

JVC



ENGLISH

DEUTSCH

FRANÇAIS

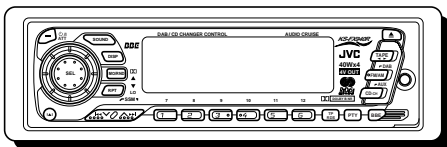
NETERLANDS

CASSETTE RECEIVER
CASSETTEN-RECEIVER
RADIOCASSETTE
RADIO/CASSETTESPELER

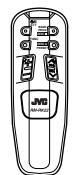
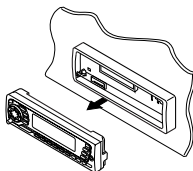
KS-FX940R/KS-FX840R



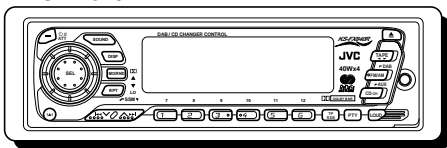
KS-FX940R



BBE



KS-FX840R



For installation and connections, refer to the separate manual.
Angaben zu Einbau und Verkabelung entnehmen Sie bitte der gesonderten Anleitung.
Pour l'installation et les raccordements, se référer au manuel séparé.
Zie de afzonderlijke handleiding voor details aangaande het installeren en verbinden van het toestel.

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 4



RADIO BASIC OPERATIONS 5

Listening to the radio 5
 Storing stations in memory 6
 FM station automatic preset: SSM 6
 Manual preset 7
 Tuning into a preset station 8



RDS OPERATIONS 9

What you can do with RDS EON 9
 Tracing the same programme automatically
 (Network-Tracking Reception) 9
 Using Standby Reception 11
 Selecting Your Favorite Programme for PTY
 Standby Reception 12
 Searching Your Favorite Programme 12
 Other convenient RDS functions and adjustments 15
 Automatic selection of the station when
 using the number buttons 15
 Changing the display mode while listening to an FM station 15
 Setting the TA volume level 15
 Automatic clock adjustment 16



TAPE OPERATIONS 17

Listening to a tape 17
 Automatic tape type detection 18
 Prohibiting cassette ejection 18
 Finding the beginning of a tune 19
 Other convenient tape functions 20
 Turning on/off Tuner Call Play 20
 Skipping the blank portions on the tape 20
 Playing the current tune repeatedly 20



SOUND ADJUSTMENTS 21

Turning on/off the BBE function (ONLY FOR KS-FX940R) 21
 Turning on/off the loudness function (ONLY FOR KS-FX840R) 21
 Selecting preset sound modes 22
 Adjusting the sound 23
 Storing your own sound adjustments 24



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.

OTHER MAIN FUNCTIONS 25

Setting the clock 25

Changing the general settings (PSM) 26

 Selecting the clock display 28

 Selecting the CD Text information display (ONLY FOR KS-FX940R) .. 28

 Selecting the level display 28

 Selecting the dimmer mode 29

 Controlling the volume automatically
 (Audio Cruise: ONLY FOR KS-FX940R) 29

 Selecting the telephone muting 31

 Turning on/off the key-touch tone 31

 Turning on/off the power amplifier switch (ONLY FOR KS-FX940R) ... 31

 Selecting the scroll mode (ONLY FOR KS-FX940R) 32

 Setting the name of the external component 32

 Selecting the frequency cutoff point (ONLY FOR KS-FX940R) 32

Detaching the control panel 33

REMOTE OPERATIONS 34

Installing the batteries 34

Using the remote controller 35

CD CHANGER OPERATIONS 36

Playing CDs 36

Selecting CD playback modes 38

Playing a CD text (ONLY FOR KS-FX940R) 38

EXTERNAL COMPONENT OPERATIONS 39

Using auxiliary players 39

Using a subwoofer (ONLY FOR KS-FX940R) 39

DAB TUNER OPERATIONS 40

Tuning into an ensemble and one of the services 40

Storing DAB services in memory 42

Tuning into a preset DAB service 44

MAINTENANCE 45

To extend the lifetime of the unit 45

TROUBLESHOOTING 46

SPECIFICATIONS 47



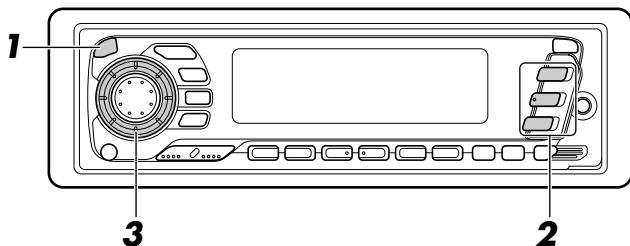
Note:

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.



BASIC OPERATIONS

ENGLISH



Note:

When you use this unit for the first time, set the built-in clock correctly. (See page 25.)

1

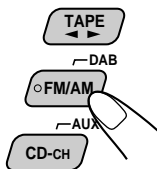


Turn on the power.

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, see pages 5 – 16.

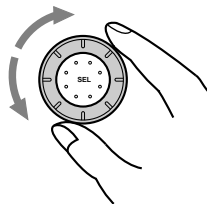
To operate the cassette deck, see pages 17 – 20.

To operate the CD changer, see pages 36 – 38.

To operate the external component connected to the auxiliary input jack on the front panel, see page 39.

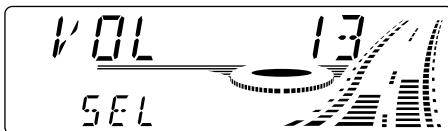
To operate the DAB tuner, see pages 40 – 44.

3



Adjust the volume.

Volume level appears.



4

Adjust the sound as you want (see pages 21 – 24).

To drop the volume in a moment

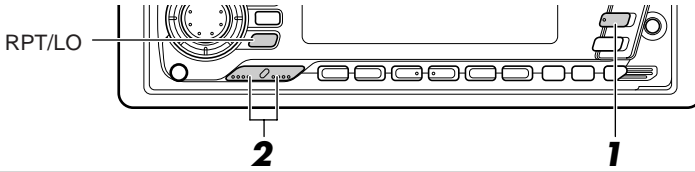
Press P/I/ATT briefly while listening to any source. “ATT” starts flashing on the display, and the volume level will drop in a moment.

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

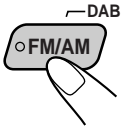
To turn off the power

Press P/I/ATT for more than 1 second.

Listening to the radio

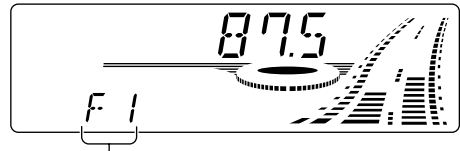
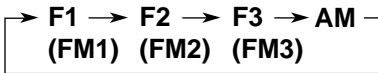


1



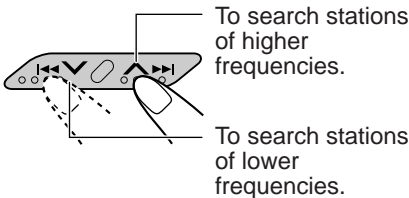
Select the band (FM1, FM2, FM3 or AM).

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



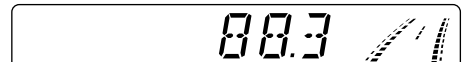
Selected band (or clock time: see page 28) appears.

2



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 without searching:

1 Press FM/AM/DAB repeatedly to select the band (FM or AM).

2 Press and hold or until "MANU (manual)" starts flashing on the display.

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

3 Press or 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.

To tune in FM stations with only strong signals

Press RPT/LO (Repeat/Local) so that the LOCAL indicator lights up on the display.

Each time you press the button, the LOCAL indicator lights up and goes off alternately.

Note:

This function only works while searching FM stations including SSM preset (see page 6).

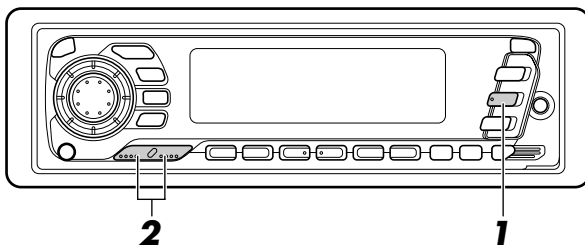


Storing stations in memory

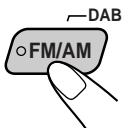
- You can use one of the following two methods to store broadcasting stations in memory.
- Automatic preset of FM stations: SSM (Strong-station Sequential Memory)
 - Manual preset of both FM and AM stations

FM station automatic preset: SSM

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



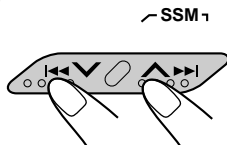
1



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



2



Press and hold both buttons for more than 2 seconds.



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

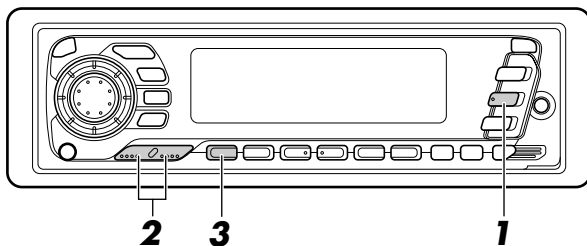
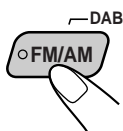
Local FM stations with the strongest signals are searched and stored automatically in the band number you have selected (FM1, FM2 or FM3). These stations are preset in the number buttons — No. 1 (lowest frequency) to No. 6 (highest frequency).

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

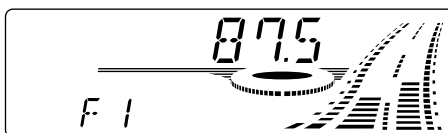
Manual preset

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

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

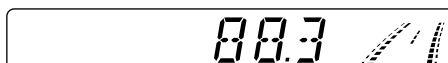
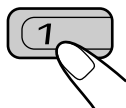

1


Select the FM1 band.


2


Tune into a station of 88.3 MHz.

See page 5 to tune into a station.


3


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



Preset number and "MEMO" flashes alternately for a while.


4

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

Notes:

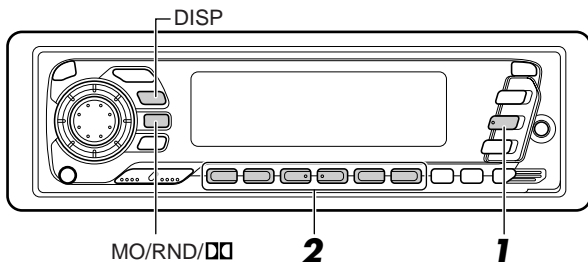
- A previously preset station is erased when a new station is stored in the same preset number.
- Preset stations are erased when the power supply to the memory circuit is interrupted (for example, during battery replacement). If this occurs, preset the stations again.



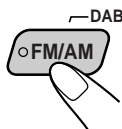
Tuning into a preset station

You can easily tune into a preset station.

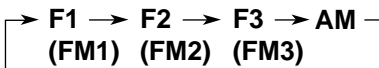
Remember that you must store stations first. If you have not stored them yet, see pages 6 and 7.



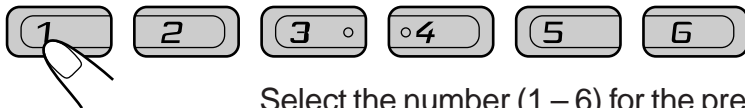
1



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



2



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

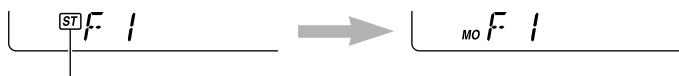
To change the display information while receiving an FM RDS station

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



When an FM stereo broadcast is hard to receive:

Press MO/RND/□□ (Mono/Random) while listening to an FM stereo broadcast. The MO (Mono) indicator lights up on the display. The sound you hear becomes monaural but reception will be improved.



Lights up when receiving an FM broadcast in stereo.

To restore the stereo effect, press the button again.



What you can do with RDS EON

RDS (Radio Data System) allows FM stations to send an additional signal along with their regular programme signals. For example, the station send their station names, as well as information about what type of programme they broadcast, such as sports or music, etc. Another advantage of RDS function is called “EON (Enhanced Other Networks).” The EON indicator lights up while receiving an FM station with the EON data. By using the EON data sent from a station, you can tune into a different station of a different network broadcasting your favorite programme or traffic announcement while listening to another programme or to another source such as tape.

By receiving the RDS signals, this unit can do the following:

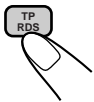
- Tracing the same programme automatically (Network-Tracking Reception)
- Standby Reception of TA (Traffic Announcement) or your favorite programme
- PTY (Programme Type) search
- TA (Traffic Announcement) search
- And some other functions

Tracing the same programme automatically (Network-Tracking Reception)

When driving in an area where FM reception is not good, the tuner built in this unit automatically tune in another RDS station, broadcasting the same programme with stronger signals. So, you can continue to listen to the same programme in its finest reception, no matter where you drive. (See the illustration on the next page.)

Two types of the RDS signals are used to make Network-Tracking Reception work correctly — PI (Programme Identification) and AF (Alternative Frequency) data.

Without receiving these data correctly from the RDS station you are listening to, Network-Tracking Reception will not operate.



To use Network-Tracking Reception, press and hold TP/RDS (Traffic Programme/Radio Data System) for more than 1 second. Each time you press and hold the button, Network-Tracking Reception modes change as follows:





Mode 1 (AF:on / REG:off)

Network-Tracking is activated with Regionalization set to “off.” Switches to another station within the same network when the receiving signals from the current station become weak.

Note:

In this mode, the programme may differ from the one currently received.

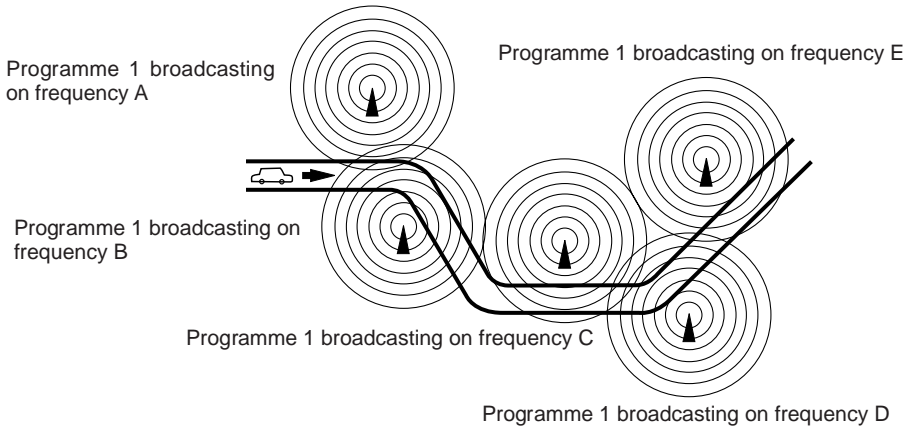
Mode 2 (AF:on / REG:on)

Network-Tracking is activated with Regionalization set to “on.” Switches to another station, within the same network, broadcasting the same programme when the receiving signals from the current station become weak.

Mode 3 (AF:off / REG:off)

Network-Tracking is deactivated.

The same programme can be received on different frequencies.





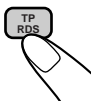
Using Standby Reception

Standby Reception allows the unit to switch temporarily to your favorite programme (PTY: Programme Type) and Traffic Announcement (TA) from the current source (another FM station, tape, CD and other connected components).

Note:

Standby Reception will not work if you are listening to an AM station.

TA Standby Reception



- When you press TP/RDS while listening to an FM station, the TP indicator is lit during reception of a TP (Traffic Programme) station and the TA standby mode is engaged.

Note:

When the station being received is not a TP station, the TP indicator flashes. Press $\blacktriangle\blacktriangleright\blacktriangleright\blacktriangleright$ or $\blacktriangleleft\blacktriangleleft\blacktriangleleft$ to engage the TA standby mode. "SEARCH" appears on the display, and TP station search starts. When a TP station is tuned in, the TP indicator is lit.

- If you are listening to a tape or CD, and wish to listen to a TP station, press TP/RDS to enter the TA standby mode. (The TP indicator lights up.)

If a traffic programme starts broadcasting while the TA standby mode is active, "TRAFFIC" appears and the playback source changes to the FM band. The volume increases to the preset TA volume level and the traffic programme can be heard (see page 15).

To deactivate the TA standby mode, press TP/RDS again.

PTY Standby Reception



- When you press PTY while listening to an FM station, the PTY indicator is lit during reception of a PTY station and the PTY standby mode is engaged. The selected PTY name stored on page 13 flashes for 5 seconds.

Note:

When the station being received is not a PTY station, the PTY indicator flashes. Press $\blacktriangle\blacktriangleright\blacktriangleright\blacktriangleright$ or $\blacktriangleleft\blacktriangleleft\blacktriangleleft$ to engage the PTY standby mode. "SEARCH" appears on the display, and PTY station search starts. When a PTY station is tuned in, the PTY indicator is lit.

- If you are listening to a tape or CD, and wish to listen to a selected PTY broadcast, press PTY to enter the PTY standby mode. (The PTY indicator lights up.)

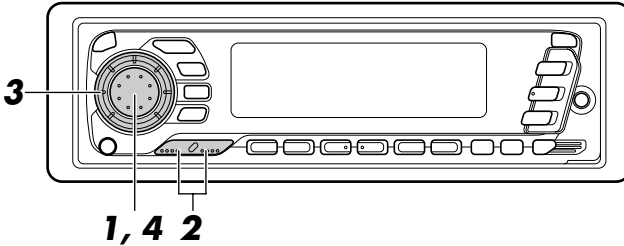
If the selected PTY programme starts broadcasting while the PTY standby mode is active, the selected PTY name appears and the playback source changes to the FM band. The selected PTY programme can then be heard.

To deactivate the PTY standby mode, press PTY again.



Selecting Your Favorite Programme for PTY Standby Reception

You can select your favorite programme for PTY Standby Reception to store in memory. When shipped from the factory, "NEWS" is stored as the programme type for PTY Standby Reception.

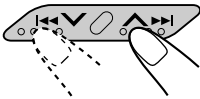


1



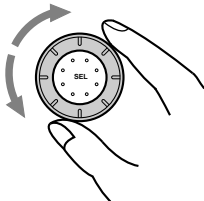
Press and hold SEL (select) for more than 2 seconds to call up the Preferred Setting Mode (PSM: see page 26).

2



Select "PTY STBY (standby)" if not shown on the display.

3



Select one of twenty-nine PTY codes. (See page 16.)
Selected code name appears on the display and is stored into memory.

4



Finish setting.

Searching Your Favorite Programme

You can search one of your 6 favorite programme types stored in memory. When shipped from the factory, the following 6 programme types have been stored in the number buttons (1 to 6).

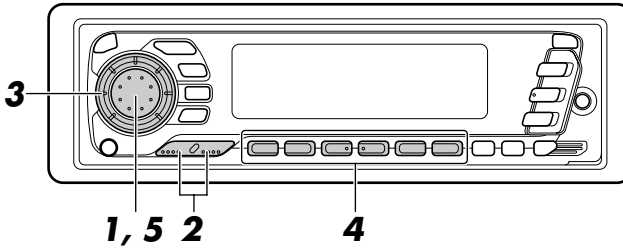
To change the factory preset settings, see page 13.

To search your favorite programme, see page 14.

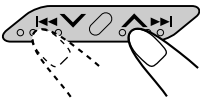
1	2	3	4	5	6
POP M	ROCK M	EASY M	CLASSICS	AFFAIRS	VARIED



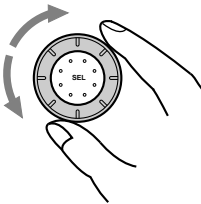
To store your favorite programme types

**1**

Press and hold SEL (select) for more than 2 seconds to call up the Preferred Setting Mode (PSM: see page 26).

2

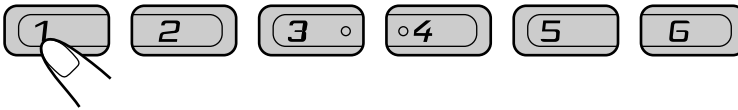
Select "PTY SRCH (search)" if not shown on the display.

3

Select one of twenty-nine PTY codes. (See page 16.)

Selected code name appears on the display.

- If the code already stored in memory is selected, it will flash on the display.

4

Press and hold the number button for more than 2 seconds to store the PTY code selected into the preset number you want.

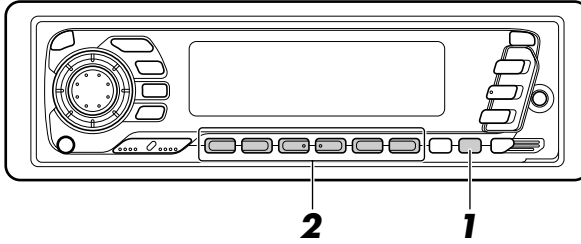
PTY preset number appears, and selected code name and "MEMORY" alternates on the display.

5

Finish setting.



To search your favorite programme type

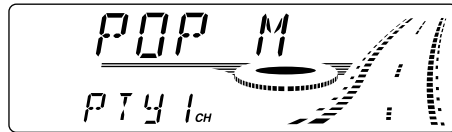


1

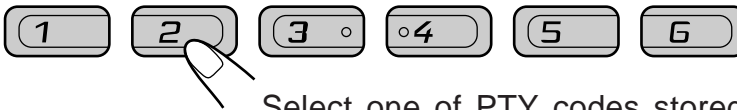


Press and hold PTY (programme type) for more than 1 second while listening to an FM station.

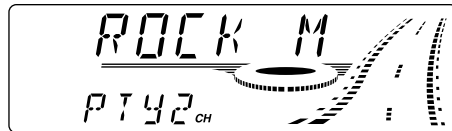
The last selected PTY code and preset number appear.



2



Select one of PTY codes stored in preset number buttons (1 to 6).



Ex. When "ROCK M" is stored in preset number button 2.

PTY search for your favorite programme starts after 5 seconds.

- If there is a station broadcasting a programme of the same PTY code you selected, that station is tuned in.
- If there is no station broadcasting a programme of the same PTY code you selected, the station will not change.

Note:

In some areas, the PTY search will not work correctly.



Other convenient RDS functions and adjustments

Automatic selection of the station when using the number buttons

Usually when you press the number button, the preset station is tuned in.

However, when the preset station is an RDS station, something different will happen. If the signals from that preset station are not sufficient for good reception, this unit starts searching another station broadcasting the same programme as the original preset station is broadcasting, then if any station broadcasting the same programme is found, the station will be tuned in.

Changing the display mode while listening to an FM station

You can change the initial indication on the display to either station name (PS) or to station frequency, while listening to an FM RDS station.

• See also “Changing the general settings (PSM)” on page 26.

1. Press and hold SEL (select) for more than 2 seconds so that “PSM” appears on the lower part of the display.
2. Select “TU DISP (tuner display)” with $\blacktriangle\blacktriangleright\blacktriangleright$ or $\blacktriangleleft\blacktriangleleft$.
3. Set to the desired indication (either station name or station frequency) with the control dial.

Note:

By pressing DISP, you can also change the display while listening to an FM RDS station.

Each time you press the button, the following information appears on the upper part of the display:

\rightarrow **PS (Station name)** \rightarrow **Station Frequency** \rightarrow **PTY (Programme type)**

* Then, the display goes back to the original indication in several seconds.

Setting the TA volume level

You can preset the volume level for TA Standby Reception. When a traffic programme is received, the volume level automatically changes to the preset level.

• See also “Changing the general settings (PSM)” on page 26.

1. Press and hold SEL (select) for more than 2 seconds so that “PSM” appears on the lower part of the display.
2. Select “TA VOL (volume)” with $\blacktriangle\blacktriangleright\blacktriangleright$ or $\blacktriangleleft\blacktriangleleft$.
3. Set to the desired volume with the control dial.



Automatic clock adjustment

When shipped from the factory, the clock built in this unit is set to be readjust automatically using the CT (Clock Time) data in the RDS signal.

If you do not want to use automatic clock adjustment, follow the procedure below.

• See also “Changing the general settings (PSM)” on page 26.

1. Press and hold SEL (select) for more than 2 seconds so that “PSM” appears on the lower part of the display.
2. Select “AUTO ADJ (adjust)” with ▲▶▶▶ or ◀◀◀▼.
3. Select “OFF” by turning the control dial counterclockwise.
Now automatic clock adjustment is canceled.

To reactivate clock adjustment, repeat the same procedure and select “ON” in step 3 by turning the control dial clockwise.

Note:

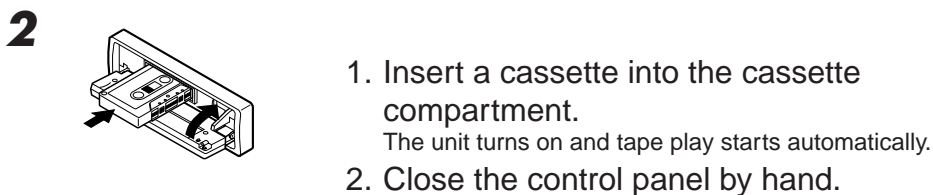
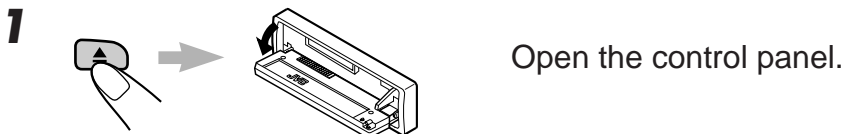
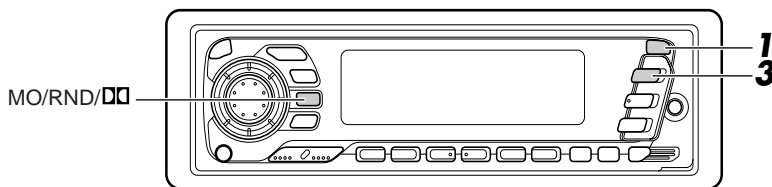
It takes about 2 minutes to adjust the time using the CT data. So, you must tune to the station for more than 2 minutes continuously; otherwise, the clock time will not be adjusted.

PTY codes

NEWS:	News	SOCIAL:	Programmes on social activities
AFFAIRS:	Topical programmes expanding on current news or affairs	RELIGION:	Programmes dealing with any aspect of belief or faith, or the nature of existence or ethics
INFO:	Programmes which impart advice on a wide variety of topics	PHONE IN:	Programmes where people can express their views either by phone or in a public forum
SPORT:	Sport events	TRAVEL:	Programmes about travel destinations, package tours, and travel ideas and opportunities
EDUCATE:	Educational programmes	LEISURE:	Programmes concerned with recreational activities such as gardening, cooking, fishing, etc.
DRAMA:	Radio plays	JAZZ:	Jazz music
CULTURE:	Programmes on national or regional culture	COUNTRY:	Country music
SCIENCE:	Programmes on natural science and technology	NATION M:	Current popular music from another nation or region, in that country's language
VARIED:	Other programmes like comedies or ceremonies	OLDIES:	Classic pop music
POP M:	Pop music	FOLK M:	Folk music
ROCK M:	Rock music	DOCUMENT:	Programmes dealing with factual matters, presented in an investigative style
EASY M:	Easy-listening music		
LIGHT M:	Light music		
CLASSICS:	Classical music		
OTHER M:	Other music		
WEATHER:	Weather information		
FINANCE:	Reports on commerce, trading, the Stock Market, etc.		
CHILDREN:	Entertainment programmes for children		



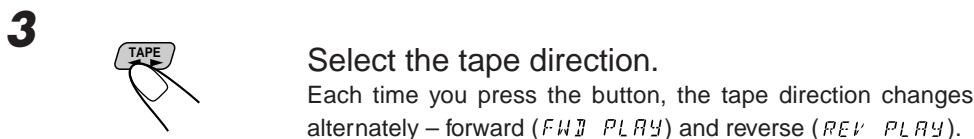
Listening to a tape



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

Note on One-Touch Operation:

When a cassette is already in the cassette compartment, pressing **TAPE** ◀▶ turns on the unit and starts tape play automatically.



To play back tapes recorded with the Dolby B NR

Press the **MO/RND/□□** button to set the Dolby B NR* system as required in step 2 above. The **□□** indicator lights up, and “DOLBY B” appears on the display for several seconds. To cancel the Dolby B NR, press the same button again.

* Dolby noise reduction manufactured under license from Dolby Laboratories Licensing Corporation.

“DOLBY” and the double-D symbol **□□** are trademarks of Dolby Laboratories Licensing Corporation.



To stop play and eject the cassette

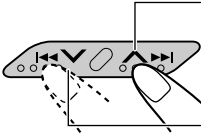
Press ▲.

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

If you change the source to FM, AM, CD changer or AUX, the tape play also stops (without ejecting the cassette this time).

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

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 ◀▶.

Tape play starts from that position on the tape.

Note:

While fast-forwarding or rewinding, this unit changes the source to the tuner. (Tuner Call Play)

If you do not want to use Tuner Call Play, you can cancel this function. See page 20 for details.

Automatic tape type detection

With the Automatic Tape Type Detection mechanism provided for this unit, you can listen to type I, II and IV tapes without changing any settings.

Prohibiting cassette ejection

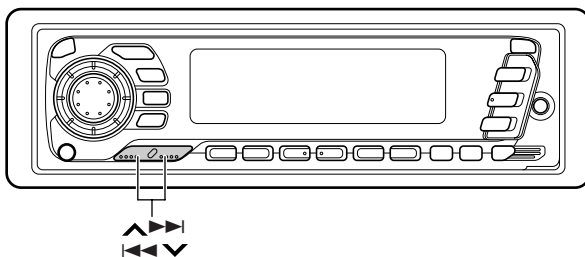
You can prohibit the cassette ejection and can “lock” a cassette in the cassette compartment. Press and hold TAPE ◀▶ and ⏸/ATT for more than 2 seconds. “NO EJECT” flashes on the display for about 5 seconds, and the cassette is “locked.”

To cancel the prohibition and “unlock” the cassette, press and hold TAPE ◀▶ and ⏸/ATT for more than 2 seconds again. “EJECT OK” flashes for about 5 seconds, and this time the cassette is “unlocked.”

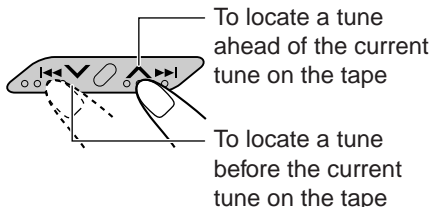


Finding the beginning of a tune

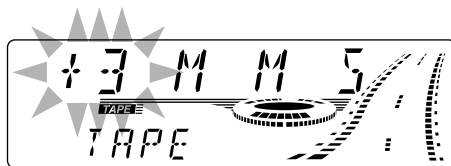
Multi Music Scan allows you to automatically start playback from the beginning of a specified tune. You can specify up to 9 tunes ahead of or before the current tune.



During playback



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



Each time you set the tune, 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.



Other convenient tape functions

Turning on/off Tuner Call Play

When you start fast-forwarding or rewinding a tape, the source changes to the tuner temporarily and you can listen to the last received station. After fast forward or rewind is stopped, tape play resumes automatically. When shipped from the factory, Tuner Call Play has been activated.

- See also “Changing the general settings (PSM)” on page 26.

1. Press and hold SEL (select) for more than 2 seconds so that “PSM” appears on the lower part of the display.
2. Select “TU CALL (tuner call)” with $\blacktriangle\blacktriangleright\blacktriangleright$ or $\blacktriangleleft\blacktriangleleft\blacktriangleleft$.
3. Set to the desired mode with the control dial.
The Tuner Call Play mode alternates between on and off.

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 26.

1. Press and hold SEL (select) for more than 2 seconds so that “PSM” appears on the lower part of the display.
2. Select “B. SKIP (blank skip)” with $\blacktriangle\blacktriangleright\blacktriangleright$ or $\blacktriangleleft\blacktriangleleft\blacktriangleleft$.
3. Select the desired mode with the control dial.
The Blank Skip mode alternates between on and off.

Note:

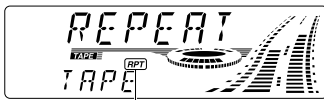
When the tape reaches its end while fast-forwarding, the tape direction will be changed automatically.

Playing the current tune repeatedly

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



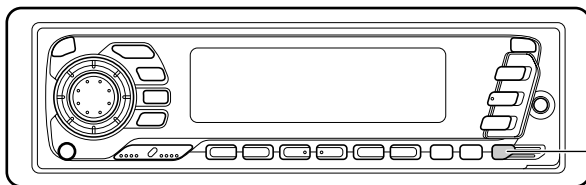
Each time you briefly press RPT/LO (Repeat/Local) while playing a tape, Repeat Play turns on and off alternately.



Lights up when Repeat Play is turned on.

Notes:

- 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.



BBE (For KS-FX940R)
LOUD (For KS-FX840R)

Turning on/off the BBE function

This section is ONLY FOR KS-FX940R.

The BBE* function restores the brilliance and clarity of the original live sound in recording, broadcasts, etc.

When a speaker reproduces sound, it introduces frequency-dependent phase shifting, causing high-frequency sounds to take longer to reach the ear than low frequency sounds. The BBE function adjusts the phase relationship between the low, mid and high frequencies by adding a progressively longer delay time to the low and mid frequencies, so that all frequencies reach the listener's ears at the proper time.

In addition, the BBE function boosts low and high frequencies, which loudspeakers tend to be less efficient in reproducing, through dynamic, program-driven augmentation. When combined with the phase compensation feature, the resulting sound has a clearer, more finely detailed "live" presence.

Each time you press BBE, the BBE function turns on and off alternately.



* Under license from BBE Sound, Inc.

BBE® is a trademark of BBE Sound, Inc.

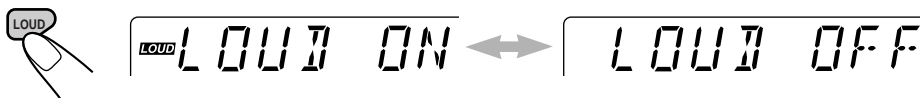
Turning on/off the loudness function

This section is ONLY FOR KS-FX840R.

The human ear is less sensitive to low and high frequencies at low volumes.

The loudness function can boost these frequencies to produce well-balanced sound at low volume level.

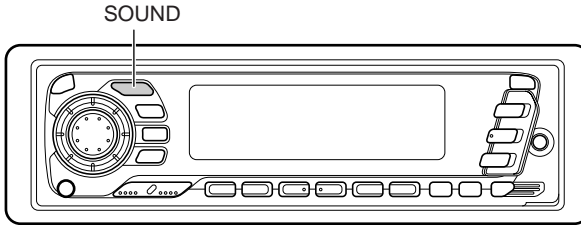
Each time you press LOUD, the loudness function turns on and off alternately.



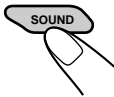


Selecting preset sound modes

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



Each time you press SOUND, the sound control mode (SCM) changes as follows.



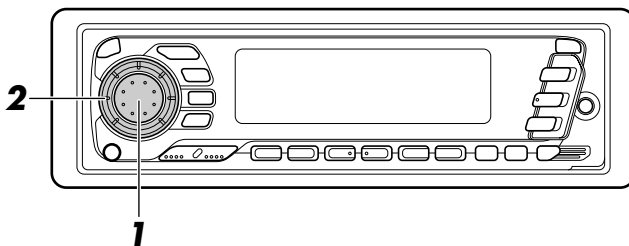
Indication	For:	Preset values		
		Bass	Treble	BBE (For KS-FX940R) Loudness (For KS-FX840R)
SCM OFF	(Flat sound)	00	00	On
BEAT	Rock or disco music	+02	00	On
SOFT	Quiet background music	+01	-03	Off
POP	Light music	+04	+01	Off

Notes:

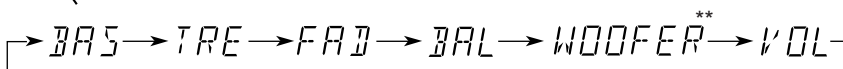
- You can adjust the preset sound control mode to your preference, and store in memory. If you want to adjust and store your original sound control mode, see “Storing your own sound adjustments” on page 24.
- To adjust only the bass and treble reinforcement levels to your preference, see “Adjusting the sound” on page 23.

Adjusting the sound

You can adjust the sound characteristics to your preference.


1


Select the item you want to adjust.

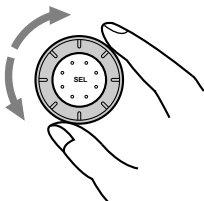


Indication	To do:	Range
BAS (Bass)	Adjust the bass	-06 (min.) — +06 (max.)
TRE (Treble)	Adjust the treble	-06 (min.) — +06 (max.)
FAD (Fader)*	Adjust the front and rear speaker balance	R06 (rear only) — F06 (front only)
BAL (Balance)	Adjust the left and right speaker balance	L06 (left only) — R06 (right only)
WOOFER** (Subwoofer)	Adjust the subwoofer	0 (min.) — 8 (max.)
VOL (Volume)	Adjust the volume	00 (min.) — 50 (max.)

Note:

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

** ONLY FOR KS-FX940R.

2


Adjust the level.

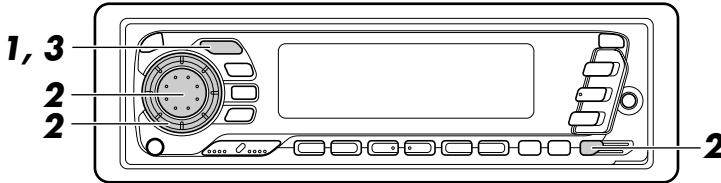
Note:

Normally the control dial works as the volume control. So you do not have to select “VOL” to adjust the volume level.

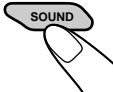


Storing your own sound adjustments

You can adjust the sound control modes (BEAT, SOFT, POP: see page 22) to your preference and store your own adjustments in memory.



1

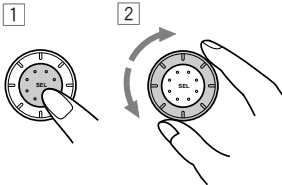


Call up the sound control mode you want to adjust.

See page 22 for details.

**Within
5 seconds**

2



To adjust the bass or treble level

1 Select "BAS" or "TRE."

**Within
5 seconds**

2 Adjust the bass or treble level.

KS-FX940R



KS-FX840R

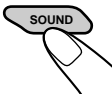


To turn on or off the BBE function (for KS-FX940R) or the loudness function (for KS-FX840R)

See page 21.

**Within
5 seconds**

3



Press and hold SOUND until the sound control mode you selected flashes on the display.

Your setting is stored in memory.

4

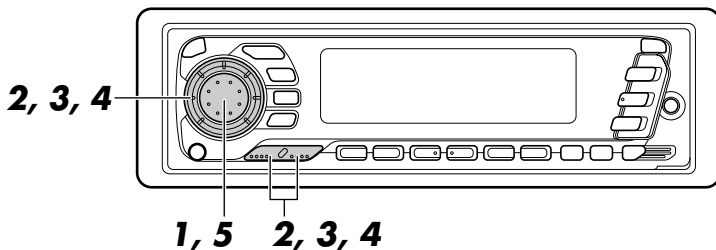
Repeat the same procedure to store other settings.


To reset to the factory settings

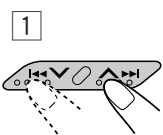
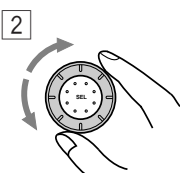
Repeat the same procedure and reassign the preset values listed in the table on page 22.

Setting the clock

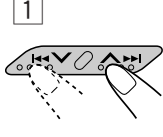
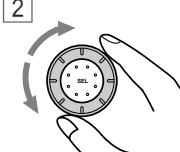
You can also set the clock system either to 24 hours or 12 hours.



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

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)."
- 2 Adjust the minute.

4   Set the clock system.

- 1 Select "24H/12H."
- 2 Select "24H" or "12H."

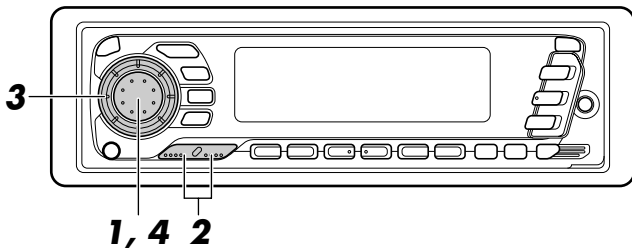
5  Start the clock.

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



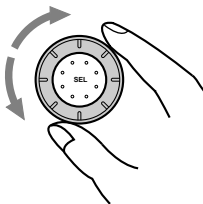
Press and hold SEL (select) for more than 2 seconds so that one of the PSM items appears on the display.

2



Select the PSM item you want to adjust. (See page 27.)

3



Select or adjust the PSM item selected above.

4



Finish setting.

1	2	3		Factory-preset settings	See page
	Select.	Set.			
CLOCK H	Hour adjustment	Back	Advance	0:00	25
CLOCK M	Minute adjustment	Back	Advance		
24H/12H	24/12-hour time display	12H	24H	24H	25
AUTO ADJ	Automatic setting of the clock	OFF	ON	ON	16
CLOCK	Clock display	OFF	ON	ON	28
TU DISP	Tuner display mode	FREQ	PS NAME	PS NAME	15
CH DISP*	CD Text display	P-TIME ↔ D-TITLE ↕ T-TITLE ↕		P-TIME	28
PTY STBY	PTY standby	29 programme types (See page 16.)		NEWS	12
PTY SRCH	PTY search			(See page 12.)	12
TA VOL	Traffic announcement volume	VOL (00-50)		VOL (20)	15
LEVEL	Level display	OFF	AUDIO	AUDIO	28
DIMMER	Dimmer	AUTO ↔ OFF ↕ ON ↕		AUTO	29
CRUISE*	Audio cruise	OFF ↔ CRUISE 1 ↕ CRUISE 2 ↕		OFF	29
RPM SET**	Idling speed	—		800 rpm	30
BOOST**	Boost	01 –15		05	30
TEL	Audio mute for cellular phone system	OFF ↔ MUTING 1 ↕ MUTING 2 ↕		OFF	31
BEEP	Key-touch tone	OFF	ON	ON	31
P-AMP SW*	Power amplifier switch	OFF	ON	ON	31
SCROLL*	Name display	ONCE ↔ AUTO ↕ OFF ↕		ONCE	32
AUX	Auxiliary component	EXTRA ↔ TV ↔ VIDEO ↕ CD ↔ MD ↕		EXTRA	32
CUTOFF F*	Frequency cutoff point	MID ↔ HIGH ↕ LOW ↕		MID	32
B.SKIP	Blank skip	OFF	ON	OFF	20
TU CALL	Tuner call	OFF	ON	ON	20

* ONLY FOR KS-FX940R.

** These items are ONLY FOR KS-FX940R. When you select “CRUISE 1” or “CRUISE 2” for Audio Cruise Mode, you can adjust these items.

- Press SEL (select) when the setting is complete.

Selecting the clock display

You can select either the clock or the source name to be shown on the lower part of the display. When shipped from the factory, the clock is selected.

- ON: Clock
- OFF: Source name (or station band)

1. Press and hold SEL (select) for more than 2 seconds so that "PSM" appears on the lower part of the display.
2. Select "CLOCK" with $\blacktriangle\blacktriangleright\blacktriangleright\blacktriangleright$ or $\blacktriangleleft\blacktriangleleft\blacktriangleleft$.
3. Select the desired mode with the control dial.
The clock display mode alternates between on and off.

ON \leftrightarrow OFF

To check the 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.

Selecting the CD Text information display (ONLY FOR KS-FX940R)

You can select what type of the CD Text information to be shown on the display while a CD Text is playing. When shipped from the factory, the playing time is selected.

- P-TIME: Playing time (elapsed) appears on the display.
- D-TITLE: Disc title appears on the display.
- T-TITLE: Track titles appear on the display.

1. Press and hold SEL (select) for more than 2 seconds so that "PSM" appears on the lower part of the display.
2. Select "CH DISP (display)" with $\blacktriangle\blacktriangleright\blacktriangleright\blacktriangleright$ or $\blacktriangleleft\blacktriangleleft\blacktriangleleft$.
3. Select the desired mode with the control dial.
The CD Text information display mode changes as follows:

\rightarrow P-TIME \leftrightarrow D-TITLE \leftrightarrow T-TITLE \leftarrow

To check the other information during play

Press DISP (display). Each time you press the button, the other information (playing time, disc title, and track titles) will be shown on the upper part of the display for a while.

Selecting the level display

You can select the level display according to your preference. When shipped from the factory, the level indicator on the display shows the audio level.

- AUDIO: Audio level indicator
- OFF: Volume level indicator

1. Press and hold SEL (select) for more than 2 seconds so that "PSM" appears on the lower part of the display.
2. Select "LEVEL" with $\blacktriangle\blacktriangleright\blacktriangleright\blacktriangleright$ or $\blacktriangleleft\blacktriangleleft\blacktriangleleft$.
3. Select the desired mode with the control dial.
The level display setting changes as follows:

AUDIO \leftrightarrow OFF

Selecting the dimmer mode

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

1. Press and hold SEL (select) for more than 2 seconds so that “PSM” appears on the lower part of the display.
2. Select “DIMMER” with $\blacktriangle\blacktriangleright\blacktriangleright$ or $\blacktriangleleft\blacktriangleleft$.
3. Select the desired mode with the control dial.

The dimmer mode changes as follows:



Note on Auto Dimmer:

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”.

Controlling the volume automatically (Audio Cruise: ONLY FOR KS-FX940R)

You can select the proper cruise mode for your car.

This unit change the volume level automatically (at 3 possible levels) based on the driving speed of your car by detecting the alternator’s generating frequency (Audio Cruise).

If you want to use this mode, follow the procedures below. When shipped from the factory, this mode is set to “OFF”.

- CRUISE 1: Select this if your car is relatively quiet.
 - CRUISE 2: Select this if your car is relatively loud.
 - OFF: Cancels Audio Cruise.
- The volume increase rate is twice as much as that of the CRUISE 1 setting.

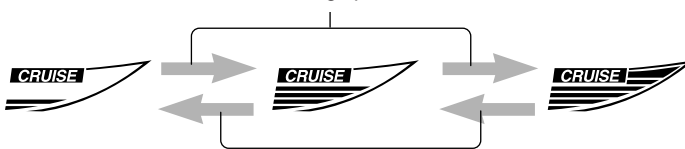
1. Press and hold SEL (select) for more than 2 seconds so that “PSM” appears on the lower part of the display.
2. Select “CRUISE” with $\blacktriangle\blacktriangleright\blacktriangleright$ or $\blacktriangleleft\blacktriangleleft$.
3. Select the desired mode with the control dial.

The cruise mode changes as follows:



When this function is turned on (the CRUISE indicator lights up on the display), the proper volume level is automatically selected among the 3 possible levels according to the driving speed, and the selected level is shown on the display.

When the driving speed increases.



When the driving speed decreases.

To adjust the volume increase rate

If you find Audio Cruise increases (or decreases) the volume either too much or too little as the driving speed changes. You can adjust the increase rate by changing the boost level. To change it, follow the procedure below.

1. Press and hold SEL (select) for more than 2 seconds so that “PSM” appears on the lower part of the display.
2. Select “CRUISE” with ▲▶▶▶ or ◀◀◀▼.
3. Select either “CRUISE 1” or “CRUISE 2” with the control dial.
4. Select “BOOST” with ▲▶▶▶ or ◀◀◀▼.

The current boost level appears on the display.

5. Select the desired boost level (among 01 to 15) as you want while the current boost level is shown on the display with the control dial.
 - To increase the volume increase rate, rotate it clockwise.
 - To decrease the volume increase rate, rotate it counterclockwise.

If Audio Cruise does not function correctly

You may need to store the idling speed into memory to make Audio Cruise function correctly.

NOTICE that a number of factors, such as electric power steering, wipers, power windows, air conditioner, etc. do generate noises and, as a result, may cause Audio Cruise not to function correctly. If this is the main cause of malfunction, connect the memory backup lead (yellow lead) directly to the car battery to prevent these noises from affecting Audio Cruise.

1. Start the engine and let it warm up.
2. Press and hold SEL (select) for more than 2 seconds so that “PSM” appears on the lower part of the display.
3. Select “CRUISE” with ▲▶▶▶ or ◀◀◀▼.
4. Select either “CRUISE 1” or “CRUISE 2” with the control dial.
5. Select “RPM SET” with ▲▶▶▶ or ◀◀◀▼.
6. Select the desired idling speed as you want with the control dial.

When the setting is complete, the unit automatically checks to see if Audio Cruise functions correctly with this new idling setting. If it does not function correctly, Audio Cruise is canceled automatically and the idling setting becomes invalid.

- *If this happens, see the NOTICE above.*

Selecting the telephone muting

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.

1. Press and hold SEL (select) for more than 2 seconds so that “PSM” appears on the lower part of the display.

2. Select “TEL (telephone)” with **▲▶▶▶** or **▶▶▶▼**.

3. Select the desired mode with the control dial.

The telephone muting mode changes as follows:



Turning on/off the key-touch tone

You can deactivate the key-touch tone if you do not want to make it beep when you press a button. When shipped from the factory, the key-touch tone is activated.

- **ON:** Activates the key-touch tone.
- **OFF:** Deactivates the key-touch tone.

1. Press and hold SEL (select) for more than 2 seconds so that “PSM” appears on the lower part of the display.

2. Select “BEEP” with **▲▶▶▶** or **▶▶▶▼**.

3. Select the desired mode with the control dial.

The key-touch tone alternates between on and off.

ON ↔ **OFF**

Turning on/off the power amplifier switch (ONLY FOR KS-FX940R)

You can switch off the built-in amplifier and send the audio signals only to the external amplifier(s) to get clear sounds and to prevent internal heat buildup inside this unit. When shipped from the factory, the power amplifier switch is turned on so that built-in amplifier works.

- **ON:** Select this mode when not using external power amplifier(s).
- **OFF:** Select this mode when using external power amplifier(s).

1. Press and hold SEL (select) for more than 2 seconds so that “PSM” appears on the lower part of the display.

2. Select “P-AMP SW (power amplifier switch)” with **▲▶▶▶** or **▶▶▶▼**.

3. Select the desired mode with the control dial.

The power amplifier switch alternates between on and off.

ON ↔ **OFF**

Selecting the scroll mode (ONLY FOR KS-FX940R)

You can select the scroll mode for the name display and disc information if it consists of more than 8 characters. When shipped from the factory, Auto Scroll mode is set to "ONCE."

- ONCE: Scrolls only once.
- AUTO: Repeats the scroll (5-second intervals in between).
- OFF: Cancels Auto Scroll.

1. Press and hold SEL (select) for more than 2 seconds so that "PSM" appears on the lower part of the display.
2. Select "SCROLL" with $\blacktriangle\blacktriangleright\blacktriangleright$ or $\blacktriangleleft\blacktriangleleft$.
3. Select the desired mode with the control dial.

The scroll mode changes as follows:



Note:

Even if the scroll mode is set to "OFF," you can scroll the display by pressing DISP for more than 1 second.

Setting the name of the external component

You can select the name of the external component which will be shown on the upper part of the display when you press CD-CH/AUX. When shipped from the factory, the name of the external component is set to "EXTRA."

1. Press and hold SEL (select) for more than 2 seconds so that "PSM" appears on the lower part of the display.
2. Select "AUX (auxiliary)" with $\blacktriangle\blacktriangleright\blacktriangleright$ or $\blacktriangleleft\blacktriangleleft$.
3. Select the desired source name with the control dial.

The source name to be shown on the upper part of the display changes as follows:



Selecting the frequency cutoff point (ONLY FOR KS-FX940R)

When a subwoofer is connected to the unit, you can select the frequency cutoff point to obtain the response you want. When shipped from the factory, the cutoff point is set to "MID."

- MID: Frequencies higher than 80 Hz are cut off.
- HIGH: Frequencies higher than 120 Hz are cut off.
- LOW: Frequencies higher than 50 Hz are cut off.

1. Press and hold SEL (select) for more than 2 seconds so that "PSM" appears on the lower part of the display.
2. Select "CUTOFF F (frequency)" with $\blacktriangle\blacktriangleright\blacktriangleright$ or $\blacktriangleleft\blacktriangleleft$.
3. Select the desired mode with the control dial.

The frequencies to be cut off change as follows:



Detaching the control panel

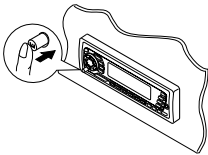
You can detach the control panel when leaving the car.

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.

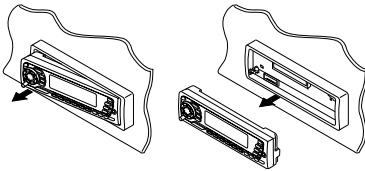
How to detach the control panel

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

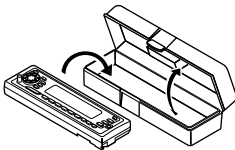
- 1 Unlock the control panel.



- 2 Pull the control panel out of the unit.

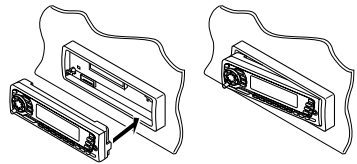


- 3 Put the detached control panel into the provided case.

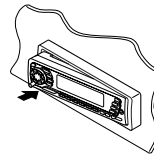


How to attach the control panel

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



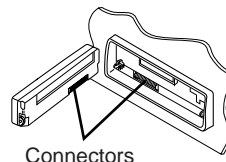
- 2 Press the left side of the control panel to fix it to the panel holder.



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.



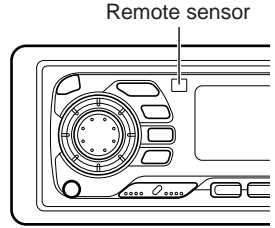
Connectors



REMOTE OPERATIONS

Before using the remote controller:

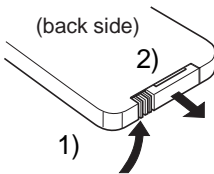
- Aim the remote controller directly at the remote sensor on the main unit. Make sure there is no obstacle in between.
- Do not expose the remote sensor to strong light (direct sunlight or artificial lighting).



Installing the batteries

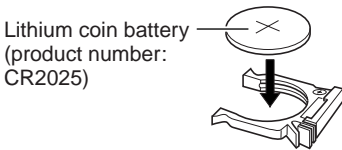
When the controllable range or effectiveness of the remote controller decreases, replace the batteries.

For KS-FX940R:



1. Remove the battery case.

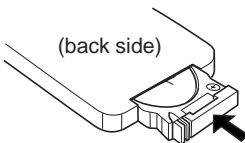
- 1) Push in the direction indicated by the arrow with your right hand thumbnail.
- 2) Remove the battery case.



Lithium coin battery
(product number:
CR2025)

2. Replace the battery.

Put the battery in the case with the + side facing upwards.



3. Return the battery case.

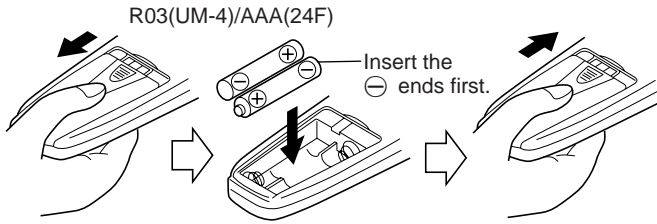
Insert again the battery case pushing until you hear a clicking sound.

WARNING:

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



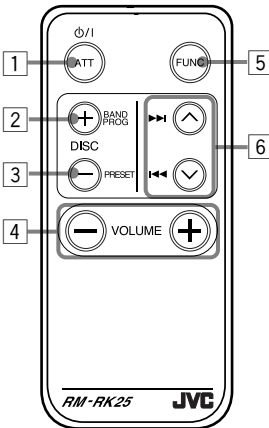
For KS-FX840R:



ENGLISH

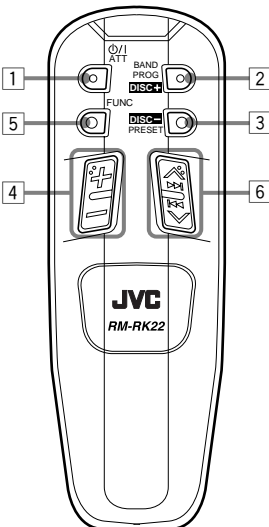
Using the remote controller

For KS-FX940R



- 1 Functions the same as the ϕ /I/ATT button on the main unit.
- 2
 - Functions as the BAND button while listening to the radio (or the DAB tuner). Each time you press the button, the band changes.
 - Functions as the DISC + button while listening to the CD changer. Each time you press the button, the disc number increases, and the selected disc starts playing.
 - Functions as the PROG button while listening to a tape. Each time you press the button, the tape direction changes alternately.
- 3
 - Functions as the PRESET button while listening to the radio (or the DAB tuner). Each time you press the button, the preset station number increases, and the selected station is tuned in.
 - Functions as the DISC - button while listening to the CD changer. Each time you press the button, the disc number decreases, and the selected disc starts playing.

For KS-FX840R



- 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 source.
Each time you press FUNC (function), the source changes.
- 6
 - Searches stations while listening to the radio.
 - Searches ensembles while listening to the DAB tuner.
 - Functions as the fast forward or rewind buttons or Multi Music Scan buttons while listening to a tape.
 - Fast-forwards or reverses the track if pressed and held while listening to a CD.
 - Skips to the beginning of the next tracks or goes back to the beginning of the current (or previous tracks) if pressed briefly while listening to a CD.



CD CHANGER OPERATIONS

ENGLISH

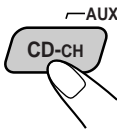
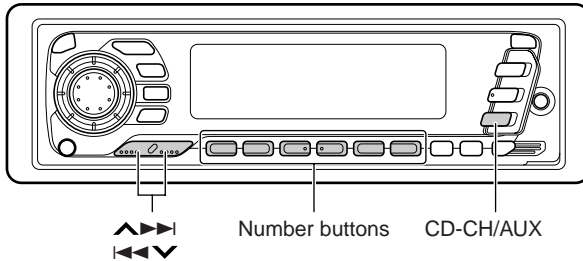
We recommend that you use one of the CH-X series (ex: CH-X1200) with your unit. If you have another CD automatic changer, consult your JVC IN-CAR ENTERTAINMENT dealer for connections.

- 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, connect the connecting cord(s) firmly if necessary, then press the reset button of the CD changer.

Playing CDs



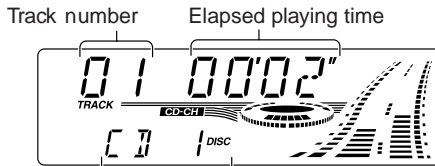
Select the CD automatic changer.

Each time you press the button, you can select the CD automatic changer and the external component alternately.

CD-CH ↔ AUX

Playback starts from the first track of the first disc.

All tracks of all discs are played back.



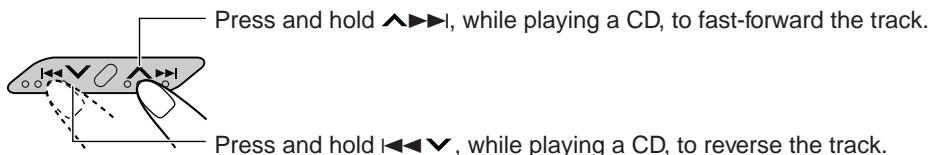
Disc number (or clock time:
see page 28) appears.

Note on One-Touch Operation:

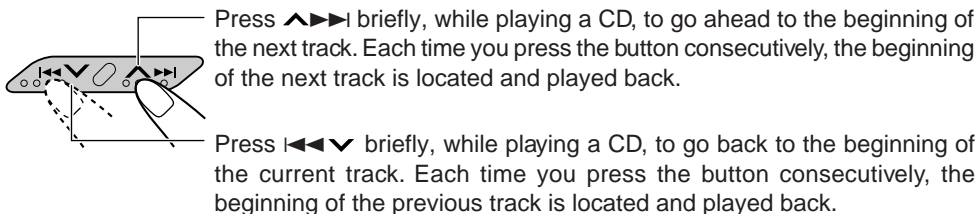
When you press CD-CH/AUX, the power automatically comes on. You do not have to press /I/ATT to turn on the power.



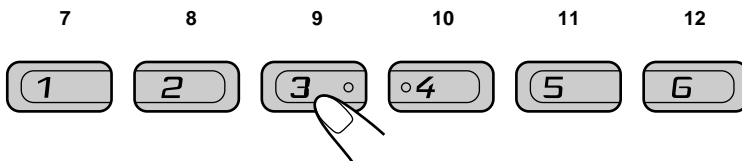
To fast-forward or reverse the track



To go to the next track or the previous track



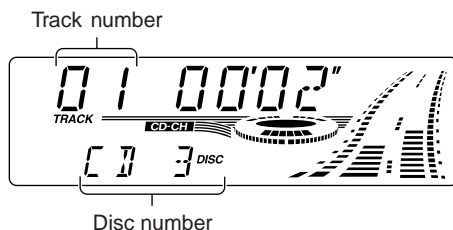
To go to a particular disc directly



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.

Ex. When disc number 3 is selected





Selecting CD playback modes

To play back tracks at random (Random Play)



Each time you press MO/RND/□□ (Mono/Random) while playing a CD, CD 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)



Each time you press RPT/LO (Repeat/Local) while playing a CD, CD repeat play mode changes as follows:



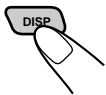
Mode	RPT Indicator	Plays repeatedly
RPT1	Lights	The current track (or specified track).
RPT2	Flashes	All tracks of the current disc (or specified disc).

Playing a CD Text

This section is **ONLY FOR KS-FX940R**.

Only when the CD changer with the CD Text function (ex. CH-X1200) is connected:

In a CD Text, some information about the disc (its disc title, performer and track title) is recorded. You can show these disc information on the display.



Each time you press the button while playing a CD Text, the display changes as follows:

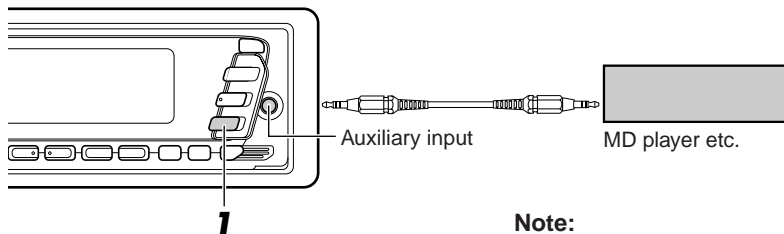


Notes:

- The display shows up to 8 characters at one time and scrolls if there are more than 8 characters. See also "Selecting the scroll mode" on page 32. Some characters or symbols will not be shown (and be blanked) on the display. (Ex. "ABC&!d#" ⇒ "ABCA D ")
- When you press DISP while playing a conventional CD, "NO NAME" appears for the disc title/performer and the track title.

Using auxiliary players

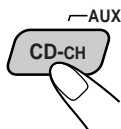
After connecting an external component to the auxiliary input jack on the front panel, you can select the component as the sound source.



Note:

Use a stereo mini-plug cord to connect an external component to the unit.

1




Select the external component.

Each time you press the button, you can select the CD automatic changer and the external component alternately.

Note:

When selecting an external component as the source, what appears on the upper part of the display depends on the "AUX" setting (see page 32).

Note on One-Touch Operation:

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

2

Operate the external component.

- Refer to the instructions supplied with your external component.

Using a subwoofer

This section is **ONLY FOR KS-FX940R**.

By connecting a subwoofer with the SUB WOOFER cord on the rear, enhanced bass sound can add a more realistic, theater atmosphere to your stereo system.

- Refer also to the instructions supplied with your subwoofer.

To select the frequency cutoff point, refer to "Selecting the frequency cutoff point" on page 32.

To adjust the subwoofer volume, refer to "Adjusting the sound" on page 23.

DAB TUNER OPERATIONS

ENGLISH

We recommend that you use DAB (Digital Audio Broadcasting) tuner KT-DB1500 with your unit.

If you have another DAB tuner, consult your JVC IN-CAR ENTERTAINMENT dealer.

- Refer also to the Instructions supplied with your DAB tuner.

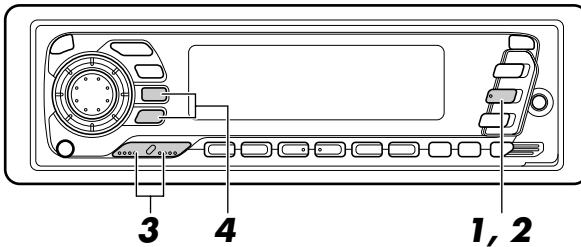
What is DAB system?

DAB is one of the digital radio broadcasting systems available today. It can deliver CD quality sound without any annoying interference and signal distortion. Furthermore, it can carry text, pictures and data.

In contrast to FM broadcast, where each programme is transmitted on its own frequency, DAB combines several programmes (called “services”) to form one “ensemble.” With the DAB tuner connected with this unit, you can enjoy these DAB services.

Tuning into an ensemble and one of the services

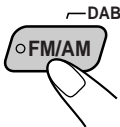
A typical ensemble has 6 or more programmes (services) broadcast at the same time. After tuning into an ensemble, you can select a service you want to listen to.



Before you start....

Press FM/AM/DAB briefly if you are selecting TAPE, CD changer or AUX as the source.

1

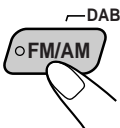


Select the DAB tuner.

Each time you press and hold the button for more than 1 second, the DAB tuner and the FM/AM tuner are alternately selected.

DAB ↔ FM/AM

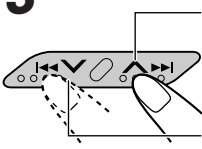
2



Select the DAB band (DAB1, DAB2, or DAB3).

You can select any one of DAB1, DAB2, and DAB3 to tune into an ensemble.

→ DAB 1 → DAB 2 → DAB 3

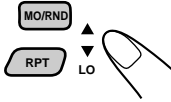
3


To search ensembles of higher frequencies.

To search ensembles of lower frequencies.

Start searching an ensemble.

When an ensemble is received, searching stops.

4


Select an service you want to listen to.

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

To change the display information while tuning into an ensemble

Normally service name is shown on the upper part of the display.

If you want to check the ensemble name or its frequency, press DISP.

Each time you press the button, the following information appears for a while on the upper part of the display.

→ **Service name** → **Ensemble name** → **Frequency**

To restore the FM/AM tuner

Press and hold FM/AM/DAB for more than 1 second again.

To tune in a particular ensemble without searching:

1 Press and hold FM/AM/DAB for more than 1 second.

2 Press FM/AM/DAB repeatedly to select the DAB band (DAB1, DAB2, or DAB3).

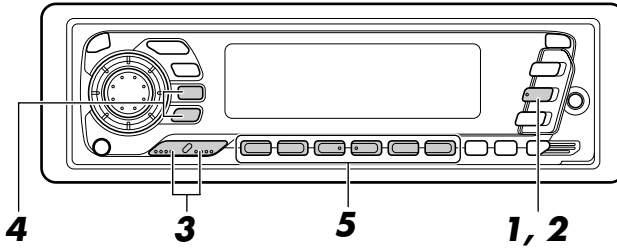
3 Press and hold ▲▶▶▶ or ◀◀◀▼ for more than 1 second.

4 Press ▲▶▶▶ or ◀◀◀▼ repeatedly until the ensemble you want is reached.

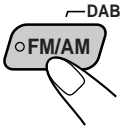
- If you hold down the button, the frequency keeps changing until you release the button.

Storing DAB services in memory

You can preset up to 6 DAB services in each DAB band (DAB1, DAB2 and DAB3) manually.



1

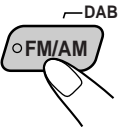


Select the DAB tuner.

Each time you press and hold the button, the DAB tuner and the FM/AM tuner are alternately selected.

DAB ↔ FM/AM

2

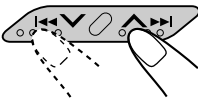


Select the DAB band (DAB1, DAB2, or DAB3) you want.

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

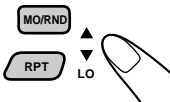
→ DAB 1 → DAB 2 → DAB 3 →

3



Tune into an ensemble you want.

4

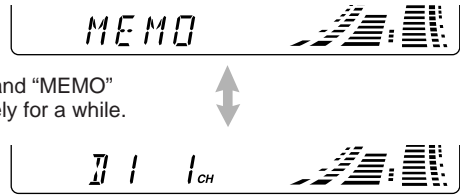


Select a service of the ensemble you want.

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



Preset number and "MEMO"
flashes alternately for a while.



- 6** Repeat the above procedure to store other DAB services into other preset numbers.

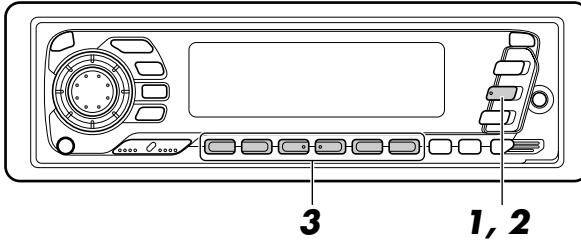
Notes:

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

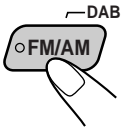
Tuning into a preset DAB service

You can easily tune into a preset DAB service.

Remember that you must store services first. If you have not stored them yet, see pages 42 and 43.



1

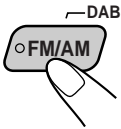


Select the DAB tuner.

Each time you press and hold the button, the DAB tuner and the FM/AM tuner are alternately selected.

DAB ↔ FM/AM

2

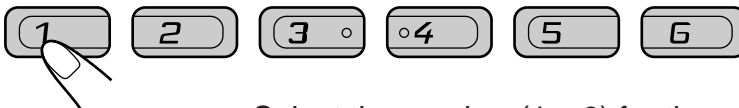


Select the DAB band (DAB1, DAB2, or DAB3) you want.

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

→ DAB 1 → DAB 2 → DAB 3

3

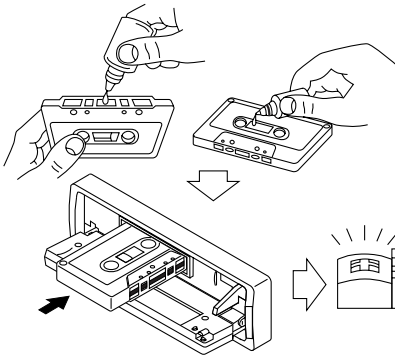


Select the number (1 – 6) for the preset DAB service you want.

To extend the lifetime of the unit

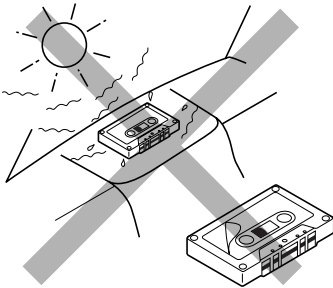
This unit requires very little attention, but you will be able to extend the life of the unit if you follow the instructions below.

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.

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

Ignition key-off Release/Ignition key-on play

- When you turn off the ignition key with a cassette in the compartment, the unit automatically releases the tape from its head.
- When you turn on the ignition key with a cassette in the compartment, playback automatically starts.



TROUBLESHOOTING

ENGLISH

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 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"> SSM (Strong-station Sequential Memory) automatic preset does not work. 	Signals are too weak.	Store stations manually.
<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"> "NO DISC" appears on the display. 	No CD is in the magazine.	Insert CDs into the magazine.
	CDs are inserted incorrectly.	Insert them correctly.
<ul style="list-style-type: none"> "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.
<ul style="list-style-type: none"> "RESET 1-RESET 7" appears on the display. 	_____	Press the reset button of the CD changer.
<ul style="list-style-type: none"> 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.	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.)

SPECIFICATIONS

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:

KS-FX940R: 4.0 V/20 k Ω load (CD changer mode)

KS-FX840R: 2.0 V/20 k Ω load (CD changer mode)

Output Impedance: 1 k Ω

Input: AUX (3.5 mm dia. stereo mini jack)

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: 1.5 dB

[MW Tuner]

Sensitivity: 20 μ V

Selectivity: 35 dB

[LW Tuner]

Sensitivity: 50 μ V

CASSETTE DECK SECTION

Wow & Flutter: 0.11% (WRMS)

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

Frequency Response (Dolby NR-OFF):

30 to 18,000 Hz (Metal/CrO₂ tape)

30 to 16,000 Hz (Normal tape)

Signal-to-Noise Ratio: (Normal tape)

(Dolby NR-ON): 65 dB

(Dolby NR-OFF): 56 dB

Stereo Separation: 40 dB

GENERAL

Power Requirement:

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

Allowable Operating Temperature:

0°C to +40°C

Grounding System: Negative ground

Dimensions (W x H x D)

Installation Size:

182 x 52 x 150 mm

Panel Size: 188 x 58 x 11 mm

Mass: 1.4 kg (excluding accessories)

Design and specifications subject to change without notice.



JVC
VICTOR COMPANY OF JAPAN, LIMITED



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1298MNMMDWJES