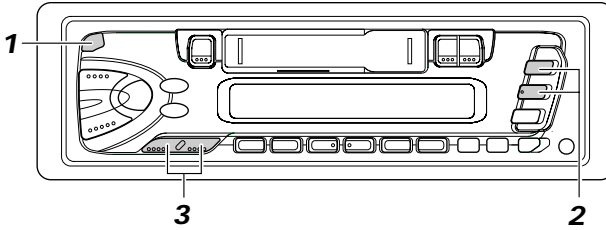
Press \odot /I/ATT for more than 1 second.



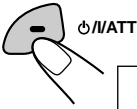
RADIO OPERATIONS

ENGLISH

Listening to the radio



1

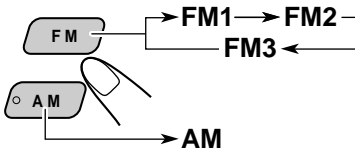


Turn on the power.

Note on One-Touch Operation:

When you select a band in step 2 below, the power automatically comes on. You do not have to press this button to turn on the power.

2



Select the band (FM1, FM2, FM3 or AM).

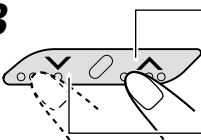
You can select any one of FM1, FM2, and FM3 to listen to an FM station.



Note:

When a cassette is in the cassette compartment, you cannot select the tuner. Be sure to eject the cassette from the cassette compartment to listen to the radio.

3



To search stations of higher frequencies.

To search stations of lower frequencies.

Start searching a station.

When a station is received, searching stops.



To stop searching before a station is received, press the same button you have pressed for searching.

To tune in a particular frequency manually:

1 Press FM or AM to select the band.

2 Press and hold \wedge or \vee until "M" starts flashing on the display.

Now you can manually change the frequency while "M" is flashing.

3 Press \wedge or \vee repeatedly until the frequency you want is reached.

- If you hold down the button, the frequency keeps changing (in 50 kHz intervals for FM and 9 kHz intervals for AM — MW/LW) until you release the button.

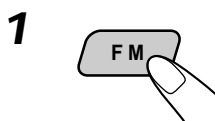
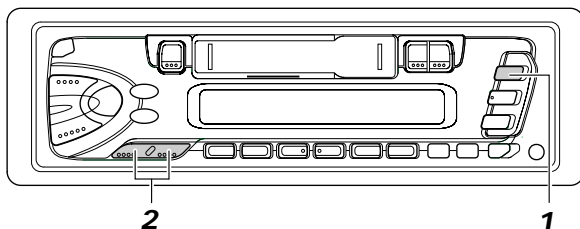
Storing stations in memory

You can use one of the following two methods to store broadcasting stations in memory.

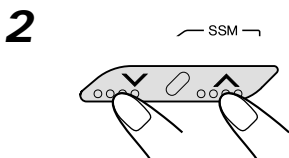
- Automatic preset of FM stations: SSM (Strong-station Sequential Memory)
- Manual preset of both FM and AM stations.

FM station automatic preset: SSM

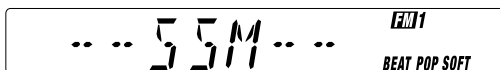
You can preset 6 local FM stations in each FM band (FM1, FM2 and FM3).



Select the FM band number (FM1, FM2 or FM3) you want to store FM stations into.



Press and hold the button for more than 2 seconds.



"SSM" appears, then disappears when automatic preset is over.

Local FM stations with the strongest signals are searched and stored automatically in the band number you have selected (FM1, FM2 or FM3). These stations are preset in the number buttons — No. 1 (lowest frequency) to No. 6 (highest frequency).

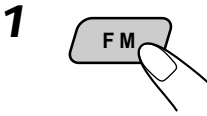
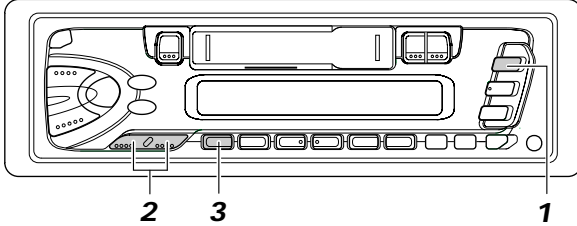
When automatic preset is over, the station stored in number button 1 will be automatically tuned in.



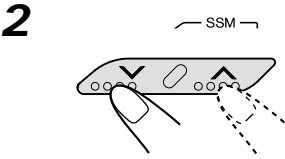
Manual preset

You can preset up to 6 stations in each band (FM1, FM2, FM3 and AM) manually.

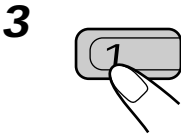
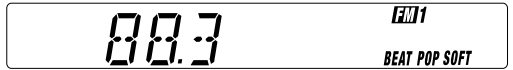
Example: Storing an FM station of 88.3 MHz into the preset number 1 of the FM1 band.



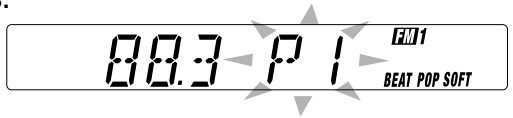
Select the FM1 band.



Tune into a station of 88.3 MHz.
See page 4 to tune into a station.



Press and hold the button for more than 2 seconds.



Preset number "P1" flashes for a while.

4 Repeat the above procedure to store other stations into other preset numbers.

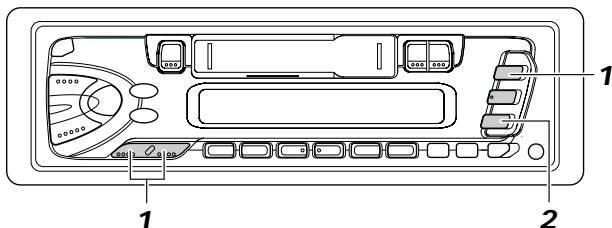
Notes:

- A previously preset station is erased when a new station is stored in the same preset number.
- Preset stations are erased when the power supply to the memory circuit is interrupted (for example, during battery replacement). If this occurs, preset the stations again.

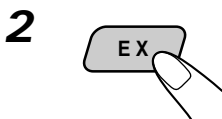
Storing your favorite stations into the one-touch operation button (EX-extra)

You can preset an FM or AM station (such as your favorite station or traffic announcement station); and recall it by one touch operation even if the unit is turned off.

EXAMPLE: Storing an FM station of 88.3 MHz into the one-touch operation button (EX).

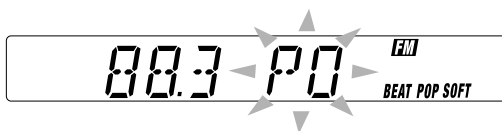


1 Follow the steps 1 and 2 on page 6.



Press and hold the button for more than 2 seconds.

"PO" flashes on the display, showing that the station has been preset.

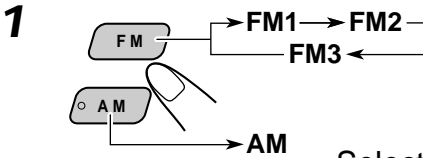
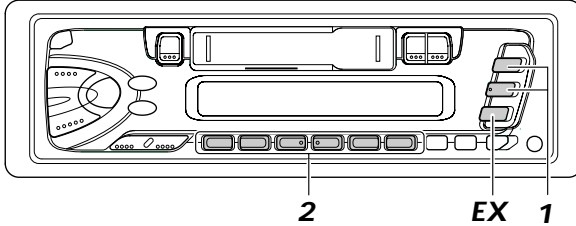


Notes:

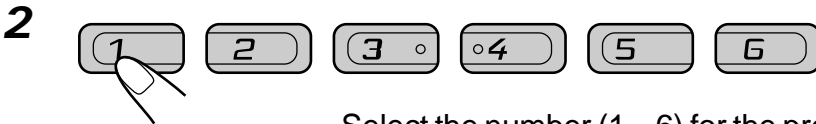
- A previously preset station is erased when a new station is stored.
- Preset station are erased when the power supply to the memory circuit is interrupted (for example, during battery replacement). If this occurs, preset the station again.

Tuning into a preset station

You can easily tune into a preset station. Remember that you must store stations first. If you have not stored them yet, see page 5 or 6.



Select the band (FM1, FM2, FM3 or AM) you want.



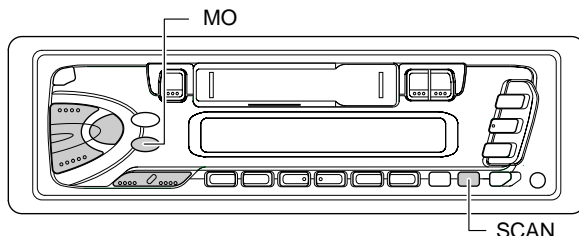
Select the number (1 – 6) for the preset station you want.

To tune in the favorite station

The unit automatically turns on (if it has been off). Your favorite station is turned in – except when the tape is playing.

- *If you press the button again, the last received station will be turned in.*

Other convenient tuner functions



Scanning broadcast stations

When you press SCAN while listening to the radio, station scanning starts. Each time a broadcast is tuned in, scanning stops for about 5 seconds (tuned frequency number flashes on the display), and you can check what program is now being broadcast.

If you want to listen to that program, press the same button again to stop scanning.

Selecting FM reception sound

When an FM stereo broadcast is hard to receive:

Press MO while listening to an FM stereo broadcast. The sound you hear becomes monaural but reception will be improved.

Lights when receiving an FM broadcast in stereo



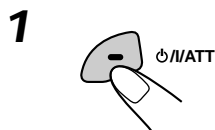
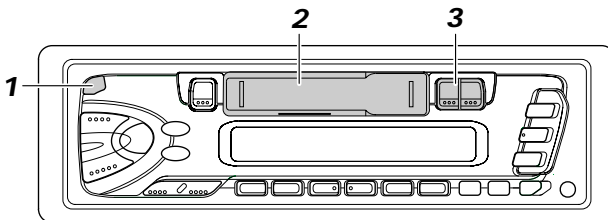
To restore the stereo effect, press the same button again.



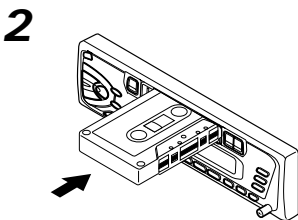
TAPE OPERATIONS

ENGLISH

Listening to a tape

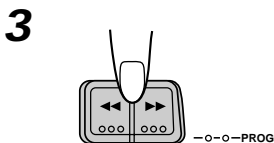


Turn on the power.



Insert a cassette.

When one side of the tape reaches its end during play, the other side of the tape automatically starts playing. (Auto Reverse)



Select the tape direction.

• Press the both buttons at the same time.

Each time you press the button, the tape direction changes alternatively – forward (TAPE >>>) and reverse (TAPE <<<).

To stop play and eject the cassette

Press ▲.

Tape play stops and the cassette ejects from the cassette compartment.

You can hear the last received station.

• You can also eject the cassette with the unit turned off.

To fast-wind a tape

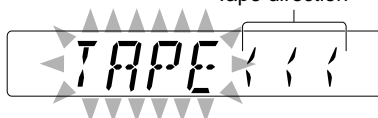
Press either ►► or ◀◀.

The tape will be wound in the direction of the arrows (►► or ◀◀).

To restart playback, press ►► or ◀◀ lightly.



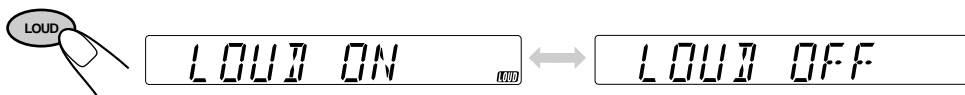
Tape direction



Turning on/off the loudness function

The human ear is less sensitive to low and high frequencies at low volumes. The loudness function can boost these frequencies to produce a well-balanced sound at low volume levels.

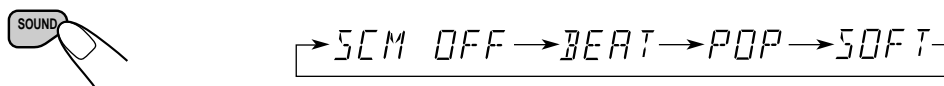
Each time you press LOUD, the loudness function turns on/off alternatively.



Selecting preset sound modes

You can select a preset sound adjustment suitable to the music genre.

Each time you press SOUND, the sound mode changes as follows.



Indication	For:	Preset values		
		Bass	Treble	Loudness
SCM OFF	(Flat sound)	00	00	On
BEAT	Rock or disco music	+2	00	On
POP	Light music	+4	+1	Off
SOFT	Quiet background music	+1	-3	Off

Notes:

- You can adjust the preset sound mode to your preference, and store it in memory. If you want to adjust and store your original sound mode, see “Storing your own sound adjustments” on page 13.
- To adjust only the bass and treble reinforcement levels to your preference, see “Adjusting the sound” on page 12.
- When one of the sound modes is selected, it is shown on the display as follows:

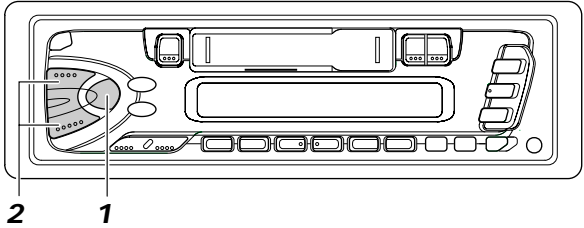


For example, when “POP” is selected.



Adjusting the sound

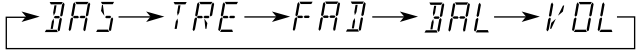
You can adjust the treble/bass sound and the speaker balance.



1



Select the item you want to adjust.

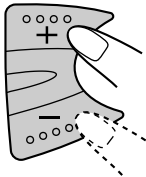


Indication	To do:	Range
BAS (bass)	Adjust the bass	-6 (min.) — +6 (max.)
TRE (treble)	Adjust the treble	-6 (min.) — +6 (max.)
FAD (Fader)*	Adjust the front and rear speaker balance	R6 (rear only) — F6 (front only)
BAL (Balance)	Adjust the left and right speaker balance	L6 (left only) — R6 (right only)
VOL (Volume)	Adjust the volume	00 (min.) — 50 (max.)

Note:

* If you are using a two-speaker system, set the fader level to "00".

2



Adjust the level.

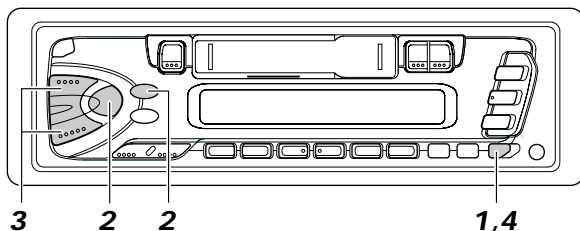
Note:

Normally the + and - buttons work as the volume control buttons. So you do not have to select "VOL" to adjust the volume level.



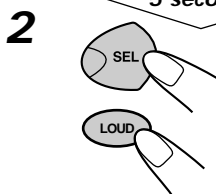
Storing your own sound adjustments

You can adjust the sound modes (BEAT, POP, SOFT: see page 11) to your preference and store your own adjustments in memory.



Call up the sound mode you want to adjust.
See page 11 for details.

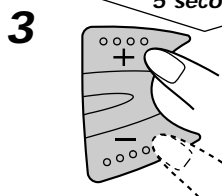
*Within
5 seconds*



To adjust the bass or treble sound level
Select "BAS" or "TRE."

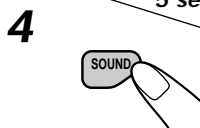
To turn on or off the loudness function
Each time you press LOUD, the loudness function turns on
and off alternatively. (→ go to step 4)

*Within
5 seconds*



Adjust the bass or treble level.
See page 12 for details.

*Within
5 seconds*



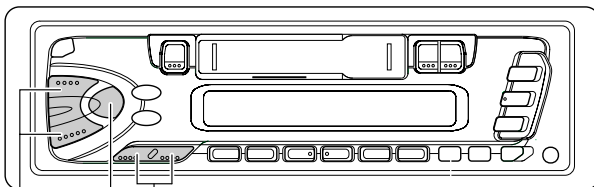
Press and hold SOUND until the sound mode
you have selected in step **1** flashes on the
display.
Your setting is stored in memory.

5 Repeat the same procedure to store other settings.

To reset to the factory settings

Repeat the same procedure and reassign the preset values listed in the table on page 11.

Setting the clock



2,3 1,4 2,3

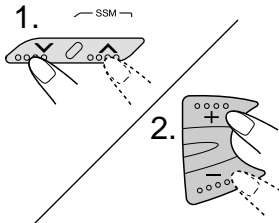
1



Press and hold the button for more than 2 seconds.

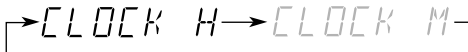
"CLOCK H" or "CLOCK M" appears on the display.

2



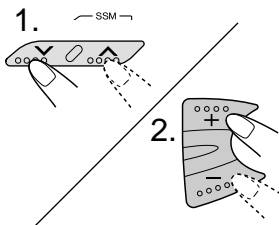
Set the hour.

1. Select "CLOCK H" if not shown on the display.



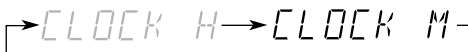
2. Adjust the hour.

3



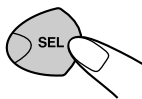
Set the minute.

1. Select "CLOCK M."



2. Adjust the minute.

4



Finish the setting.

To check the current clock time (changing the display mode)

Press DISP repeatedly. Each time you press the button, the display mode changes as follows.

<p>During tuner operation:</p> <p>Frequency ↔ Clock</p>	<p>During tape operation:</p> <p>Play mode ↔ Clock</p>
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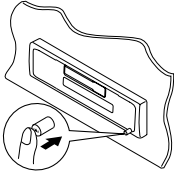
Detaching the control panel

You can detach the control panel when leaving the car. When detaching or attaching the control panel, be careful not to damage the connectors on the back of the control panel and on the panel holder.

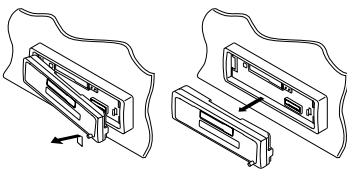
How to detach the control panel

Before detaching the control panel, be sure to turn off the power.

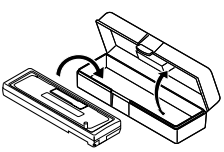
1 Unlock the control panel.



2 Lift and pull the control panel out of the unit.

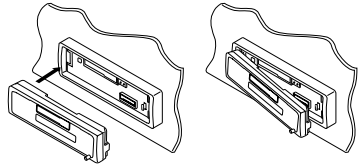


3 Put the detached control panel into the provided case.

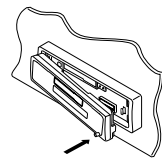


How to attach the control panel

1 Insert the left side of the control panel into the groove on the panel holder.



2 Press the right side of the control panel to fix it to the panel holder.



Note on cleaning the connectors:
If you frequently detach the control panel, the connectors will deteriorate. To minimize this possibility, periodically wipe the connectors with a cotton swab or cloth moistened with alcohol, being careful not to damage the connectors.

Connectors



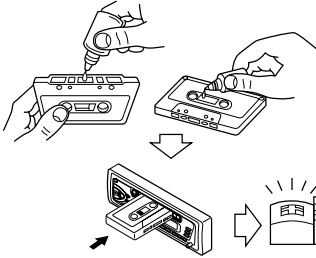
MAINTENANCE

ENGLISH

To extend the lifetime of the unit

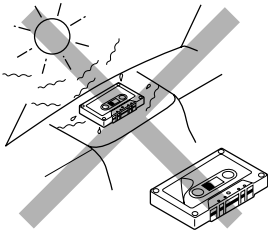
This unit requires very little attention, but you will be able to extend the life of the unit if you follow the instructions below.

To clean the heads



- Clean the heads after every 10 hours of use using a wet-type head cleaning tape (available at an audio store).
When the head becomes dirty, you may realize the following symptoms:
 - Sound quality is reduced.
 - Sound level decreases.
 - Sound drops out.
- Do not play dirty or dusty tapes.
- Do not touch the highly-polished head with any metallic or magnetic tools.

To keep the tape clean



- Always store the tapes to their storage cases after use.
- Do not store tapes in the following places:
 - Subject to direct sunlight
 - With high humidity
 - At extremely hot temperatures

CAUTIONS:

- Do not play the tapes with peeling labels; otherwise, they can damage the unit.
- Tighten tapes to remove slack since loose tape may become entangled with the mechanism.
- Do not leave a cassette in the cassette compartment after use, as the tape may become slack.

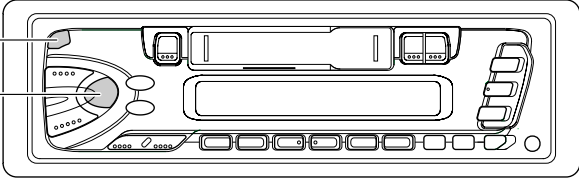
How to reset your unit

Press and hold both the SEL (Select) and O/I/ATT (Standby/On/ATT) buttons at the same time for several seconds.
This will reset the built-in microcomputer.

NOTE: Your preset adjustments — such as preset channels or sound adjustments — will also be erased.

O/I/ATT
(Standby/On/ATT)

SEL (Select)



TROUBLESHOOTING

What appears to be trouble is not always serious. Check the following points before calling a service center.

Symptoms	Causes	Remedies
<ul style="list-style-type: none"> A cassette tape cannot be inserted. 	You have tried to insert a cassette in the wrong way.	Insert the cassette with the exposed tape facing right.
<ul style="list-style-type: none"> Cassette tapes become hot. 	This is not a malfunction.	_____
<ul style="list-style-type: none"> Tape sound is at very low level and sound quality is degraded. 	The tape head is dirty.	Clean it with a head cleaning tape.
<ul style="list-style-type: none"> Sound is sometimes interrupted. 	Connections are not good.	Check the cords and connections.
<ul style="list-style-type: none"> Sound cannot be heard from the speakers. 	The volume control is turned to the minimum level.	Adjust it to the optimum level.
	Connections are incorrect.	Check the cords and connections.
<ul style="list-style-type: none"> Static noise while listening to the radio. 	The antenna is not connected firmly.	Connect the antenna firmly.
<ul style="list-style-type: none"> The unit does not work at all. 	The built-in microcomputer may function incorrectly due to noise, etc.	While holding SEL, press $\text{O}/\text{I}/\text{ATT}$ for more than 2 seconds to reset the unit. (The clock setting and preset stations stored in memory are erased.) (See page 16.)

SPECIFICATIONS

ENGLISH

AUDIO AMPLIFIER SECTION

Maximum Power Output:

Front: 40 watts per channel

Rear: 40 watts per channel

Continuous Power Output (RMS):

Front: 16 watts per channel into 4 Ω , 40 to 20,000 Hz at no more than 0.8% total harmonic distortion.

Rear: 16 watts per channel into 4 Ω , 40 to 20,000 Hz at no more than 0.8% total harmonic distortion.

Load Impedance: 4 Ω (4 to 8 Ω allowance)

Tone Control Range

Bass: ± 10 dB at 100 Hz

Treble: ± 10 dB at 10 kHz

Frequency Response: 40 to 20,000 Hz

Signal-to-Noise Ratio: 70 dB

Line-Out Level/Impedance: 1.0 V/20 k Ω load
(250 nWb/m)

TUNER SECTION

Frequency Range

FM: 87.5 to 108.0 MHz

AM: (MW) 522 to 1,620 kHz
(LW) 144 to 279 kHz

[FM Tuner]

Usable Sensitivity: 11.3 dBf (1.0 μ V/75 Ω)

50 dB Quieting Sensitivity:

16.3 dBf (1.8 μ V/75 Ω)

Alternate Channel Selectivity (400 kHz):

65 dB

Frequency Response: 40 to 15,000 Hz

Stereo Separation: 30 dB

Capture Ratio: 2.0 dB

[MW Tuner]

Sensitivity: 20 μ V

Selectivity: 35 dB

[LW Tuner]

Sensitivity: 50 μ V

CASSETTE DECK SECTION

Wow & Flutter: 0.15% (WRMS)

Fast-Wind Time: 190 sec. (C-60)

Frequency Response:

50 to 14,000 Hz

Signal-to-Noise Ratio: 52 dB

Stereo Separation: 40 dB

GENERAL

Power Requirement

Operating Voltage: DC 14.4 volts (11 to 16 volts allowance)

Grounding System: Negative ground

Allowable Working Temperature:

0°C to +40°C

Dimensions (W x H x D)

Installation Size: 182 x 52 x 150 mm

Panel Size: 188 x 58 x 14 mm

Mass: 1.3 kg (excluding accessories)

Design and specifications subject to change without notice.

Having TROUBLE with operation?

Please reset your unit

Refer to page of How to reset your unit

Haben Sie PROBLEME mit dem Betrieb?

Bitte setzen Sie Ihr Gerät zurück

Siehe Seite Zurücksetzen des Geräts

Vous avez des PROBLÈMES de fonctionnement?

Réinitialisez votre appareil

Référez-vous à la page intitulée Comment réinitialiser votre appareil

Hebt u PROBLEMEN met de bediening?

Stel het apparaat terug

Zie de pagina met de paragraaf Het apparaat terugstellen

JVC

VICTOR COMPANY OF JAPAN, LIMITED



EN, GE, FR, NL



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