

JVC



CASSETTE RECEIVER

KS-FX911/KS-FX811

ENGLISH

卡座收音組合機

KS-FX911/KS-FX811

中
文

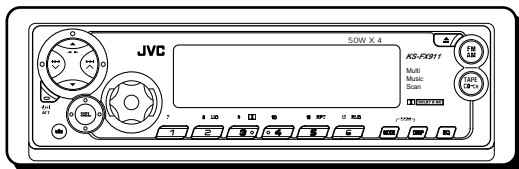
วิทยุเครื่องเล่นเทป

KS-FX911/KS-FX811

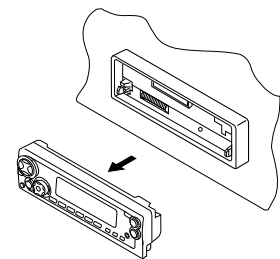
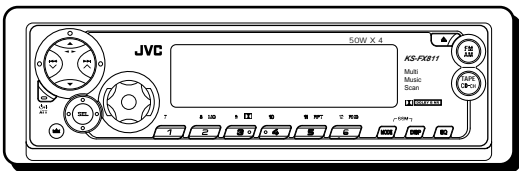
ไทย



KS-FX911



KS-FX811



For installation and connections, refer to the separate manual.

有關安裝和連接方法，分別參閱操作手冊。

กรุณาดูคู่มือที่แยกต่างหาก ในการติดตั้งและการเชื่อมต่อ

INSTRUCTIONS

使用說明書

คำแนะนำ

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.

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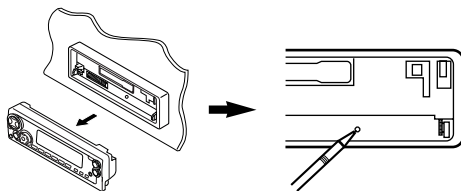
How to reset your unit

After detaching the control panel, press the reset button on the panel holder using a ball-point pen or a similar tool.

This will reset the built-in microcomputer.

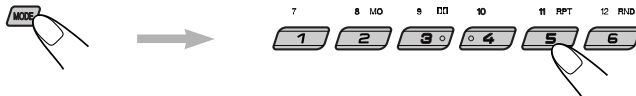
Note:

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



How to use the MODE button:

If you press MODE, the unit goes into functions mode and the number buttons work as different function buttons.



To use these buttons as number buttons again after pressing MODE, wait for 5 seconds without pressing any number button until the functions mode is cleared.

- Pressing MODE again also clears the functions mode.

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.

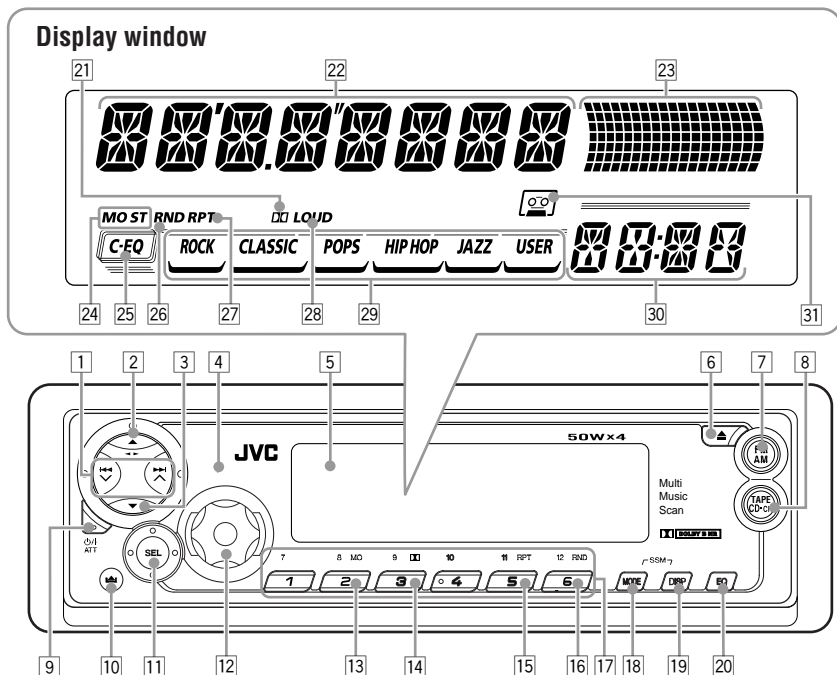
***Temperature inside the car....**

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.

LOCATION OF THE BUTTONS



Control panel



- 1 ◀◀ ▶▶ / ▶▶ ▲ buttons
- 2 ▲ (up) button
▶▶ (tape direction) button
- 3 ▼ (down) button
- 4 Remote sensor
- 5 Display window
- 6 ▲ (eject) button
- 7 FM AM button
- 8 TAPE CD-CH button
- 9 ⏻/⏻ ATT (standby/on/attenuator) button
- 10 🗑️ (control panel release) button
- 11 SEL (select) button
- 12 Control dial
- 13 MO (monaural) button
- 14 🗑️ (Dolby B) button
- 15 RPT (repeat) button
- 16 RND (random) button
- 17 Number buttons
- 18 MODE button
• Also functions as SSM buttons when pressed together with DISP (display) button.

- 19 DISP (display) button
• Also functions as SSM buttons when pressed together with MODE button.
- 20 EQ (equalizer) button

Display window

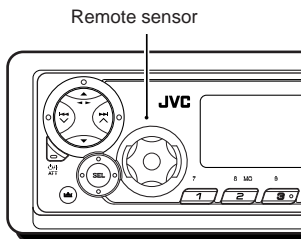
- 21 🗑️ (Dolby B) indicator
- 22 Main display
- 23 Volume (or audio) level indicator
Equalization pattern indicator
- 24 Tuner reception indicators
MO (monaural), ST (stereo)
- 25 C-EQ (custom equalizer) indicator
- 26 RND (random) indicator
- 27 RPT (repeat) indicator
- 28 LOUD (loudness) indicator
- 29 Sound mode indicators
ROCK, CLASSIC, POPS, HIP HOP, JAZZ, USER.
- 30 Source/clock display
- 31 Tape-in indicator



Preparing the remote controller

Before using the remote controller:

- Aim the remote controller directly at the remote sensor on the main unit. Make sure there is no obstacle in between.



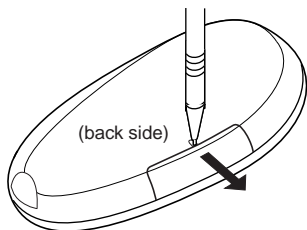
- Do not expose the remote sensor to strong light (direct sunlight or artificial lighting).

Installing the battery

When the controllable range or effectiveness of the remote controller decreases, replace the battery.

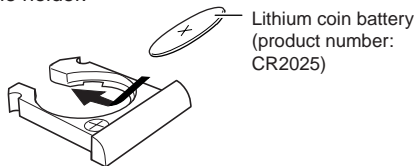
1. Remove the battery holder.

- 1) Push out the battery holder in the direction indicated by the arrow using a ball-point pen or a similar tool.
- 2) Remove the battery holder.



2. Place the battery.

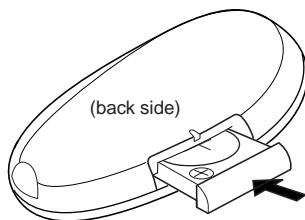
Slide the battery into the holder with the + side facing upwards so that the battery is fixed in the holder.



Lithium coin battery
(product number:
CR2025)

3. Return the battery holder.

Insert again the battery holder pushing it until you hear a clicking sound.



WARNING:

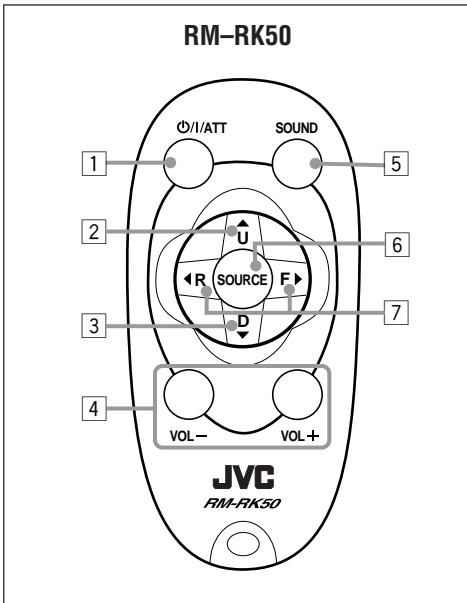
- Store the battery in a place where children cannot reach.
If a child accidentally swallows the battery, consult a doctor immediately.
- Do not recharge, short, disassemble or heat the battery or dispose it in a fire.
Doing any of these things may cause the battery to give off heat, crack or start a fire.
- Do not leave the battery with other metallic materials.
Doing this may cause the battery to give off heat, crack or start a fire.
- When throwing away or saving the battery, wrap it in tape and insulate; otherwise, the battery may start to give off heat, crack or start a fire.
- Do not poke the battery with tweezers or similar tools.
Doing this may cause the battery to give off heat, crack or start a fire.

CAUTION:

DO NOT leave the remote controller in a place (such as dashboards) exposed to direct sunlight for a long time. Otherwise, it may be damaged.



Remote controller

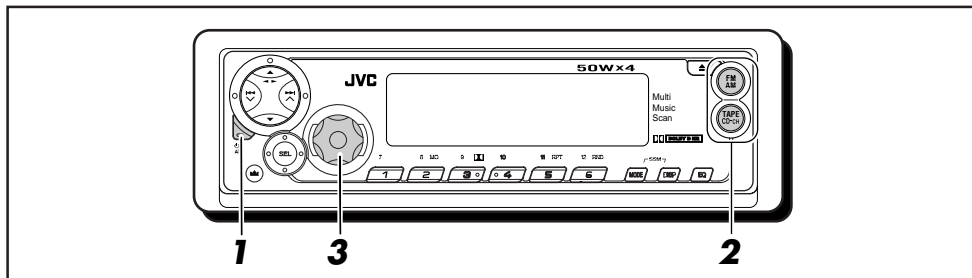


- 1 • Turns on the unit if pressed when the unit is turned off.
 - Turns off the unit if pressed and held until "SEE YOU" appears on the display.
 - Drops the volume level in a moment if pressed briefly.
Press again to resume the volume.
- 2 • Selects the band while listening to the radio. Each time you press the button, the band changes.
 - Changes the tape direction while listening to a cassette.
Each time you press the button, the tape direction changes alternately.
 - Skips to the next disc while listening to the CD changer.
Each time you press the button, the disc number increases, and the selected disc starts playing.

- 3 • Selects the preset stations while listening to the radio.
Each time you press the button, the preset station number increases, and the selected station is tuned in to.
 - Skips to the previous disc while listening to the CD changer.
Each time you press the button, the disc number decreases, and the selected disc starts playing.
- 4 Functions the same as the control dial on the main unit.
NOTE: This button does not function for the preferred setting mode adjustment.
- 5 Selects the sound mode.
Each time you press the button, the (C-EQ: Custom Equalizer) mode changes.
- 6 Selects the source.
Each time you press the button, the source changes.
- 7 • Searches stations while listening to the radio.
 - Functions as the fast forward or rewind buttons or multi music scan buttons while listening to a cassette. To release this operation, press button 2 to resume playback.
 - Fast-forwards or reverses the track if pressed and held while listening to the CD changer.
 - Skips to the beginning of the next track or goes back to the beginning of the current (or previous) tracks if pressed briefly while listening to the CD changer.



BASIC OPERATIONS



Turning on the power

1 Turn on the power.

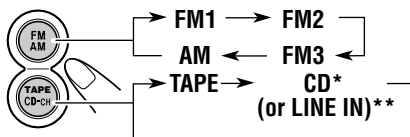


"HELLO" appears on the display.

Note on One-Touch Operation:

When you select a source 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 source.



To operate the tuner (FM or AM), see pages 7 – 9.

To operate the tape, see pages 10 – 12.

To operate the CD changer, see pages 20 – 21.

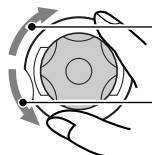
To operate the external component, see page 22.

Note:

* Without connecting the CD changer, you cannot select the CD changer as the source.

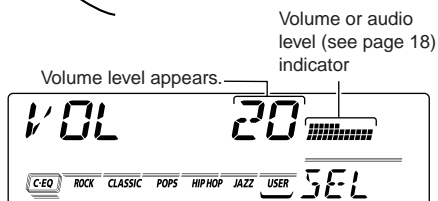
** To select the external component other than the CD changer, EXT IN must be set to LINE IN. (See page 18.)

3 Adjust the volume.



To increase the volume.

To decrease the volume.



4 Adjust the sound as you want. (See pages 13 – 15.)

To drop the volume in a moment

Press ϕ /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.

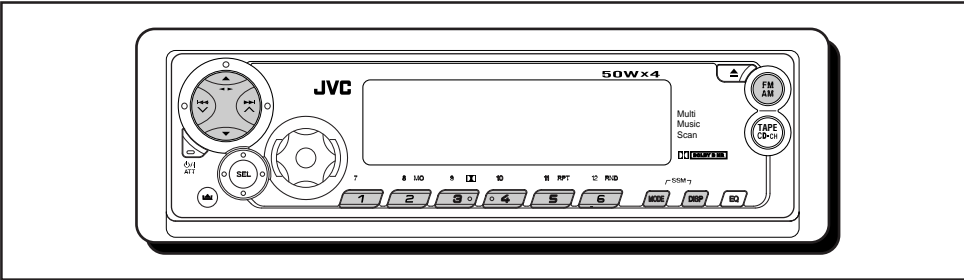
- If you turn the control dial clockwise, you can also restore the sound.

To turn off the power

Press and hold ϕ /I ATT until "SEE YOU" appears on the display.

Note:

When you use this unit for the first time, set the built-in clock correctly, see page 16.

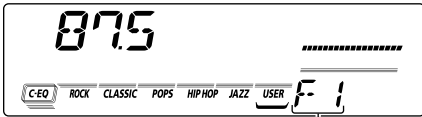
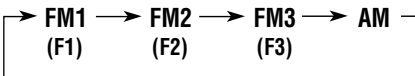


Listening to the radio

You can use either automatic searching or manual searching to tune in to a particular station.

Searching a station automatically: Auto search

1 Select the band (FM1 – 3, AM).

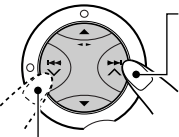


Selected band appears.

Note:

This receiver has three FM bands (FM1, FM2, FM3). You can use any one of them to listen to an FM broadcast.

2 Start searching a station.



Press **▶▶|▲** to search stations of higher frequencies.

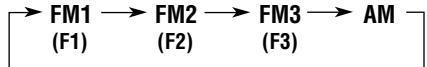
Press **◀◀|▼** to search stations of lower frequencies.

While searching stations, "SEEK" appears on the display.
When a station is received, searching stops.

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

Searching a station manually: Manual search

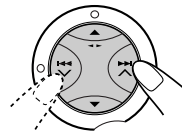
1 Select the band (FM1 – 3, AM).



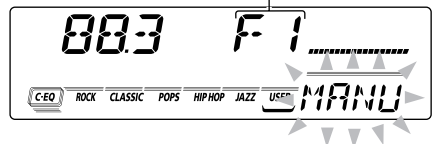
Note:

This receiver has three FM bands (FM1, FM2, FM3). You can use any one of them to listen to an FM broadcast.

2 Press and hold **▶▶|▲** or **◀◀|▼** until "MANU (manual)" starts flashing on the display.



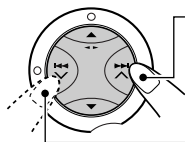
Selected band appears.



CONTINUED ON THE NEXT PAGE



3 Tune in to a station you want while “MANU” is flashing.



Press ►► ▲ to tune in to stations of higher frequencies.

Press ◀◀ ▼ to tune in to stations of lower frequencies.

- If you release your finger from the button, the manual mode will automatically turn off after 5 seconds.
- If you hold down the button, the frequency keeps changing (in 50 kHz intervals for FM and 9 kHz for AM) until you release the button.

When an FM stereo broadcast is hard to receive:

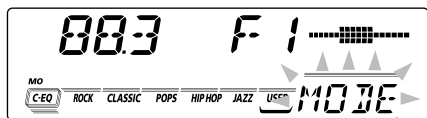
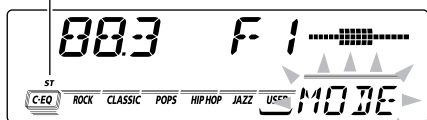


- 1 Press MODE to enter the functions mode while listening to an FM stereo broadcast. “MODE” appears on the lower part of the display, and the number buttons work as different function buttons.



- 2 Press MO (monaural), while “MODE” is still on the display, so that the MO indicator lights up on the display. Then, each time you press MO (monaural), the MO indicator lights up and goes off alternately.

Lights up when receiving an FM broadcast in stereo.



When the MO indicator is lit on the display, the sound you hear becomes monaural but the reception will be improved (the ST indicator goes off).

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

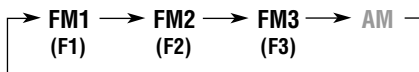
FM station automatic preset: SSM

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

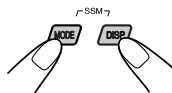
1 Select the FM band (FM1 – 3) you want to store FM stations into.



Each time you press the button, the band changes as follows:



2 Press and hold both buttons 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

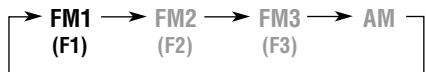
You can preset up to 6 stations in each band (FM1, FM2, FM3 and AM) manually.

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

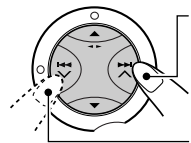
1 Select the band (FM1 – 3, AM) you want to store stations into (in this example, FM1).



Each time you press the button, the band changes as follows:

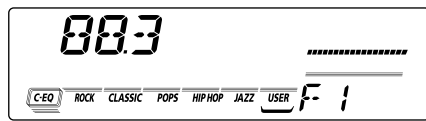


2 Tune in to a station (in this example, of 88.3 MHz.)

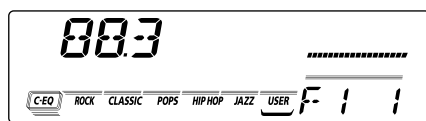


Press ►► ▲ to tune in to stations of higher frequencies.

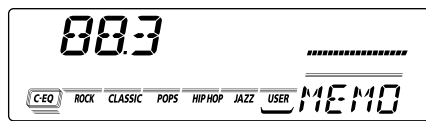
Press ◀◀ ▼ to tune in to stations of lower frequencies.



3 Press and hold the number button (in this example, 1) for more than 2 seconds.



Selected band/preset number and "MEMO" (memory) appear alternately for a while.



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

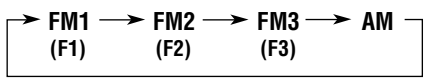
Notes:

- 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.

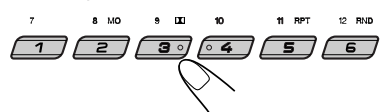
Tuning in to a preset station

You can easily tune in to a preset station. Remember that you must store stations first. If you have not stored them yet, see "Storing stations in memory" on pages 8 and 9.

1 Select the band (FM1 – 3, AM).



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



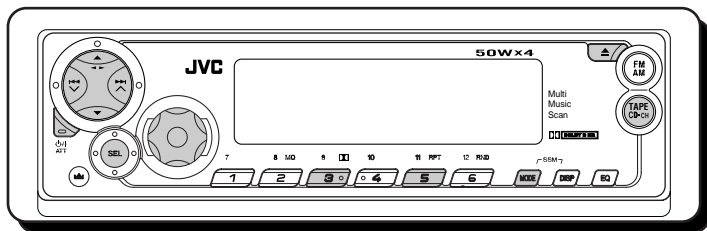
Note:

You can also use the ▲ (up) or ▼ (down) buttons on the unit to select the next or previous preset stations. Each time you press the ▲ (up) or ▼ (down) buttons, the next or previous preset station is tuned in.



TAPE OPERATIONS

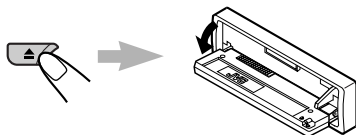
ENGLISH



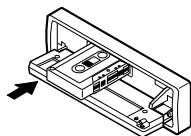
Listening to a cassette

You can play back type 1 (normal) tapes.

1 Open the control panel.



2 Insert a cassette into the cassette compartment.

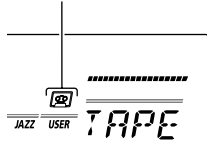


The unit turns on and tape play starts automatically.

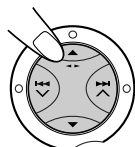
3 Close the control panel by hand.



Tape-in indicator appears.



4 Select the tape direction.



Each time you press ◀▶, the tape direction changes alternately forward (TAPE ▶▶▶) and reverse (TAPE ◀◀◀).

Note on One-Touch Operation:

When a cassette is already in the cassette compartment, select tape as the source by pressing TAPE CD-CH to start tape play.

To stop play and eject the cassette

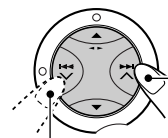
Press ▲.

Tape play stops, the control panel opens and then the cassette automatically ejects from the cassette compartment. The source changes to the previously selected one.

If you change the source, tape play also stops (without ejecting the cassette this time).

- You can eject the cassette while the unit is turned off by pressing ▲.

To fast-forward and rewind a tape



Press ▶▶▶ ▲ for more than 1 second to fast-forward the tape.

When the tape reaches its end, the tape is reversed and playback starts from the beginning of the other side.

Press ◀◀◀ ▼ for more than 1 second to rewind the tape. When the tape reaches its end, playback of the same side starts.

To stop fast forward and rewind at any position on the tape, press ◀▶.

Tape play starts from that position on the tape.

Notes:

- When one side of the tape reaches its end during play, the other side of the tape automatically starts playing. (Auto Reverse)
- When the tape reaches its end while fast-forwarding, the tape direction will be changed automatically.



To play back tapes recorded with the Dolby B NR*

1 Press MODE to enter the functions mode while listening to a tape.

"MODE" appears on the lower part of the display, and the number buttons work as different function buttons.

2 Press **DB** (Dolby B), while "MODE" is still on the display so that the **DB** (Dolby B) indicator lights up.

"DOLBY B" also appears on the display for several seconds.

To cancel the Dolby B NR, repeat steps 1 and 2 above again.

* Manufactured under license from Dolby Laboratories.

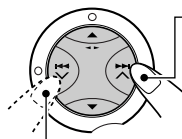
"Dolby" and the double-D symbol are trademarks of Dolby Laboratories.

Finding the beginning of a tune

Multi Music Scan allows you to automatically start playback from the beginning of a specified tune. You can specify up to 9 tunes ahead of or before the current tune.

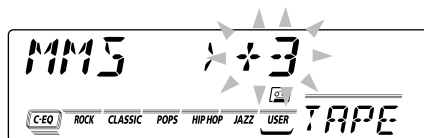
During playback

Specify where (how many tunes ahead of or before the current tune) the tune you want is located.



Press **▶▶** **▲** to locate a tune ahead of the current tune on the cassette.

Press **◀◀** **▼** to locate a tune before the current tune on the cassette.



Each time you press the buttons, the number changes up to ± 9 .

When the beginning of the specified tune is located, playback starts automatically.

Notes:

- While locating a specified tune:
 - If the tape is rewound to its beginning, playback starts from the beginning of that side.
 - If the tape is fast-forwarded to the end, it is reversed and played from the beginning of the other side.
- In the following cases, the Multi Music Scan function may not operate correctly:
 - Tapes with tunes having long pianissimo passages (very quiet parts) or non-recorded portions between tunes.
 - Tapes with short non-recorded sections.
 - Tapes with high level of noise or humming between tunes.
 - The Dolby NR setting does not match. For example, if Dolby B NR is on and the tape was recorded with no Dolby NR.

Prohibiting cassette ejection

You can prohibit cassette ejection and "lock" a cassette in the cassette compartment. Press and hold TAPE CD-CH and **ATT** for more than 2 seconds.

"NO EJECT" flashes on the display for about 5 seconds, and the cassette is "locked."

To cancel the prohibition and "unlock" the cassette, press and hold TAPE CD-CH and **ATT** for more than 2 seconds again.

"EJECT OK" flashes for about 5 seconds, and this time the cassette is "unlocked."



Other convenient tape functions

Skipping the blank portions on the tape

You can skip blank portions between the tunes (Blank Skip).

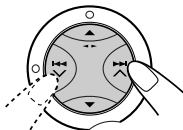
When this function is on, the unit skips blank portions of 15 seconds or more, fast-forwards to the next tune, then starts playing it.

- See also “Changing the general settings (PSM)” on page 16 and 17.

- 1 Press and hold SEL (select) for more than 2 seconds so that one of the PSM items appears on the display. (PSM: see page 17.)



- 2 Press ►►► ▲ or ◀◀◀ ▼ to select “B. SKIP (blank skip).”



- 3 Turn the control dial clockwise to select “ON.”



Now Blank Skip is activated.

- 4 Finish the setting.



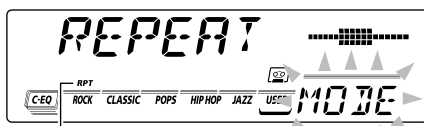
To cancel Blank Skip, repeat the same procedure and select “OFF” in step 3 by turning the control dial counterclockwise.

Playing the current tune repeatedly

You can play the current tune repeatedly (Repeat Play).



- 1 Press MODE to enter the functions mode while playing a tune you want to hear over again on a cassette. “MODE” appears on the lower part of the display, and the number buttons work as different function buttons.
- 2 Press RPT (repeat), while “MODE” is still on the display, so that the RPT indicator lights up on the display.



Lights up when Repeat Play is turned on.

When the tune has been played, the tape is automatically rewound to the beginning of that tune and the same tune will be played again.

To cancel Repeat Play, repeat steps 1 and 2 above again so that the RPT indicator goes off.

Note:

In the following cases, Blank Skip and Repeat Play may not operate correctly:

- Tapes with tunes having long pianissimo passages (very quiet parts) or non-recorded portions during tunes.
- Tapes with short non-recorded sections.
- Tapes with high level noise or humming between tunes.
- The Dolby NR setting does not match. For example, if Dolby B NR is on and the tape was recorded with no Dolby NR.



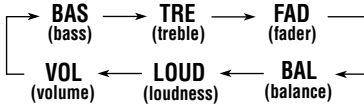
Adjusting the sound

You can adjust the sound characteristics to your preference.

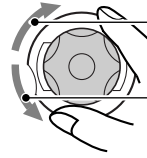
1 Select the item you want to adjust.



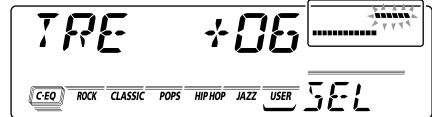
Each time you press the button, the adjustable items change as follows:



2 Adjust the level.



Equalization pattern changes as you adjust the bass or treble.



Note:

Normally the control dial works for volume adjustment. So you do not have to select "VOL" to adjust the volume level.

Indication	To do:	Range
BAS	Adjust the bass.	-06 (min.) +06 (max.)
TRE	Adjust the treble.	-06 (min.) +06 (max.)
FAD*	Adjust the front and rear speaker balance.	R06 (Rear only) F06 (Front only)
BAL	Adjust the left and right speaker balance.	L06 (Left only) R06 (Right only)
LOUD	Boost low and high frequencies to produce a well-balanced sound at low volume level.	LOUD ON LOUD OFF
VOL	Adjust the volume.	00 (min.) 50 (max.)

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



Selecting preset sound modes (C-EQ: Custom Equalizer)

You can select a preset sound mode (C-EQ: Custom Equalizer) suitable to the music genre.

1 Press EQ.



The last selected sound mode is recalled and applied to the current sound.



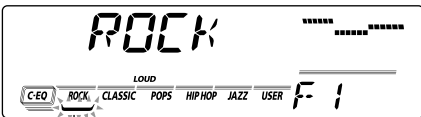
Sound mode indicator flashes

Ex.: If you have selected "USER" previously

2 Select the sound mode you want.



Each time you press the button, the sound modes change as follows:



Sound mode indicator flashes.

Ex.: When you select "ROCK"

Indication	For:	Preset values		
		BAS	TRE	LOUD
USER	(Flat sound)	00	00	OFF
ROCK	Rock or disco music	+03	+01	ON
CLASSIC	Classical music	+01	-02	OFF
POPS	Light music	+04	+01	OFF
HIP HOP	Funk or Rap music	+02	00	ON
JAZZ	Jazz music	+02	+03	OFF

Note:

You can adjust each 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 15.

To store a sound mode separately for each playback source (C-EQ Link)

You can select a sound mode and store it in memory. It will be recalled every time you select the same source and will be shown on the display. A sound mode can be stored for each of the following sources — FM1, FM2, FM3, AM, tape and external components.

- 1 Press and hold SEL (select) for more than 2 seconds so that one of the PSM items appears on the display.
- 2 Press **▶▶|** **▲** or **|◀◀** **▼** to select "CEQ LINK (custom equalizer link)."
- 3 Turn the control dial clockwise to select "LINK ON."
- 4 Press SEL (select) to finish the setting.

To cancel C-EQ Link, repeat the same procedure and select "LINK OFF" in step 3.

Note:

When you change the "CEQ LINK" setting, the sound mode (C-EQ) is automatically reset to "USER."



- When “CEQ LINK” is set to “LINK ON,”
The selected sound mode can be stored in memory for the current source. Each time you change to the same source, the same sound mode is also recalled and shown on the display. The C-EQ indicator also flashes.
- When “CEQ LINK” is set to “LINK OFF”
The selected sound mode effect applies to any source.

Storing your own sound adjustments

You can adjust the sound modes to your preference and store your own adjustments in memory.

- There is a time limit in doing the following procedure. If the setting is canceled before you finish, start from step 1 again.

1 Call up the sound mode you want to adjust.



The last selected sound mode is recalled and applied to the current sound.



Sound mode indicator flashes

Ex.: If you have selected “ROCK” previously

2 Select the sound mode you want to adjust.

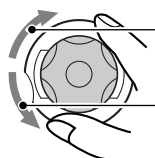


3 Select the item you want to adjust.



- See page 13 for details.

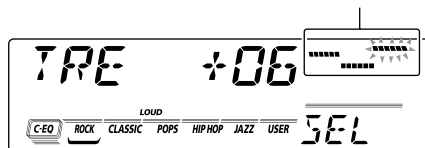
4 Adjust the level.



To increase the level.

To decrease the level.

Equalization pattern changes as you adjust the bass or treble.



Ex.: When you adjust “TRE”

5 Repeat steps 3 and 4 to adjust the other items.

6 Repeat the same procedure to store other sound modes.

To reset to the factory settings, repeat the same procedure and reassign the preset values listed in the table on page 14.

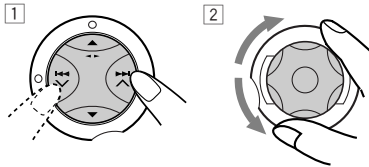
Setting the clock

- 1 Press and hold SEL (select) for more than 2 seconds so that one of the PSM items appears on the display. (See page 17.)



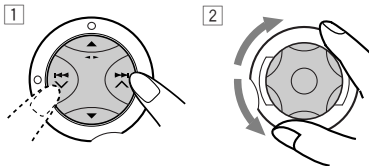
- 2 Set the hour.

- 1 Select "CLOCK H (hour)" if not shown on the display.
- 2 Adjust the hour.



- 3 Set the minute.

- 1 Select "CLOCK M (minute)." if not shown on the display.
- 2 Adjust the minute.



- 4 Finish the setting.



To check other information during play, press DISP (display).

Each time you press the button, the other information (either the clock or the source name) will be shown on the lower part of the display for a while (except when "LINE IN" is selected as the source).

- During tuner operation:
Band ↔ Clock
- During tape operation:
TAPE ↔ Clock
- During CD changer operation:
Disc number ↔ Clock

To check the current clock time while the unit is turned off, press DISP (display).

The power turns on, the clock time is shown for 5 seconds, then the power turns off.

Changing the general settings (PSM)

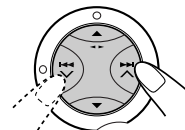
You can change the items listed on the next page by using the PSM (Preferred Setting Mode) control.

Basic Procedure

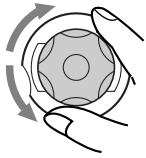
- 1 Press and hold SEL (select) for more than 2 seconds so that one of the PSM items appears on the display. (See page 17.)



- 2 Select the PSM item you want to adjust. (See page 17.)



3 Adjust the PSM item selected.



4 Repeat steps 2 and 3 to adjust the other PSM items if necessary.

5 Finish the setting.



Preferred Setting Mode (PSM) items

						Factory-preset settings	See page
Hold.	Select.	Set. Counter-clockwise	Clockwise				
CLOCK H	Hour adjustment	Back	Advance	1:00	16		
CLOCK M	Minute adjustment	Back	Advance				
CEQ LINK	Custom equalizer linkage	LINK OFF	LINK ON	LINK OFF	15, 18		
LEVEL	Level display	AUDIO 1 ↔ AUDIO 2 ↙ OFF ↘		AUDIO 2	18		
DIMMER*	Dimmer mode	AUTO ↔ OFF ↙ ON ↘		AUTO	18		
TEL*	Telephone muting	MUTING 1 ↔ MUTING 2 ↙ OFF ↘		OFF	18		
B. SKIP	Blank skip	OFF	ON	OFF	12		
EXT IN**	External component	CHANGER	LINE IN	CHANGER	18		

- Press SEL (select) to finish the setting.

* Only for KS-FX911.

** Displayed only when one of the following sources is selected – FM, AM and tape.

To set Custom Equalizer Link – CEQ LINK

A different sound mode (C-EQ) can be stored in memory for each source so that you can change the sound modes simply by changing the sources. When shipped from the factory, this mode is deactivated.

- LINK ON: Different sound modes for different sources.
- LINK OFF: One sound mode for all sources.

To select the level meter – LEVEL

You can select the level display according to your preference.

When shipped from the factory, “AUDIO 2” is selected.

- AUDIO 1: Level meter illuminates from bottom to top.
- AUDIO 2: Alternates level meter (moves from bottom to top) and illumination display.
- OFF: Erases the audio level indicator.

To select the dimmer mode – DIMMER (only for KS-FX911)

When you turn on the car head lights, the display automatically dims (Auto Dimmer).

When shipped from the factory, Auto Dimmer mode is activated.

- AUTO: Activates Auto Dimmer.
- OFF: Cancels Auto Dimmer.
- ON: Always dims the display.

Note:

Auto Dimmer equipped with this unit may not work correctly on some vehicles, particularly on those having a control dial for dimming.

In this case, set the dimmer mode to “ON” or “OFF.”

To select the telephone muting – TEL (only for KS-FX911)

This mode is used when a cellular phone system is connected. Depending on the phone system used, select either “MUTING 1” or “MUTING 2,” whichever mutes the sounds from this unit.

When shipped from the factory, this mode is deactivated.

- MUTING 1: Select this if this setting can mute the sounds.
- MUTING 2: Select this if this setting can mute the sounds.
- OFF: Cancels the telephone muting.

To select the external component to use – EXT IN

You can connect the external component to the CD changer jack on the rear using the Line Input Adaptor KS-U57 (not supplied).

To use the external component as the playback source through this unit, you need to select which component – CD changer or external component – to use.

When shipped from the factory, CD changer is selected as the external component.

- LINE IN: To use the external component other than CD changer.
- CHANGER: To use the CD changer.

Note:

For connecting the Line Input Adaptor KS-U57 and the external component, refer to the Installation/Connection Manual (separate volume).

Detaching the control panel

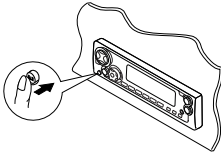
You can detach the control panel when leaving the car.

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.

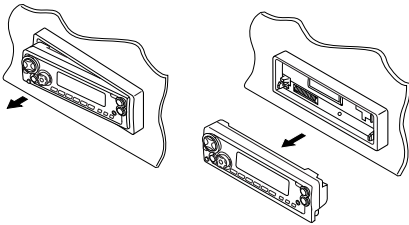
Detaching the control panel

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

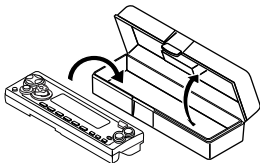
- 1 Unlock the control panel.



- 2 Pull the control panel out of the unit.

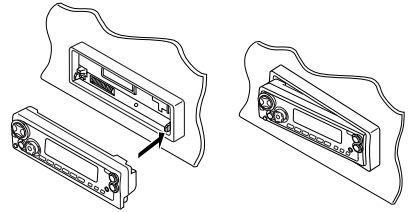


- 3 Put the detached control panel into the provided case.

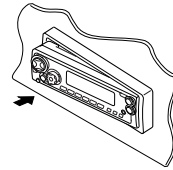


Attaching the control panel

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



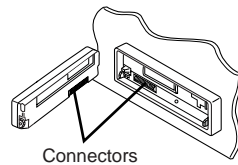
- 2 Press the left side of the control panel to fix it to the panel holder.



Note on cleaning the connectors:

If you frequently detach the control panel, the connectors will deteriorate.

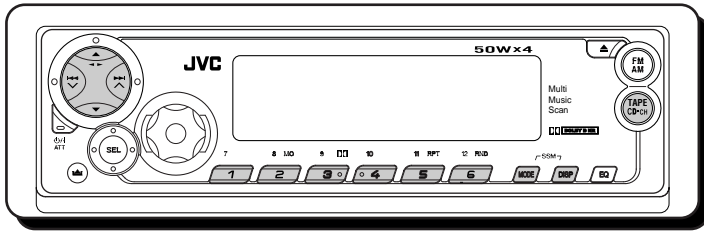
To minimize this possibility, periodically wipe the connectors with a cotton swab or cloth moistened with alcohol, being careful not to damage the connectors.





CD CHANGER OPERATIONS

ENGLISH



We recommend that you use one of the CH-X series with your unit.

If you have another CD automatic changer, consult your JVC car audio dealer for connections.

• For example, if your CD automatic changer is one of the KD-MK series, you need a cord (KS-U15K) for connecting it to this unit.

Before operating your CD automatic changer:

- Refer also to the Instructions supplied with your CD changer.
- If no discs are in the magazine of the CD changer or the discs are inserted upside down, "NO DISC" will appear on the display. If this happens, remove the magazine and set the discs correctly.
- If "RESET 1" – "RESET 8" appears on the display, something is wrong with the connection between this unit and the CD changer. If this happens, check the connection and make sure the cords are connected firmly. Then, press the reset button of the CD changer.

Playing CDs

Select the CD automatic changer (CD).

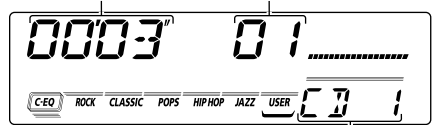


* If you have not connected a CD changer, or if you have changed the "EXT IN" setting to "LINE IN" (see page 18), you cannot select the CD changer.

Playback starts from the first track of the first disc.

All tracks of all discs are played back.

Elapsed playing time Track number



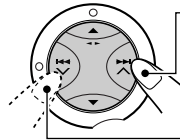
Disc number**

** The clock time is shown if you press DISP (display) to see the clock time. (See page 16.)

Note on One-Touch Operation:

When you press TAPE CD-CH, the power automatically turns on. You do not have to press ATT to turn on the power.

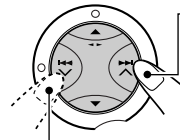
To fast-forward or reverse the track



Press and hold , while playing a CD, to fast-forward the track.

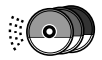
Press and hold , while playing a CD, to reverse the track.

To go to the next tracks or the previous tracks

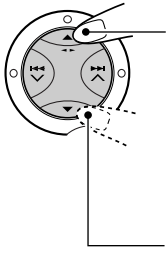


Press briefly, while playing a CD, to go ahead to the beginning of the next track. Each time you press the button consecutively, the beginning of the next tracks is located and played back.

Press briefly, while playing a CD, to go back to the beginning of the current track. Each time you press the button consecutively, the beginning of the previous tracks is located and played back.



To go to the next discs or the previous discs

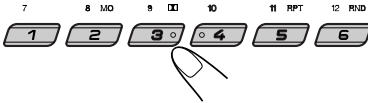


Press ▲, while playing a disc, to go to the next disc. Each time you press the button consecutively, the first track of the next disc is located and played back.

Press ▼, while playing a disc, to go to the previous disc. Each time you press the button consecutively, the first track of the previous disc is located and played back.

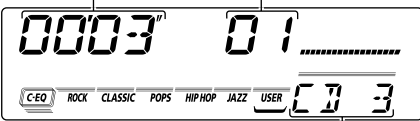
To go to a particular disc directly

Press the number button corresponding to the disc number to start its playback (while the CD changer is playing).



- To select a disc number from 1 – 6: Press 1 (7) – 6 (12) briefly.
- To select a disc number from 7 – 12: Press and hold 1 (7) – 6 (12) for more than 1 second.

Elapsed playing time Track number



Disc number**

** The clock time is shown if you press DISP (display) to see the clock time. (See page 16.)

Selecting CD playback modes

To play back tracks at random (Random Play)



- 1 Press MODE to enter the functions mode while playing a disc. "MODE" appears on the lower part of the display, and the number buttons work as different function buttons.



- 2 Press RND (random), while "MODE" is still on the display, so that the RND indicator lights up on the display. Then, each time you press RND (random), the random play mode changes as follows:



Mode	RND Indicator	Plays at random
RND1	Lights	All tracks of the current disc, then the tracks of the next disc and so on.
RND2	Flashes	All tracks of all discs inserted in the magazine.

To play back tracks repeatedly (Repeat Play)



- 1 Press MODE to enter the functions mode while playing a disc. "MODE" appears on the lower part of the display, and the number buttons work as different function buttons.



- 2 Press RPT (repeat), while "MODE" is still on the display, so that the RPT indicator lights up on the display. Then, each time you press RPT (repeat), the repeat play mode changes as follows:

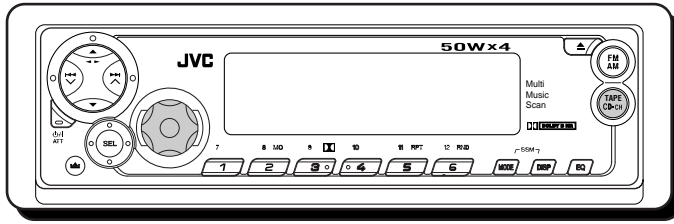


Mode	RPT Indicator	Plays repeatedly
RPT1	Lights	The current track (or specified track).
RPT2	Flashes	All tracks of the current disc (or specified disc).



EXTERNAL COMPONENT OPERATIONS

ENGLISH



Playing an external component

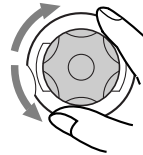
You can connect the external component to the CD changer jack on the rear using the Line Input Adaptor KS-U57 (not supplied).

Preparations:

- For connecting the Line Input Adaptor KS-U57 and the external component, refer to the Installation/Connection Manual (separate volume).
- Before operating the external component using the following procedure, select the external input correctly. (See "To select the external component to use – EXT IN" on page 18.)

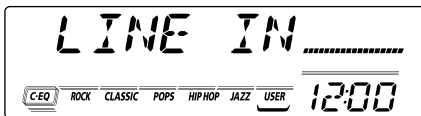
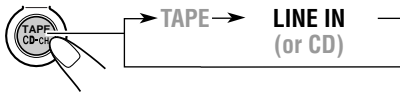
2 Turn on the connected component and start playing the source.

3 Adjust the volume.



4 Adjust the sound characteristics you want. (See pages 13 – 15.)

1 Select the external component (LINE IN).



- If "LINE IN" does not appear on the display, see page 18 and select the external input ("LINE IN").
- Displayed only when one of the following sources is selected – FM, AM and tape.

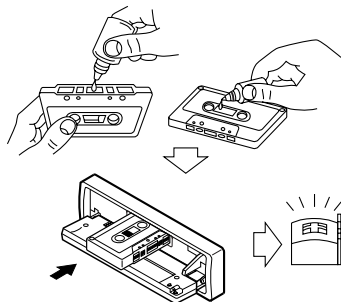
Note on One-Touch Operation:

When you press TAPE CD-CH, the power automatically comes on. You do not have to press P/I ATT to turn on the power.



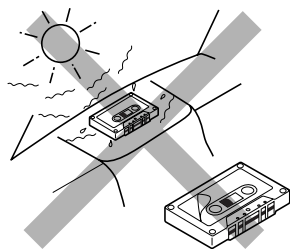
This unit requires very little attention, but you will be able to extend the life of the unit if you follow the instructions below.

To clean the head



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

CAUTION:

- Do not play the cassettes 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.

The function below is also provided to ensure the longer life of this unit.

Ignition key-off release/Ignition key-on play

- Turning off the ignition key with a cassette in the compartment automatically releases the tape from the unit's tapehead.
- Turning on the ignition key with a cassette in the compartment starts playback automatically if you turned off the ignition during tape play.



TROUBLESHOOTING

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

Symptoms	Causes	Remedies
• 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 to the right.
• A cassette tape cannot be ejected.	Cassette ejection is prohibited.	Press and hold TAPE CD-CH and /ATT for more than two seconds.
• Cassette tapes become hot.	This is not a malfunction.	_____
• Tape sound is at very low level and sound quality is degraded.	The tape head is dirty.	Clean it with a head cleaning tape.
• Sound is sometimes interrupted.	Connections are not good.	Check the cords and connections.
• Sound cannot be heard from the speakers.	The volume is turned to the minimum level.	Adjust it to the optimum level.
	Connections are incorrect.	Check the cords and connections.
• SSM (Strong-station Sequential Memory) automatic preset does not work.	Signals are too weak.	Store stations manually.
• Static noise while listening to the radio.	The antenna is not connected firmly.	Connect the antenna firmly.
• “NO DISC” appears on the display.	No CD is in the magazine.	Insert CDs into the magazine.
	CDs are inserted incorrectly.	Insert them correctly.
• “RESET 8” appears on the display.	This unit is not connected to a CD changer correctly.	Connect this unit and the CD changer correctly and press the reset button of the CD changer.
• “RESET 1” - “RESET 7” appears on the display.	_____	Press the reset button of the CD changer.
• This unit does not work at all. • The CD changer does not work at all.	The built-in microcomputer may function incorrectly due to noise, etc.	Press the reset button on the panel holder. (The clock setting and preset stations stored in memory are erased.) (See page 2.)

AUDIO AMPLIFIER SECTION

Maximum Power Output:

Front: 50 W per channel

Rear: 50 W per channel

Continuous Power Output (RMS):

Front: 19 W per channel into 4 Ω , 40 Hz to 20 000 Hz at no more than 0.8 % total harmonic distortion.

Rear: 19 W per channel into 4 Ω , 40 Hz to 20 000 Hz at no more than 0.8 % total harmonic distortion.

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

Tone Control Range:

Bass: ± 10 dB at 100 Hz

Treble: ± 9 dB at 10 kHz

Frequency Response: 40 Hz to 20 000 Hz

Signal-to-Noise Ratio: 70 dB

Line-Out Level/Impedance:

2.0 V/20 k Ω load (250 nWb/m)

TUNER SECTION

Frequency Range:

FM: 87.5 MHz to 108.0 MHz

AM: 531 kHz to 1 602 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 Hz to 15 000 Hz

Stereo Separation: 35 dB

Capture Ratio: 1.5 dB

[AM Tuner]

Sensitivity: 20 μ V

Selectivity: 35 dB

CASSETTE DECK SECTION

Wow & Flutter: 0.11% (WRMS)

Fast-Wind Time: 100 sec. (C-60)

Frequency Response (Dolby B NR OFF):

30 Hz to 16 000 Hz (Normal tape)

Signal-to-Noise Ratio: (Normal tape)

(Dolby B NR ON): 65 dB

(Dolby B NR OFF): 56 dB

Stereo Separation: 40 dB

GENERAL

Power Requirement:

Operating Voltage: DC 14.4 V

(11 V to 16 V allowance)

Grounding System: Negative ground

Allowable Operating Temperature:

0°C to +40°C

Dimensions (W x H x D):

Installation Size:

182 mm x 52 mm x 150 mm

Panel Size: 188 mm x 58 mm 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 2