KENWOOD

KDC-MP4029
KDC-MP4029G
KDC-MP3029
KDC-3029
KDC-3029R
KDC-2029

CD-RECEIVER
INSTRUCTION MANUAL

KENWOOD CORPORATION

COMPACT
disc
DIGITAL AUDIO

Designed for
Windows
Media™
™

Contents

Safety precautions

⚠WARNING

To prevent injury or fire, take the following precautions:
• To prevent a short circuit, never put or leave any metallic objects (such as coins or metal tools) inside the unit.

⚠CAUTION

To prevent damage to the machine, take the following precautions:
• Make sure to ground the unit to a negative 12V DC power supply.
• Do not install the unit in a spot exposed to direct sunlight or excessive heat or humidity. Also avoid places with too much dust or the possibility of water splashing.
• Do not set the removed faceplate or the faceplate case in areas exposed to direct sunlight, excessive heat or humidity. Also avoid places with too much dust or the possibility of water splashing.
• To prevent deterioration, do not touch the terminals of the unit or faceplate with your fingers.
• Do not subject the faceplate to excessive shock, as it is a piece of precision equipment.
• When replacing a fuse, only use a new one with the prescribed rating. Using a fuse with the wrong rating may cause your unit to malfunction.
• Do not use your own screws. Use only the screws provided. If you use the wrong screws, you could damage the unit.

Do Not Load 8 cm (3 in.) CDs in the CD slot
If you try to load a 8 cm (3 in.) CD with its adapter into the unit, the adapter might separate from the CD and damage the unit.

About CD players/disc changers connected to this unit
KENWOOD disc changers/ CD players released in 1998 or later can be connected to this unit.
Refer to the catalog or consult your Kenwood dealer for connectable models of disc changers/ CD players.
Note that any KENWOOD disc changers/ CD players released in 1997 or earlier and disc changers made by other makers cannot be connected to this unit. Unsupported connection may result in damage. Setting the "O-N" Switch to the "N" position for the applicable KENWOOD disc changers/ CD players. The functions that can be used and the information that can be displayed will differ depending on the models being connected.

⚠
• You can damage both your unit and the CD changer if you connect them incorrectly.

Lens Fogging
Right after you turn on the car heater in cold weather, dew or condensation may form on the lens in the CD player of the unit. Called lens fogging, CDs may be impossible to play. In such a situation, remove the disc and wait for the condensation to evaporate. If the unit still does not operate normally after a while, consult your Kenwood dealer.

Notes

- If you experience problems during installation, consult your Kenwood dealer.
- If the unit fails to operate properly, press the Reset button. The unit returns to factory settings when the Reset button is pressed.
- Press the reset button if the disc auto changer fails to operate correctly. Normal operation should be restored.
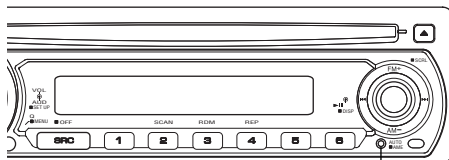
Reset button

- The characters which can be displayed by this unit are A-Z 0-9 @ " ' ` % & * + – = , . / \ < > [ ] ( ) : ; ^ - { } | ~ .
- The illustrations of the display and the panel appearing in this manual are examples used to explain more clearly how the controls are used. Therefore, what appears on the display in the illustrations may differ from what appears on the display on the actual equipment, and some of the illustrations on the display may represent something impossible in actual operation.

Cleaning the Unit

If the faceplate of this unit is stained, wipe it with a dry soft cloth such as a silicon cloth.
If the faceplate is stained badly, wipe the stain off with a cloth moistened with neutral cleaner, then wipe neutral detergent off.

⚠

- Applying spray cleaner directly to the unit may affect its mechanical parts. Wiping the faceplate with a hard cloth or using a volatile liquid such as thinner or alcohol may scratch the surface or erases characters.

Cleaning the Faceplate Terminals

If the terminals on the unit or faceplate get dirty, wipe them with a dry, soft cloth.

About DAB Tuner control

(KDC-MP4029/MP4029G/3029/3029R/2029)
Refer to A group on the Instruction manual of DAB Tuner KTC-9090DAB (optional accessory) for the control method of DAB Tuner function.
However, the following control methods of the function for this unit may be differed from the Instruction manual; therefore, refer to the following supplemental instruction.

<Auto Ensemble Memory Entry>

1. Select the preset band for Auto Ensemble Memory Entry.
2. Press the [AME] button for at least 2 seconds. Open Auto Ensemble Memory Entry. After storing in the memory finishes, the number of the pre-set buttons and the ensemble label are displayed.

<Searching by programme type and language> and <Languages to be displayed>

At the operation to press [DISP] button, press [AUTO]/ [TI] button.

<Automatic Switching DAB priority>

This function cannot be used.

The marking of products using lasers (Except for some areas)

**CLASS 1
LASER PRODUCT**

The label is attached to the chassis/case and says that the component uses laser beams that have been classified as Class 1. It means that the unit is utilizing laser beams that are of a weaker class. There is no danger of hazardous radiation outside the unit.

Handling CDs

• Don't touch the recording surface of the CD.

• CD-R and CD-RW are easier to damage than a normal music CD. Use a CD-R or a CD-RW after reading the caution items on the package etc.

• Don't stick tape etc. on the CD.
  Also, don't use a CD with tape stuck on it.

When using a new CD

If the CD center hole or outside rim has burrs, use it after removing them with a ball pen etc.

Burrs

Burrs
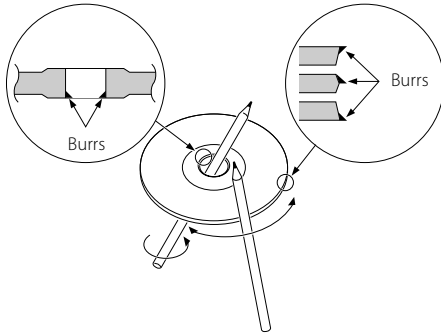
CD accessories

Don't use disc type accessories.

CD cleaning

Clean from the center of the disc and move outward.
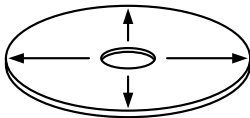
Removing CDs

When removing CDs from this unit pull them out horizontally.

CDs that can't be used

• CDs that aren't round can't be used.
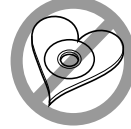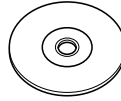
• CDs with coloring on the recording surface or that are dirty can't be used.

• This unit can only play the CDs with

  disc disc disc .
  It may not correctly play discs which do not have the mark.

• A CD-R or CD-RW that hasn't been finalized can't be played. (For the finalization process refer to your CD-R/CD-RW writing software, and your CD-R/CD-RW recorder instruction manual.)

CD storage

• Don't place them in direct sunlight (On the seat or dashboard etc.) and where the temperature is high.

• Store CDs in their cases.

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About MP3 and WMA

The playable MP3/WMA file (hereafter called Audio file) and the media format has the following limitation. The Audio file, which is out of the specification, may not able to be played normally, or the file and folder names may not be displayed correctly.

Playable Audio file
• MP3, WMA: KDC-MP4029/MP4029G/MP3029

⚠
• Attach the correct extension for the Audio file (MP3: ".MP3", WMA: ".WMA")
• Do not attach the extensions to the other files besides the Audio file. If it is attached, the file, which is not the Audio file, will be played and outputs the loud noise, and then the speaker will be damaged.
• The files with copy protection cannot be played.

Playable MP3 file
• MPEG 1/2 Audio Layer 3 file
• Transfer bit rate: 8-320 kbps
• Sampling frequency
  : 8, 11.025, 12, 16, 22.05, 24, 32, 44.1, 48 kHz

Playable WMA file
• The file in accordance with Windows Media Audio (Except for the file for Windows Media Player 9 or after which applies the new functions)
• Transfer bit rate: 48-192 kbps
• Sampling frequency: 32, 44.1, 48 kHz

Playable media
• CD-ROM, CD-R, CD-RW (CD-RW with quick format cannot be used.)

💬
• When recording to the media up to the maximum capacity at once, the writing soft is set to "Disc at once".

Playable disc format
• ISO 9660 Level 1/2
• Joliet
• Romeo
• Long file name.

The maximum number of characters for this unit
File/Folder name: 64 (Joliet: 32) characters
ID3 Tag/Contents property (WMA): 30 characters

💬
• File/Folder name is the number of the characters including the extensions
• ID3 Tag can only display the tag of Ver1.X.

Limitation of structure for the file and the folder
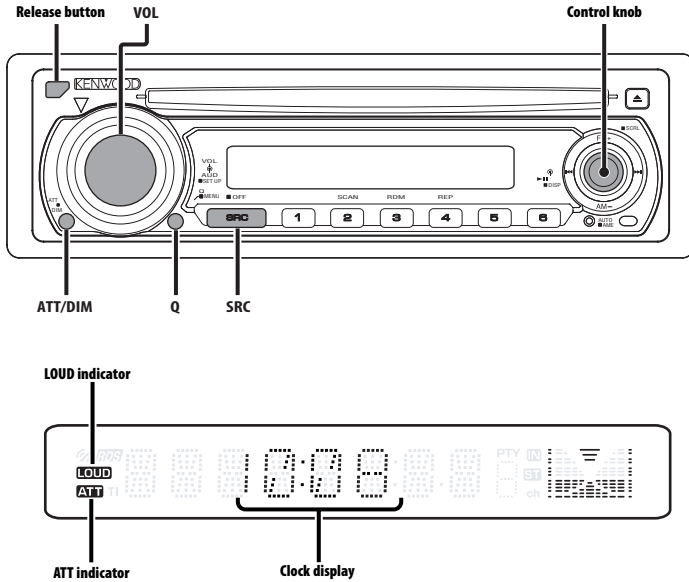• Maximum number of directory levels: 8
• Maximum number of folders: 50
• Maximum number of files per folder: 255
• Maximum number of files and folders: 512

Playing order of the Audio file
The Audio file is played in the order which is written by writing soft. You may be able to set the playing order by writing the play sequence numbers such as "01" to "99" at the beginning of the file name.

Example

• Playing order after ♪① play
  ♪②➡♪③➡♪④➡♪⑤...
• Forward file search during ♪③ play (Push the Control knob to [►►|])
  ♪④
• Forward folder search during ♪② play (Push the Control knob to [FM])
  : ③➡④...
• When it is set to directory ④, skip to the folder before the same level by folder select (Push the Control knob to [|◄◄])
  : ②
• When it is set to directory ③, makes the level up by folder select (Push the Control knob to [AM])
  : ②

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General features

Release button VOL Control knob

ATT/DIM Q SRC

LOUD indicator

ATT indicator Clock display

Power

Turning ON the Power
Press the [SRC] button.

Turning OFF the Power
Press the [SRC] button for at least 1 second.

Selecting the Source

Press the [SRC] button.

Source required	Display
Tuner	"TUNER"
CD	"CD"
External disc (Optional accessory)	"CD CH"
Auxiliary input (Optional accessory)	"AUX EXT"
Standby (Illumination only mode)	"STANDBY"

Volume

Increasing Volume
Turn the [VOL] knob clockwise.

Decreasing Volume
Turn the [VOL] knob counterclockwise.

Attenuator

Turning the volume down quickly.

Press the [ATT] button.
Each time the button is pressed, the Attenuator turns ON and OFF.
When it's ON, the "ATT" indicator blinks.

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General features

System Q

You can recall the best sound setting preset for different types of music.

1 Select the source to set
Press the [SRC] button.

2 Select the Sound type
Press the [Q] button.
Each time the button is pressed, the sound setting switches.

Sound setting	Display
Natural	"NATURAL"
Rock	"ROCK"
Pops	"POPS"
Easy	"EASY"
Top 40	"TOP40"
Jazz	"JAZZ"

⟨☶⟩
- When the System Q setting is changed, the Bass, Middle, and Treble set in audio control replace the System Q values.
- "USER" : The values set on the <Audio Control> (page 8).
- Each setting value is changed with the <Speaker Setting> (page 8).
  First, select the speaker type with the Speaker setting.

Audio Control

1 Select the source for adjustment
Press the [SRC] button.

2 Enter Audio Control mode
Press the [VOL] knob.

3 Select the Audio item for adjustment
Press the [VOL] knob.
Each time the knob is pressed, the items that can be adjusted switch as shown below.

4 Adjust the Audio item
Turn the [VOL] knob.

Adjustment Item	Display	Range
Bass level	"BAS L"	−8 — +8
Middle level	"MID L"	−8 — +8
Treble level	"TRE L"	−8 — +8
Balance	"BAL"	Left 15 — Right 15
Fader	"FAD"	Rear 15 — Front 15

5 Exit Audio Control mode
Press any button.
Press the button which is not [VOL] knob and [ATT] button.

Audio Setup

Setting the Sound system, such as Volume offset and Loudness.

1 Select the source for adjustment
Press the [SRC] button.

2 Enter Audio Setup mode
Press the [VOL] knob for at least 1 second.

3 Select the Audio Setup item for adjustment
Press the [VOL] knob.
Each time the knob is pressed, the items that can be adjusted switch as shown below.

4 Adjust the Audio setup item
Turn the [VOL] knob.

Adjustment Item	Display	Range
Volume offset	"V-OFF"	−8 — ±0
Loudness	"LOUD"	ON/OFF

⟨☶⟩
- Volume offset: Each source's volume can be set as a difference from the basic volume.
- Loudness: Compensating for low and high tones during low volume.
  When it's ON, "LOUD" indicator is ON.

5 Exit Audio Setup mode
Press the [VOL] knob for at least 1 second.

Speaker Setting

Fine-tuning so that the System Q value is optimal when setting the speaker type.

1 Enter Standby
Press the [SRC] button.
Select the "STANDBY" display.

2 Enter Speaker Setting mode
Press the [VOL] knob.

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3 **Select the Speaker type**
Turn the [VOL] knob.
Each time the knob is turned, the setting switches as shown below.

Speaker type	Display
OFF	"SP OFF"
For 5 & 4 in. speaker	"SP 5/4"
For 6x9 &6 in. speaker	"SP 6x9/6"
For the OEM speaker	"SP OEM"

4 **Exit Speaker Setting mode**
Press the [VOL] knob.

Switching Display

Switching the information displayed.

1 **Enter Switching Display mode**
Press the Control knob for at least 1 second.
"DISP SEL" is displayed.

2 **Select the Display item**
Push the Control knob to [|◄◄] or [►►|].

In Tuner source
(KDC-MP4029/MP4029G/MP3029/3029/ 2029)

Information	Display
Frequency	"FREQ"
Clock	"CLOCK"

(KDC-3029R)

Information	Display
Program Service name or Frequency	"FREQ"(AM), "FREQ/PS"(FM)
Radio text, Program Service name or Frequency	"R-TEXT"(FM)
Clock	"CLOCK"

The frequency is displayed during Program Service name reception
Press the Control knob for at least 1 second.
The frequency for the RDS station will be displayed for 5 seconds instead of the Program Service name.

In CD & External disc source

Information	Display
Disc title (In External disc source or KDC-MP4029/MP4029G/MP3029 internal CD source)	"D-TITLE"
Track title (In External disc source or KDC-MP4029/MP4029G/MP3029 internal CD source)	"T-TITLE"
Track number & Play time	"P-TIME"
Clock	"CLOCK"

In Audio file source (KDC-MP4029/MP4029G/ MP3029)

Information	Display
Song title & Artist name	"TITLE"
Album name (MP3 only) & Artist name	"ALBUM"
Folder name	"FOLDER"
File name	"FILE"
Track number & Play time	"P-TIME"
Clock	"CLOCK"

In Auxiliary input source

Information	Display
Auxiliary input name	"SRC NAME"
Clock	"CLOCK"

3 **Exit Switching Display mode**
Press the Control knob.

⊟

• If the Disc title, Track title, Song title & Artist name, or Album name & Artist name is selected when the disc which does not have Disc title, Track title, Song title, Album name, or Artist name is played, track number and play time are displayed.

Dimmer Control

You can change the unit's display to dimmer.

Press the [DIM] button for at least 1 second.
Each time the button is pressed for 1 second, the Dimmer contol turns ON and OFF.

General features

Theft Deterrent Faceplate

The faceplate of the unit can be detached and taken with you, helping to deter theft.

### *Removing the Faceplate*
Press the Release button.

The faceplate is unlocked, allowing you to detach it.

⚠️

• The faceplate is a precision piece of equipment and can be damaged by shocks or jolts. For that reason, keep the faceplate in its special storage case while detached.

• Do not expose the faceplate or its storage case to direct sunlight or excessive heat or humidity. Also avoid places with too much dust or the possibility of water splashing.

Reattaching the Faceplate

1 Align the projections on the unit with the grooves on the faceplate.

Projections

Grooves
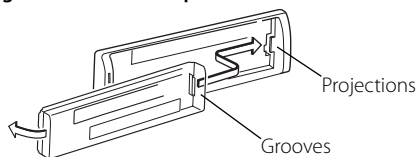
2 Push the faceplate in until it clicks.

The faceplate is locked in place, allowing you to use the unit.

TEL Mute

The audio system automatically mutes when a call comes in.

When a call comes in
"CALL" is displayed.
The audio system pauses.

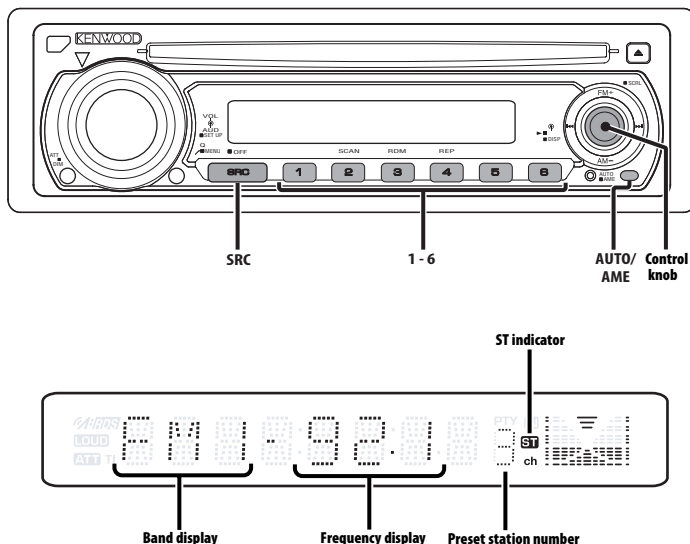### *Listening to the audio during a call*
Press the [SRC] button.

The "CALL" display disappears and the audio system comes back ON.

When the call ends
Hang up the phone.

The "CALL" display disappears and the audio system comes back ON.

ST indicator

Band display   Frequency display   Preset station number

Tuning

Selecting the station.

1 Select tuner source
Press the [SRC] button.
Select the "TUNER" display.

2 Select the band
Push the Control knob to [FM] or [AM].
Each time the knob is pushed to [FM], it switches
between the FM1, FM2, and FM3 bands.

3 Tune up or down band
Push the Control knob to [|◄◄] or [►►|].

> • During reception of stereo stations the "ST" indicator
>   is ON.

Tuning Mode

Choose the tuning mode.

Press the [AUTO] button.
Each time the button is pressed, the Tuning
mode switches as shown below.

Tuning mode	Display	Operation
Auto seek	"AUTO 1"	Automatic search for a station.
Preset station seek	"AUTO 2"	Search in order of the stations in the Preset memory.
Manual	"MANUAL"	Normal manual tuning control.

Station Preset Memory

Putting the station in the memory.

1 Select the band
Push the Control knob to [FM] or [AM].

2 Select the frequency to put in the memory
Push the Control knob to [I◄◄] or [►►I].

3 Put the frequency in the memory
Press the desired [1] — [6] button for at least 2 seconds.
The preset number display blinks 1 time.
On each band, 1 station can be put in the memory on each [1] — [6] button.

Auto Memory Entry

Putting stations with good reception in the memory automatically.

1 Select the band for Auto Memory Entry
Push the Control knob to [FM] or [AM].

2 Open Auto Memory Entry
Press the [AME] button for at least 2 seconds.
When 6 stations that can be received are put in the memory Auto Memory Entry closes.

Preset Tuning

Calling up the stations in the memory.

1 Select the band
Push the Control knob to [FM] or [AM].

2 Call up the station
Press the desired [1] — [6] button.

Frequency Step Setting

Changing the tuning frequency step.
The original setting is FM band 50 kHz, and AM band 9 kHz.

1 Turn the power OFF
Press the [SRC] button for at least 1 second.

2 Switch the frequency step
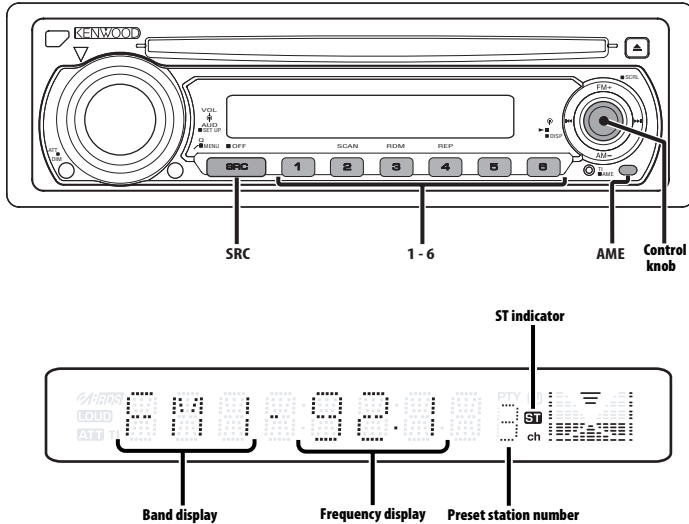**While pressing the [1] and [5] button, press the [SRC] button.**
Release your fingers from the button after the display is appeared.
The frequency step changes to FM band 200 kHz, and AM band 10 kHz.

⟨⸬⟩
• When the same operation is repeated, it returns to the original setting.
• When the frequency step is switched, the frequencies in the memory are deleted.

SRC   1 - 6   AME   Control knob

ST indicator

Band display   Frequency display   Preset station number

Tuning

Selecting the station.

1 Select tuner source
Press the [SRC] button.
Select the "TUNER" display.

2 Select the band
Push the Control knob to [FM] or [AM].
Each time the knob is pushed to [FM], it switches between the FM1, FM2, and FM3 bands.

3 Tune up or down band
Push the Control knob to [|◄◄] or [►►|].

• During reception of stereo stations the "ST" indicator is ON.

Station Preset Memory

Putting the station in the memory.

1 Select the band
Push the Control knob to [FM] or [AM].

2 Select the frequency to put in the memory
Push the Control knob to [|◄◄] or [►►|].

3 Put the frequency in the memory
Press the desired [1] — [6] button for at least 2 seconds.
The preset number display blinks 1 time.
On each band, 1 station can be put in the memory on each [1] — [6] button.

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Auto Memory Entry

Putting stations with good reception in the memory automatically.

1 Select the band for Auto Memory Entry
Push the Control knob to [FM] or [AM].

2 Open Auto Memory Entry
Press the [AME] button for at least 2 seconds.
When 6 stations that can be received are put in the memory Auto Memory Entry closes.

⟮📧⟯

- When the <AF (Alternative Frequency)> (page 24) is ON, only RDS stations are put in the memory.
- When Auto Memory Entry is done in the FM2 band, the RDS stations preset in the FM1 band aren't put in the memory.
  Likewise, when it is done in the FM3 band, RDS stations preset in FM1 or FM2 aren't put in the memory.

Preset Tuning
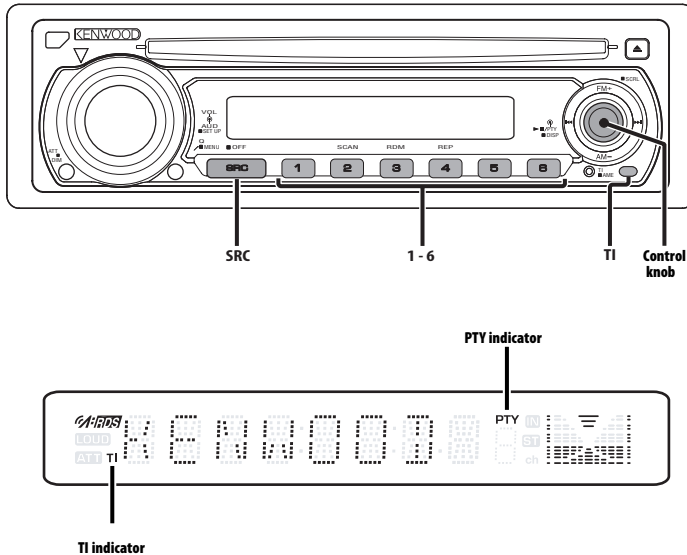
Calling up the stations in the memory.

1 Select the band
Push the Control knob to [FM] or [AM].

2 Call up the station
Press the desired [1] — [6] button.

SRC   1 - 6   TI   Control knob

PTY indicator

TI indicator

Traffic Information

Switching to traffic information automatically when a traffic bulletin starts even when you aren't listening to the radio.

Press the [TI] button.
Each time the button is pressed, the Traffic information function turns ON and OFF.
When it's ON, "TI" indicator is ON.
When a traffic information station isn't being received the "TI" indicator blinks.
When a traffic bulletin starts, "TRAFFIC" is displayed it and it switches to traffic information.

⟨≣⟩

• During reception of an AM station when the Traffic Information function is turned ON, it switches to an FM station.
• During reception of traffic information the adjusted volume is automatically remembered, and the next time it switches to traffic information it's automatically the remembered volume.

Receiving other traffic information stations
Push the Control knob to [I◄◄] or [►►I].

⟨≣⟩

• Traffic information station can be switched when it is on the Tuner Source or switched from the Tuner Source during the reception of the Traffic bulletin.

Radio Text Scroll

Scrolling the displayed radio text.

Hold down on [FM] of the Control knob for at least 1 second.

English | **15**

PTY (Program Type)

Selecting the Program Type and searching for a station.

1 Enter PTY mode
Press the Control knob.
During PTY mode the "PTY" indicator is ON.

⚬
• This function can't be used during a traffic bulletin or AM reception.

2 Select the Program Type
Push the Control knob to [FM] or [AM].
Each time the knob is pushed, the Program Type switches as shown below.

No.	Program Type	Display
1.	Speech	"SPEECH"
2.	News	"NEWS"
3.	Current Affairs	"AFFAIRS"
4.	Information	"INFO"
5.	Sport	"SPORT"
6.	Education	"EDUCATE"
7.	Drama	"DRAMA"
8.	Culture	"CULTURE"
9.	Science	"SCIENCE"
10.	Varied	"VARIED"
11.	Pop Music	"POP M"
12.	Rock Music	"ROCK M"
13.	Easy Listening Music	"EASY M"
14.	Light Classical	"LIGHT M"
15.	Serious Classical	"CLASSICS"
16.	Other Music	"OTHER M"
17.	Weather	"WEATHER"
18.	Finance	"FINANCE"
19.	Children's programs	"CHILDREN"
20.	Social Affairs	"SOCIAL"
21.	Religion	"RELIGION"
22.	Phone In	"PHONE IN"
23.	Travel	"TRAVEL"
24.	Leisure	"LEISURE"
25.	Jazz Music	"JAZZ"
26.	Country Music	"COUNTRY"
27.	National Music	"NATION M"
28.	Oldies Music	"OLDIES"
29.	Folk Music	"FOLK M"
30.	Documentary	"DOCUMENT"
31	Music	"MUSIC"

⚬
• Speech and Music include the Program type shown below.
  Music: No.11 — 16, 25 — 29
  Speech: No.2 — 10, 17 — 24, 30
• The Program Type can be put in the [1] — [6] button memory and called up quickly. Refer to the <Program Type preset> (page 16).
• The display language can be changed. Refer to <Changing Language for PTY Function> (page 17).

3 Search for the selected Program Type station
Push the Control knob to [◄◄] or [►►].
When you want to search for other stations, push [◄◄] or [►►] of the Control knob again.

⚬
• When the selected Program Type isn't found, "NO PTY" is displayed. Select another Program Type.

4 Exit PTY mode
Press the Control knob.

Program Type preset

Putting the Program Type in the Preset button memory and calling it up quickly.

Presetting the Program Type

1 Select the Program Type to preset
Refer to <PTY (Program Type)> (page 16).

2 Preset the Program Type
Press the desired [1] — [6] button for at least 2 seconds.

Calling up the preset Program Type

1 Enter PTY mode
Refer to <PTY (Program Type)> (page 16).

2 Call up the Program Type
Press the desired [1] — [6] button.

Changing Language for PTY Function

Selecting the Program Type display language.

1 Enter PTY mode
Refer to <PTY (Program Type)> (page 16).

2 Enter Changing Language mode
Press the [TI] button.

3 Select the language
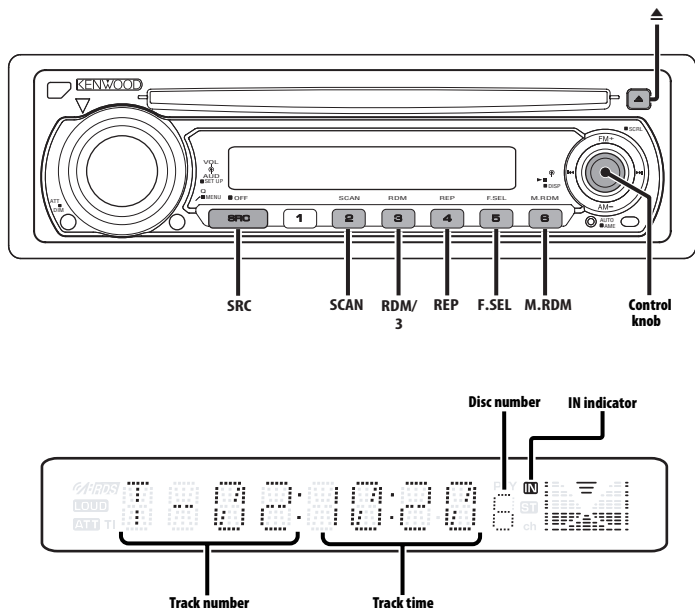**Push the Control knob to [FM] or [AM].**
Each time the knob is pushed, the language switches as shown below.

Language	Display
English	"ENGLISH"
French	"FRENCH"
German	"GERMAN"

4 Exit Changing Language mode
Press the [TI] button.

CD/Audio file/External disc control features

SRC   SCAN   RDM/   REP   F.SEL   M.RDM   Control
                3   knob

Disc number   IN indicator

Track number   Track time

Playing CD & Audio file

When a disc is inserted
Press the [SRC] button.
Select the "CD" display.

⟨⟫
• When a CD is inserted, the "IN" indicator is ON.

Pause and play
Press the control knob.
Each time the knob is pressed, it pauses and plays.

Eject the CD
Press the [⏏] button.

⟨⟫
• Refer to <Playable Audio file> (page6) for the Audio file by models which can be played.

Function of the KDC-MP4029/MP4029G/3029/3029R/2029
Playing External Disc

Playing discs set in the optional accessory disc player connected to this unit.

Press the [SRC] button.
Select the display for the disc player you want.
Display examples:

Display	Disc player
"CD CH"	CD changer
"MD CH"	MD changer

Pause and play
Press the Control knob.
Each time the knob is pressed, it pauses and plays.

⟨⟫
• Disc 10 is displayed as "0".
• The functions that can be used and the information that can be displayed will differ depending on the external disc players being connected.

18 | English

Fast Forwarding and Reversing

Fast Forwarding
Hold down on [►►|] of the Control knob.
Release your finger to play the disc at that point.

Reversing
Hold down on [|◄◄] of the Control knob.
Release your finger to play the disc at that point.

⊙

• The sound is not output while the Audio file is played.

Track/File Search

Searching for a song on the disc or in the Audio file folder.

Push the Control knob to [|◄◄] or [►►|].

Function of disc changer/ Audio file
Disc Search/Folder Search

Selecting the disc set in the Disc changer or the folder recorded on the Audio file media.

Push the Control knob to [AM] or [FM].

Function of remote
Direct Track/File Search

Doing Track/File Search by entering the track/file number.

1 **Enter the track/file number**
Press the number buttons on the remote.

2 **Do Track/File Search**
Press the [|◄◄] or [►►|] button.

Canceling Direct Track/File Search
Press the [►II] button.

Function of disc changers with remote
Direct Disc Search

Doing Disc Search by entering the disc number.

1 **Enter the disc number**
Press the number buttons on the remote.

2 **Do Disc Search**
Press the [FM+] or [AM−] button.

Canceling Direct Disc Search
Press the [►II] button.

⊙

• Input "0" to select disc 10.

Track/File/Disc/Folder Repeat

Replaying the song, disc in the Disc changer or Audio file folder you're listening to.

Press the [REP] button.
Each time the button is pressed, the Repeat Play switches as shown below.

In CD & External disc source

Repeat play	Display
Track Repeat	"TRAC REP"
Disc Repeat (In Disc Changer)	"DISC REP"
OFF	"REP OFF"

In Audio file source

Repeat play	Display
File Repeat	"FILE REP"
Folder Repeat	"FOLD REP"
OFF	"REP OFF"

CD/Audio file/External disc control features

Scan Play

Playing the first part of each song on the disc you are listening to and searching for the song you want to listen to.

1 Start Scan Play
Press the [SCAN] button.
"TRAC SCN" (CD), "FILE SCN" (Audio file) is displayed.

2 Release it when the song you want to listen to is played
Press the [SCAN] button.

Random Play

Playing all the songs on the disc in random order.

Press the [RDM] button.
Each time the button is pressed, Random Play turns ON and OFF.
When it's ON, "DISC RDM" (CD), "FOLD RDM" (Audio file) is displayed.

⊜
• When the Control knob is pushed to [▶▶I], the next song select starts.

Function of disc changer
Magazine Random Play

Play the songs on all the discs in the disc changer in random order.

Press the [M.RDM] button.
Each time the button is pressed, the Magazine Random Play turns ON and OFF.
When it's ON, "MGZN RDM" is displayed.

⊜
• When the Control knob is pushed to [▶▶I], the next song select starts.

Function of the KDC-MP4029/MP4029G/MP3029
Function of Audio file
Folder Select

Quickly selecting the folder you want to listen to.

1 Enter Folder Select mode
Press the [F.SEL] button.
"F-SELECT" is displayed.
During Select mode the folder information is displayed as shown below.

Folder name display
Displays the current folder name.

2 Select the folder level
Push the Control knob to [FM] or [AM].
With the [FM] of the Control knob, you move 1 level down and with the [AM] of the Control knob 1 level up.

Selecting a folder in the same level
Push the Control knob to [I◄◄] or [▶▶I].
With the [I◄◄] of the Control knob, you move to the previous folder, and with the [▶▶I] of the Control knob to the next folder.

Returning to the top level
Press the [3] button.

3 Decide the folder to play
Press the Control knob.
The Folder Select mode releases, and the MP3/WMA in the folder being displayed is played.
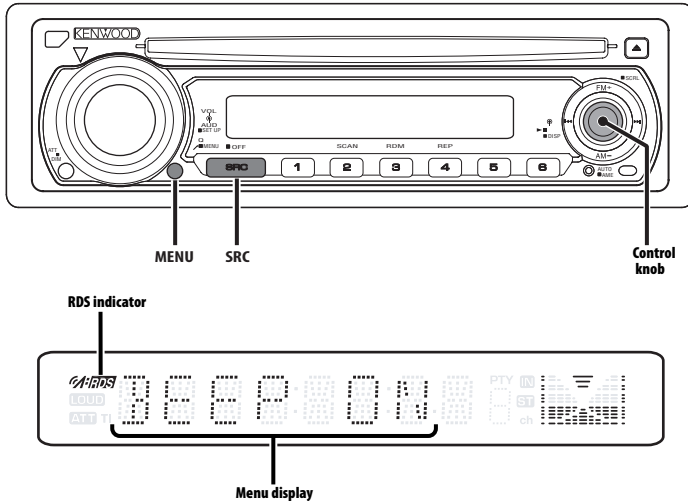
Canceling the Folder Select mode
Press the [F.SEL] button.

Text/Title Scroll

Scrolling the displayed CD text, Audio file text, or MD title.
Hold down on [FM] of the Control knob for at least 1 second.

MENU   SRC   Control
                                               knob

RDS indicator

Menu display

Menu System

Setting during operation beep sound etc. functions.
The Menu system basic operation method is explained here. The reference for the Menu items and their setting content is after this operation explanation.

1 Enter Menu mode
Press the [MENU] button for at least 1 second.
"MENU" is displayed.

2 Select the menu item
Push the Control knob to [FM] or [AM].
Example: When you want to set the beep sound select the "BEEP" display.

3 Set the menu item
Push the Control knob to [|◄◄] or [►►|].
Example: When "BEEP" is selected, each time the knob is pushed it switches "BEEP ON" or "BEEP OFF". Select 1 of them as the setting.
You can continue by returning to step 2 and setting other items.

4 Exit Menu mode
Press the [MENU] button.

⟨≡⟩

• When other items that are applicable to the basic operation method above are displayed, afterwards their setting content chart is entered. (Normally the uppermost setting in the chart is the original setting.) Also, the explanation for items that aren't applicable (<Manual Clock Adjustment> etc.) are entered step by step.

English | **21**

Menu system

*Function of the KDC-MP4029/MP4029G/3029/
3029R/2029*
In Standby mode

Security Code

Because authorization by the Security Code is
required when it's removed from the vehicle,
personalizing this unit is by using the Security
Code is a help in preventing theft.

⌨

• When the Security Code function is activated, it can't be
  released.

  Note, your Security Code is the 4 digit number entered in
  your "Car Audio Passport" in this package.

1 Enter Standby
  Press the [SRC] button.
  Select the "STANDBY" display.

2 Enter Menu mode
  Press the [MENU] button for at least 1 second.
  When "MENU" is displayed, "SECURITY" is
  displayed.

3 Enter Security Code mode
  Press the Control knob for at least 2 seconds.
  When "ENTER" is displayed, "CODE" is displayed.

4 Select the digits to enter
  Push the Control knob to [|◄◄] or [►►|].

5 Select the Security Code numbers
  Push the Control knob to [FM] or [AM].

**6 Repeat steps 4 and 5, and complete the
  Security Code.**

7 Confirm the Security Code
  Press the Control knob for at least 3 seconds.
  When "RE-ENTER" is displayed, "CODE" is
  displayed.

**8 Do the step 4 through 7 step operation, and
  reenter the security code.**
  "APPROVED" is displayed.
  The Security Code function activates.

  ⌨

  • If you enter a Code different from your Security Code,
    you have to start over from step 4.

***Press the Reset button and when it's removed
from the battery power source***

1 Turn the power ON.

**2 Do the step 4 through 7 step operation, and
  reenter the security code.**
  "APPROVED" is displayed.
  The unit can be used.

  ⌨

  • If an incorrect code is input, "WAITING" is displayed,
    and the input prohibited time shown below is
    generated.
    After the input prohibited time lapses, "CODE" is
    displayed, and input can be done.

Number of times the incorrect code was input	Input prohibited time
1	—
2	5 minutes
3	1 hour
4	24 hours

In Standby mode

Touch Sensor Tone

Setting the operation check sound (beep sound)
ON/OFF.

Display	Setting
"BEEP ON"	Beep is heard.
"BEEP OFF"	Beep canceled.

In Standby mode

Manual Clock Adjustment

⌨

• This adjustment can be done when the <Synchronize
  Clock> (page 23) is set as OFF (KDC-3029R).

1 Select Clock Adjustment mode
  Push the Control knob to [FM] or [AM].
  Select the "CLK ADJ" display.

2 Enter Clock Adjust mode
  Press the Control knob for at least 2 seconds.
  The clock display blinks.

3 Adjust the hours
  Push the Control knob to [FM] or [AM].

  Adjust the minutes
  Push the Control knob to [|◄◄] or [►►|].

4 **Exit Clock adjustment mode**
Press the Control knob.

Function of the KDC-3029R
In Standby mode
Synchronize Clock

Synchronizing the RDS station time data and this unit's clock.

Display	Setting
"SYNC ON"	Synchronizes the time.
"SYNC OFF"	Adjust the time manually.

⊕

• It takes 3 to 4 minutes to synchronize the clock.

In Standby mode
DSI (Disabled System Indicator)

A red indicator will blink on the unit after the faceplate is removed, warning potential thieves.

Display	Setting
"DSI ON"	LED flashes.
"DSI OFF"	LED OFF.

Function of the KDC-3029R
News Bulletin with Timeout Setting

It switches automatically when a news bulletin starts even if the radio isn't being listened to. Also, the time interval when interrupt is prohibited can be set.

Display and Setting
"NEWS OFF"
"NEWS 00M"
⋮
"NEWS 90M"

When "NEWS 00M" — "NEWS 90M" is set, the News Bulletin Interrupt function is ON.
When it's ON, the "NEWS" is displayed.
When the news bulletin starts, "NEWS" is displayed, and it switches to the news bulletin.

⊕

• If you choose the "20M" setting, further news bulletins will not be received for 20 minutes once the first news bulletin is received.
• The news bulletin volume is the same level that was set for <Traffic Information> (page 15).
• This function is only available if the desired station sends PTY-code for news bulletin or belongs to <Enhanced Other Network>-Network sending PTY-code for news bulletin.
• When the News Bulletin Interrupt function is ON, it switches to an FM station.

Function of the KDC-3029R
In Tuner mode
Local Seek

Only stations whose reception is good are searched for in auto seek tuning.

Display	Setting
"LO.S OFF"	The local seek function is OFF.
"LO.S ON"	The local seek function is ON.

Function of the KDC-3029R
In Tuner mode
Tuning Mode

Sets the tuning mode.

Tuning mode	Display	Operation
Auto seek	"AUTO 1"	Automatic search for a station.
Preset station seek	"AUTO 2"	Search in order of the stations in the Preset memory.
Manual	"MANUAL"	Normal manual tuning control.

Menu system

*Function of the KDC-MP4029/MP4029G/
MP3029/3029/2029
In FM reception*

CRSC (Clean Reception System Circuit)

Temporarily have reception switched from stereo to mono to reduce multi-path noise when listening to the FM station.

Display	Setting
"CRSC ON"	The CRSC is ON.
"CRSC OFF"	The CRSC is OFF.

⟨≡⟩
• Strong electrical fields (such as from power lines) may cause unstable sound quality when CRSC is turned ON. In such a situation, turn it OFF.

Function of the KDC-3029R

AF (Alternative Frequency)

When poor reception is experienced, automatically switch to another frequency broadcasting the same program in the same RDS network with better reception.

Display	Setting
"AF ON"	The AF function is ON.
"AF OFF"	The AF function is OFF.

When the AF function is ON, the "RDS" indicator is ON.

⟨≡⟩
• When no other stations with stronger reception are available for the same program in the RDS network, you may hear the incoming broadcast in bits and snatches. Turn OFF the AF function in such a case.

Function of the KDC-3029R

Restricting RDS Region (Region Restrict Function)

You can choose whether or not to restrict the RDS channels, received with the AF function for a particular network, to a specific region.

Display	Setting
"REG ON"	The Region Restrict Function is ON.
"REG OFF"	The Region Restrict Function is OFF.

⟨≡⟩
• Without restricting AF function to the specified region and network, it sets up to search the station with good reception in the same RDS network.

Function of the KDC-3029R

Auto TP Seek

When the TI function is ON and poor reception conditions are experienced when listening to a traffic information station, another traffic information station with better reception will be searched for automatically.

Display	Setting
"ATPS ON"	The Auto TP Seek Function is ON.
"ATPS OFF"	The Auto TP Seek Function is OFF.

*Function of the KDC-3029R
In FM reception*

Monaural Reception

Noise can be reduced when stereo broadcasts are received as monaural.

Display	Setting
"MONO OFF"	The monaural reception is OFF.
"MONO ON"	The monaural reception is ON.

Function of the KDC-MP4029/MP4029G/3029/ 3029R/2029

Auxiliary Input Display Setting

For selecting the display when switched to Auxiliary input source.

1 Select Auxiliary input source
Press the [SRC] button.
Select the "AUX EXT" display.

2 Enter Menu mode
Press the [MENU] button for at least 1 second.
"MENU" is displayed.

3 Select Auxiliary input display setting mode
Push the Control knob to [FM] or [AM].
Select the "NAME SET" display.

4 Enter Auxiliary input display setting mode
Press the Control knob for at least 2 seconds.
The presently selected Auxiliary input display is displayed.

5 Select the Auxiliary input display
Push the Control knob to [|◀◀] or [▶▶|].
Each time the knob is pushed, the display switches as shown below.
• "AUX EXT"
• "TV"
• "DVD"
• "VIDEO"
• "GAME"
• "PORTABLE"

6 Exit Auxiliary input display setting mode
Press the [MENU] button.

⌨

• When operation stops for 10 seconds, the name at that time is registered, and the Auxiliary input display setting mode closes.

Text Scroll

Setting the displayed text scroll.

Display	Setting
"SCL MANU"	Doesn't scroll.
"SCL AUTO"	Scrolls when the display changes.

⌨

• The text scrolled is shown below.
- CD text
- Folder name/ File name/ Song title/ Artist name/ Album name
- MD title
- Radio text

Function of the KDC-MP4029/MP4029G/MP3029
In Standby mode

CD Read Setting

When there is a problem on playing a CD with special format, this setting play the CD by force.

Display	Setting
"CD READ1"	Play CD and MP3/WMA.
"CD READ2"	Play CD by force.

⌨

• Setting "CD READ2" cannot play MP3/WMA.
Some music CDs may not be played back even in the "CD READ2" mode.

English | **25**
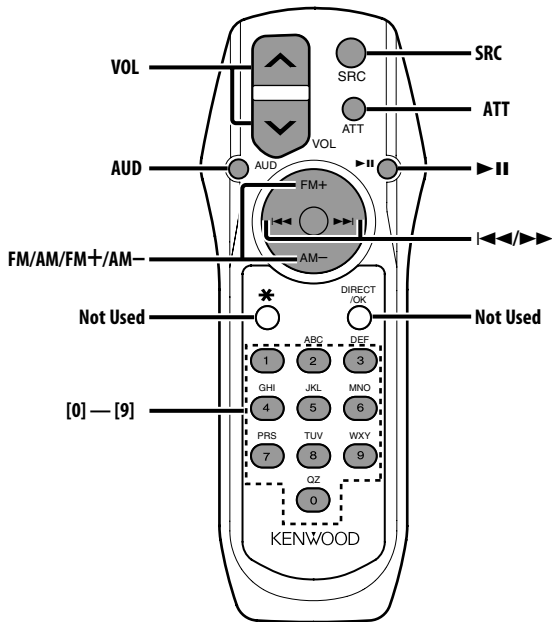
Loading and Replacing the battery

Use two "AA"-size batteries.

Slide the cover while pressing downwards to remove it as illustrated.

Insert the batteries with the + and – poles aligned properly, following the illustration inside the case.
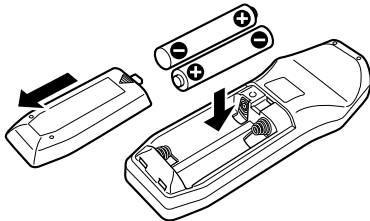
⚠WARNING
- Store unused batteries out of the reach of children. Contact a doctor immediately if the battery is accidentally swallowed.

⚠
- Do not set the remote on hot places such as above the dashboard.

Basic operations

[VOL] buttons
Adjusting the volume.

[SRC] button
Each time the button is pressed, the source switches.
For the source switching order refer to <Selecting the Source> (page 7).

[ATT] button
Turning the volume down quickly.
When it is pressed again, it returns to the previous level.

26 | English

Audio Control

[AUD] button
Select the Audio item for adjustment.

[VOL] buttons
Adjust the Audio item.

⟨≣⟩

• Refer to <Audio Control> (page 8) for the operation method, such as the procedures of Audio control and others.

In Tuner source

[FM]/ [AM] buttons
Select the band.
Each time the [FM] button is pressed, it switches between the FM1, FM2, and FM3 bands.

[|◄◄]/ [►►|] buttons
Tune up or down band.

[0] — [9] buttons
Press buttons [1] — [6] to recall preset stations.

In Disc source

[|◄◄]/ [►►|] buttons
Doing track/file forward and backward.

[FM+]/ [AM−] buttons
Doing disc/folder forward and backward.

[►II] button
Each time the button is pressed, the song pauses and plays.

[0] — [9] buttons
When in <Direct Track/File Search> (page 19) and <Direct Disc Search> (page 19), enter the track/file/disc number.

Accessories

① 1

② 2

③ 4

④ 4

⑤ 1
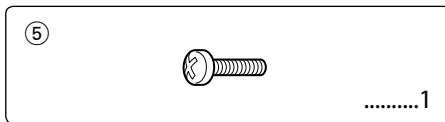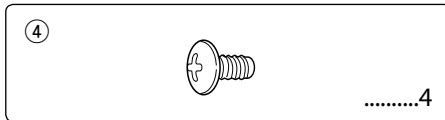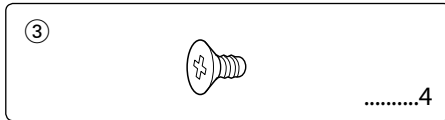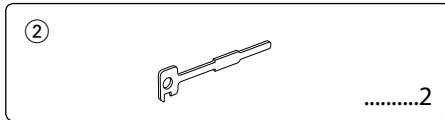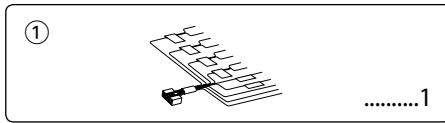
Installation Procedure

1. To prevent a short circuit, remove the key from the ignition and disconnect the ⊖ battery.
2. Make the proper input and output wire connections for each unit.
3. Connect the speaker wires of the wiring harness.
4. Connect the wiring harness wires in the following order: ground, battery, ignition.
5. Connect the wiring harness connector to the unit.
6. Install the unit in your car.
7. Reconnect the ⊖ battery.
8. Press the reset button.

⚠WARNING

If you connect the ignition wire (red) and the battery wire (yellow) to the car chassis (ground), you may cause a short circuit, that in turn may start a fire. Always connect those wires to the power source running through the fuse box.

⚠
- If the power is not turned ON (or it is ON, but will be OFF immediately), the speaker wire may have a short-circuit or touched the chasis of the vehicle and the protection function may have been activated. Therefore, the speaker wire should be checked.
- If your car's ignition does not have an ACC position, connect the ignition wires to a power source that can be turned on and off with the ignition key. If you connect the ignition wire to a power source with a constant voltage supply, as with battery wires, the battery may die.
- If the console has a lid, make sure to install the unit so that the faceplate will not hit the lid when closing and opening.
- If the fuse blows, first make sure the wires aren't touching to cause a short circuit, then replace the old fuse with one with the same rating.
- Insulate unconnected wires with vinyl tape or other similar material. To prevent a short circuit, do not remove the caps on the ends of the unconnected wires or the terminals.
- Connect the speaker wires correctly to the terminals to which they correspond. The unit may be damaged or fail to work if you share the ⊖ wires or ground them to any metal part in the car.
- When only two speakers are being connected to the system, connect the connectors either to both the front output terminals or to both the rear output terminals (do not mix front and rear). For example, if you connect the ⊕ connector of the left speaker to a front output terminal, do not connect the ⊖ connector to a rear output terminal.
- After the unit is installed, check whether the brake lamps, blinkers, wipers, etc. on the car are working properly.
- Mount the unit so that the mounting angle is 30° or less.

28 | English

	KDC-3029	KDC-MP4029/ MP4029G//2029	KDC-MP3029
A	Front left output (White)/ Front right output (Red)	—	—
B	To KENWOOD disc changer/ External optional accessory	To KENWOOD disc changer/ External optional accessory	—

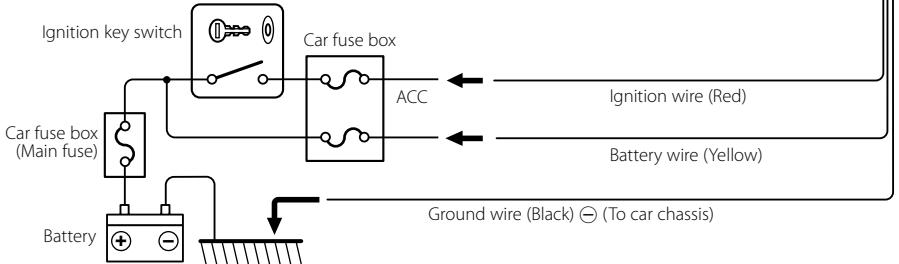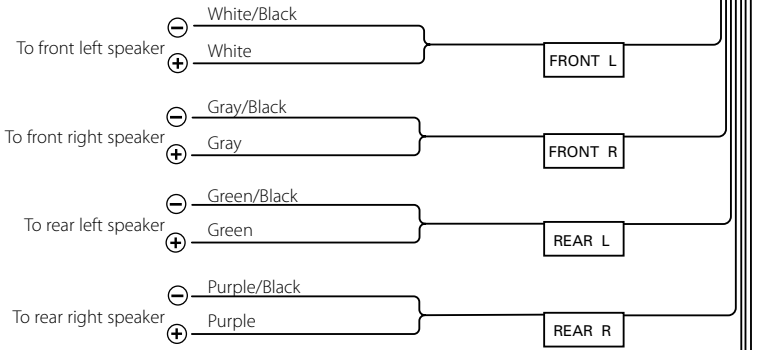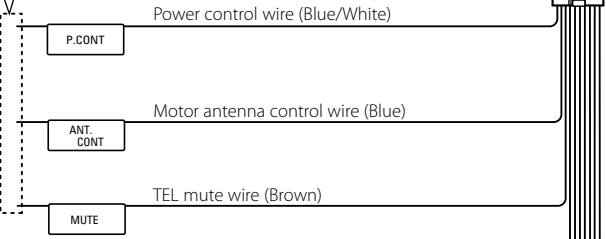To connect these leads, refer to the relevant instruction manuals.

Rear left output (White)/ Rear right output (Red)

A

B

FM/AM antenna input

Fuse (10A)

Wiring harness (Accessory①)
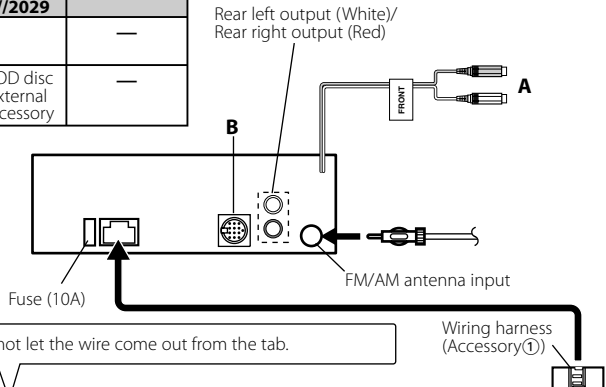
If no connections are made, do not let the wire come out from the tab.

When using the optional power amplifier, connect to its power control terminal.

Power control wire (Blue/White)

P.CONT

Depending on what antenna you are using, connect either to the control terminal of the motor antenna, or to the power terminal for the booster amplifier of the film-type antenna.
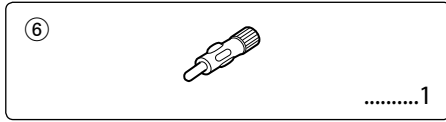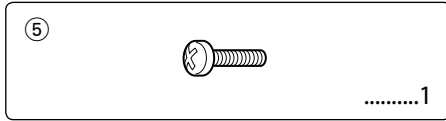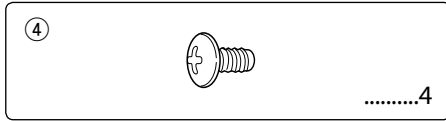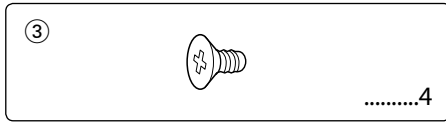
Motor antenna control wire (Blue)

ANT. CONT

Connect to the terminal that is grounded when either the telephone rings or during conversation.

TEL mute wire (Brown)

MUTE

To connect the KENWOOD navigation system, consult your navigation manual.

White/Black
White
To front left speaker
FRONT L

Gray/Black
Gray
To front right speaker
FRONT R

Green/Black
Green
To rear left speaker
REAR L

Purple/Black
Purple
To rear right speaker
REAR R

Ignition key switch
Car fuse box
ACC
Ignition wire (Red)

Car fuse box (Main fuse)
Battery wire (Yellow)

Battery
Ground wire (Black) ⊖ (To car chassis)

English | **29**

Accessories

① 1

② 2

③ 4

④ 4
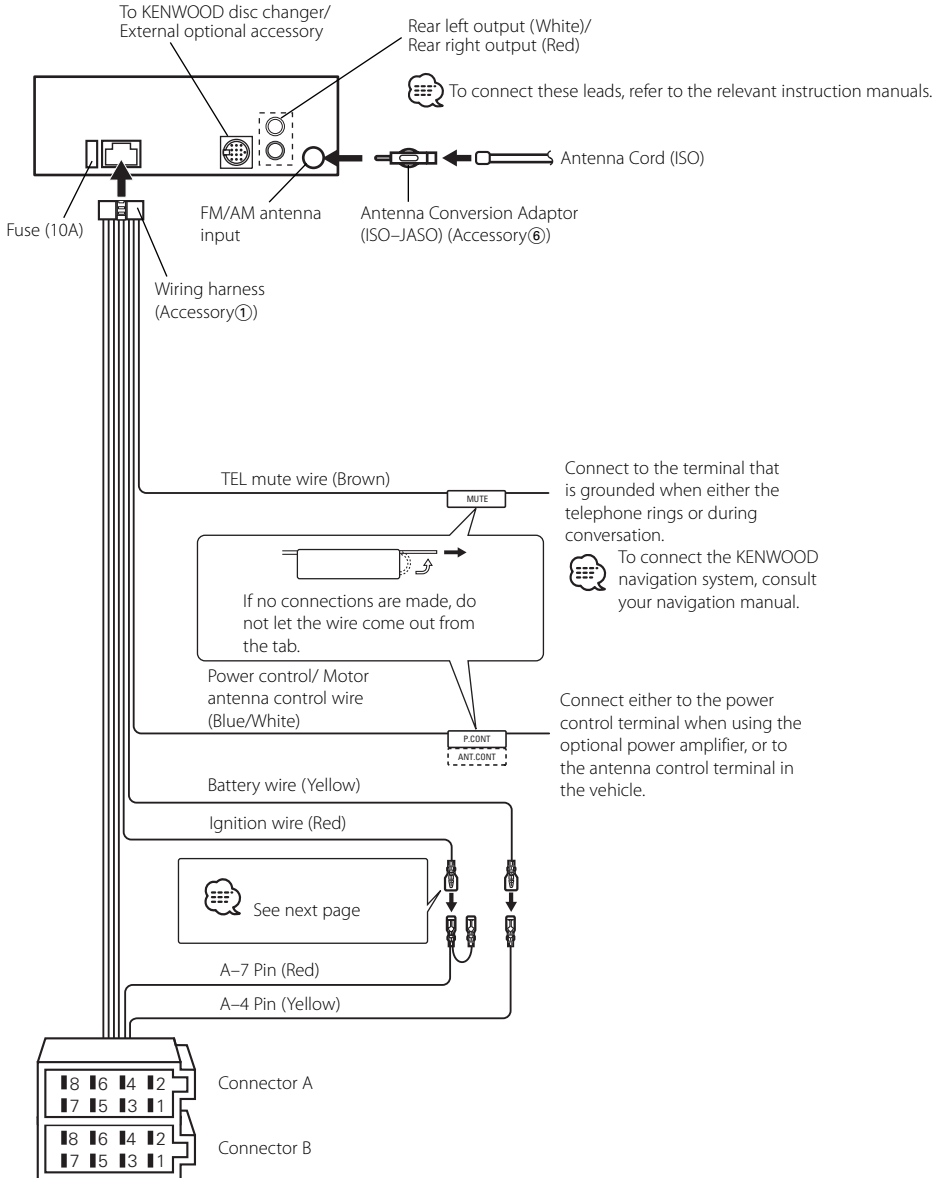
⑤ 1

⑥ 1
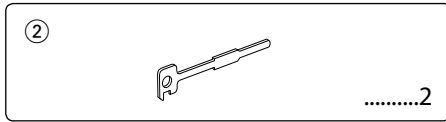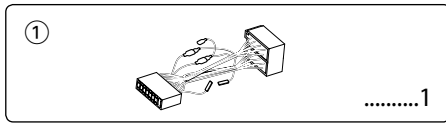
Installation Procedure

1. To prevent short circuits, remove the key from the ignition and disconnect the ⊖ terminal of the battery.
2. Make the proper input and output wire connections for each unit.
3. Connect the wire on the wiring harness.
4. Take Connector B on the wiring harness and connect it to the speaker connector in your vehicle.
5. Take Connector A on the wiring harness and connect it to the external power connector on your vehicle.
6. Connect the wiring harness connector to the unit.

30 | English

7. Install the unit in your car.
8. Reconnect the ⊖ terminal of the battery.
9. Press the reset button.

⚠️
• If the power is not turned ON (or it is ON, but will be OFF immediately), the speaker wire may have a short-circuit or touched the chasis of the vehicle and the protection function may have been activated. Therefore, the speaker wire should be checked.
• If your car is not prepared for this special connection-system, consult your Kenwood dealer.
• Only use antenna conversion adapters (ISO-JASO) when the antenna cord has an ISO plug.
• Make sure that all wire connections are securely made by inserting jacks until they lock completely.
• If your vehicle's ignition does not have an ACC position, or if the ignition wire is connected to a power source with constant voltage such as a battery wire, the power will not be linked with the ignition (i.e., it will not turn on and off along with the ignition). If you want to link the unit's power with the ignition, connect the ignition wire to a power source that can be turned on and off with the ignition key.
• If the fuse blows, first make sure that the wires have not caused a short circuit, then replace the old fuse with one with the same rating.
• Insulate unconnected wires with vinyl tape or other similar material. To prevent short circuits, also do not remove the caps on the ends of the unconnected wires or the terminals.
• Connect the speaker wires correctly to the terminals to which they correspond. The unit may receive damage or fail to work if you share the ⊖ wires and/or ground them to any metal part in the car.
• After the unit is installed, check whether the brake lamps, indicators, wipers, etc. on the car are working properly.
• If the console has a lid, make sure to install the unit so that the faceplate does not hit the lid when closing and opening.
• Mount the unit so that the mounting angle is 30° or less.

Connecting Wires to Terminals (KDC-3029R)

To KENWOOD disc changer/
External optional accessory

Rear left output (White)/
Rear right output (Red)

To connect these leads, refer to the relevant instruction manuals.

Antenna Cord (ISO)

FM/AM antenna input

Antenna Conversion Adaptor
(ISO–JASO) (Accessory⑥)

Fuse (10A)

Wiring harness
(Accessory①)

TEL mute wire (Brown)

MUTE

Connect to the terminal that is grounded when either the telephone rings or during conversation.

To connect the KENWOOD navigation system, consult your navigation manual.

If no connections are made, do not let the wire come out from the tab.

Power control/ Motor antenna control wire (Blue/White)

P.CONT
ANT.CONT

Connect either to the power control terminal when using the optional power amplifier, or to the antenna control terminal in the vehicle.

Battery wire (Yellow)

Ignition wire (Red)

See next page

A–7 Pin (Red)

A–4 Pin (Yellow)

| 8 | 6 | 4 | 2 |
| 7 | 5 | 3 | 1 |

Connector A

| 8 | 6 | 4 | 2 |
| 7 | 5 | 3 | 1 |

Connector B

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Connector Function Guide

Pin Numbers for ISO Connectors	Cable Colour	Functions
External Power Connector		
A-4	Yellow	Battery
A-5	Blue/White	Power Control
A-7	Red	Ignition (ACC)
A-8	Black	Earth (Ground) Connection
Speaker Connector		
B-1	Purple	Rear Right (+)
B-2	Purple/Black	Rear Right (−)
B-3	Gray	Front Right (+)
B-4	Gray/Black	Front Right (−)
B-5	White	Front Left (+)
B-6	White/Black	Front Left (−)
B-7	Green	Rear Left (+)
B-8	Green/Black	Rear Left (−)

⚠WARNING
Connecting the ISO Connector

The pin arrangement for the ISO connectors depends on the type of vehicle you drive. Make sure to make the proper connections to prevent damage to the unit.
The default connection for the wiring harness is described in 1 below. If the ISO connector pins are set as described in 2 or 3, make the connection as illustrated.
Please be sure to reconnect the cable as shown 2 below to install this unit to the **Volkswagen** vehicles etc.

1 (Default setting) The A-7 pin (red) of the vehicle's ISO connector is linked with the ignition, and the A-4 pin (yellow) is connected to the constant power supply.

Ignition cable (Red)   A-7 Pin (Red)

Unit   Vehicle

Battery cable (Yellow)   A-4 Pin (Yellow)
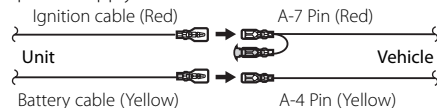
2 The A-7 pin (red) of the vehicle's ISO connector is connected to the constant power supply, and the A-4 pin (yellow) is linked to the ignition.

Ignition cable (Red)   A-7 Pin (Red)

Unit   Vehicle

Battery cable (Yellow)   A-4 Pin (Yellow)
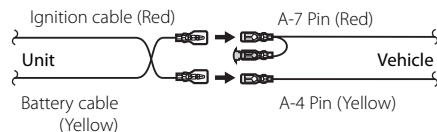
3 The A-4 pin (yellow) of the vehicle's ISO connector is not connected to anything, while the A-7 pin (red) is connected to the constant power supply (or both the A-7 (red) and A-4 (yellow) pins are connected to the constant power supply).

Ignition cable (Red)   A-7 Pin (Red)

Unit   Vehicle

Battery cable (Yellow)   A-4 Pin (Yellow)

⚲
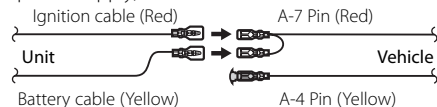
• When the connection is made as in 3 above, the unit's power will not be linked to the ignition key. For that reason, always make sure to turn off the unit's power when the ignition is turned off.
To link the unit's power to the ignition, connect the ignition cable (ACC...red) to a power source that can be turned on and off with the ignition key.

Installation

non-Japanese cars

Metal mounting strap
(commercially available)

Firewall or metal support
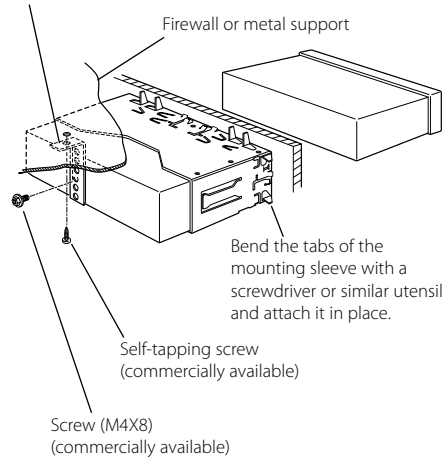
Bend the tabs of the mounting sleeve with a screwdriver or similar utensil and attach it in place.

Self-tapping screw
(commercially available)

Screw (M4X8)
(commercially available)

• Make sure that the unit is installed securely in place. If the unit is unstable, it may malfunction (for example, the sound may skip).

Japanese cars

1 Refer to the section <Removing the hard rubber frame> (page 35) and then remove the hard rubber frame.

2 Align the holes in the unit (two locations on each side) with the vehicle mounting bracket and secure the unit with the accessory screws.

T
N
N
T
T/N
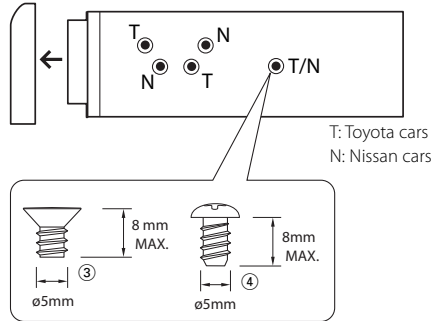
T: Toyota cars
N: Nissan cars

8 mm MAX.
③
ø5mm

8mm MAX.
④
ø5mm

Accessory③...for Nissan car
Accessory④ ...for Toyota car

⚠

• During installation, do not use any screws except for those provided. The use of different screws might result in damage to the main unit.
• Damage may occur if a screwdriver or similar tool is used with excessive force during the installations.

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Screwing the Faceplate on the Unit

If you want to fasten the faceplate to the main unit so that it does not fall off, screw in the provided screws in the holes shown below.
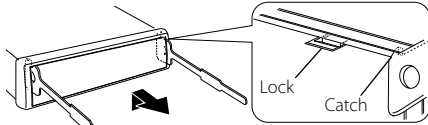
Accessory⑤

⚠
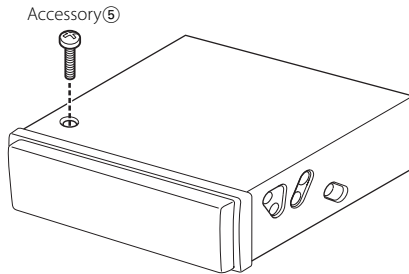
• Never insert the screw in any other screw hole than the one specified. If you screw them in another hole, it will contact and may cause damage to the mechanical parts inside the unit.
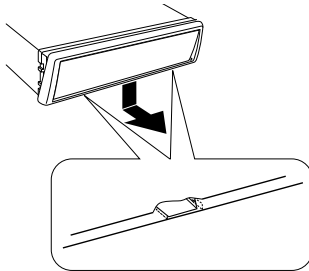
Removing the hard rubber frame

1 Engage the catch pins on the removal tool and remove the two locks on the upper level.
Upper the frame and pull it forward as shown in the figure.

Lock

Catch

Accessory②
Removal tool

2 When the upper level is removed, remove the lower two locations.
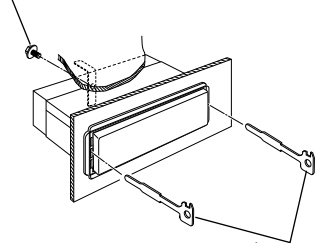
• The frame can be removed from the bottom side in the same manner.

Removing the Unit

1 Refer to the section <Removing the hard rubber frame> (page 35) and then remove the hard rubber frame.

2 Remove the screw (M4 × 8) on the back panel.

3 Insert the two removal tools deeply into the slots on each side, as shown.
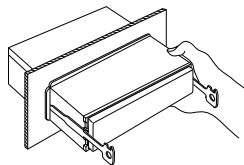
Screw (M4X8)
(commercially available)

Accessory②
Removal tool

4 Lower the removal tool toward the bottom, and pull out the unit halfway while pressing towards the inside.
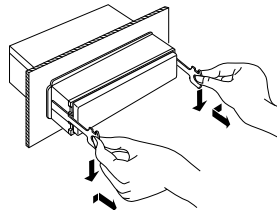
• Be careful to avoid injury from the catch pins on the removal tool.

5 Pull the unit all the way out with your hands, being careful not to drop it.

Troubleshooting Guide

What might seem to be a malfunction in your unit may just be the result of slight misoperation or miswiring. Before calling service, first check the following table for possible problems.

General

? The power does not turn ON.
- ✔ The fuse has blown.
  - ☞ After checking for short circuits in the wires, replace the fuse with one with the same rating.
- ✔ The speaker wire has a short-circuit or touches the chassis of the vehicle, and then the protection function is activated.
  - ☞ Wire or insulate the speaker cable properly and press the reset button.

? There's a source you can't switch.
- ✔ There's no media inserted.
  - ☞ Set the media you want to listen to. If there's no media in this unit, you can't switch to each source.
- ✔ The Disc changer isn't connected.
  - ☞ Connect the Disc changer. If the Disc changer isn't connected to it's input terminal, You can't switch to an external disc source.

? The memory is erased when the ignition is turned OFF.
- ✔ The ignition and battery wire are incorrectly connected.
  - ☞ Connect the wire correctly, referring to the section on <Connecting Wires to Terminals>.

? The TEL mute function does not work.
- ✔ The TEL mute wire is not connected properly.
  - ☞ Connect the wire correctly, referring to the section on <Connecting Wires to Terminals>.

? The TEL mute function turns ON even though the TEL mute wire is not connected.
- ✔ The TEL mute wire is touching a metal part of the car.
  - ☞ Pull the TEL mute wire away from the metal part of the car.

? Even if Loudness is turned ON, high-pitched tone isn't compensated for.
- ✔ Tuner source is selected.
  - ☞ High-pitched tone isn't compensated for when in Tuner source.

? No sound can be heard, or the volume is low.
- ✔ The fader or balance settings are set all the way to one side.
  - ☞ Center the fader and balance settings.
- ✔ The input/output wires or wiring harness are connected incorrectly.
  - ☞ Reconnect the input/output wires or the wiring harness correctly. See the section on <Connecting Wires to Terminals>.
- ✔ The values of Volume offset are low.
  - ☞ Turn up the Volume offset, referring to the section on <Audio Setup> (page 8).

? The sound quality is poor or distorted.
- ✔ One of the speaker wires is being pinched by a screw in the car.
  - ☞ Check the speaker wiring.
- ✔ The speakers are not wired correctly.
  - ☞ Reconnect the speaker wires so that each output terminal is connected to a different speaker.

? The Touch Sensor Tone doesn't sound.
- ✔ The preout jack is being used.
  - ☞ The Touch Sensor Tone can't be output from the preout jack.

? Even though Synchronize Clock is ON, the clock can't be adjusted.
- ✔ The received RDS station isn't sending time data.
  - ☞ Receive another RDS station.

Tuner source

? Radio reception is poor.
- ✔ The car antenna is not extended.
  - ☞ Pull the antenna out all the way.
- ✔ The antenna control wire is not connected.
  - ☞ Connect the wire correctly, referring to the section on <Connecting Wires to Terminals>.

Troubleshooting Guide

Disc source

? **"AUX EXT" is displayed without achieving External disc control mode.**
- ✔ Unsupported disc changer is connected.
  - ☞ Use the disc changer mentioned in the <About CD players/disc changers connected to this unit> (page 3) of the section on <Safety precautions>.

? **The specified disc does not play, but another one plays instead.**
- ✔ The specified CD is quite dirty.
  - ☞ Clean the CD.
- ✔ The disc is loaded in a different slot from that specified.
  - ☞ Eject the disc magazine and check the number for the specified disc.
- ✔ The disc is severely scratched.
  - ☞ Try another disc instead.

? **A CD ejects as soon as it is loaded.**
- ✔ The CD is quite dirty.
  - ☞ Clean the CD, referring to the CD cleaning of the section on <About CDs> (page 5).

? **Can't remove disc.**
- ✔ The cause is that more than 10 minutes has elapsed since the vehicle ACC switch was turned OFF.
  - ☞ The disc can only be removed within 10 minutes of the ACC switch being turned OFF. If more than 10 minutes has elapsed, turn the ACC switch ON again and press the Eject button.

? **The disc won't insert.**
- ✔ There's already another disc inserted.
  - ☞ Press the [▲] button and remove the disc.

? **Direct Search can't be done.**
- ✔ Another function is ON.
  - ☞ Turn Random Play or other functions OFF.

? **Track Search can't be done.**
- ✔ For the discs/folders first or last song.
  - ☞ For each disc/folder, Track Search can't be done in the backward direction for the first song or in the forward direction for the last song.

MP3/WMA source

? **Cannot play an MP3/WMA.**
- ✔ The media is scratched or dirty.
  - ☞ Clean the media, referring to the CD cleaning of the section on <About CDs> (page 5).

? **The sound skips when an MP3/WMA is being played.**
- ✔ The media is scratched or dirty.
  - ☞ Clean the media, referring to the CD cleaning of the section on <About CDs> (page 5).
- ✔ The recording condition is bad.
  - ☞ Record the media again or use another media.

? **The MP3/WMA track time isn't displayed correctly.**
- ✔ ---
  - ☞ There are times when it isn't displayed correctly according to the MP3/WMA recording conditions.

If the following situations, consult your nearest service center:
Even though the disc changer is connected, the Disc Changer source is not ON, with "AUX EXT" showing in the display during the Changer Mode.

Troubleshooting Guide

The messages shown below display your systems condition.

EJECT: No disc magazine has been loaded in the changer. The disc magazine is not completely loaded.
⇨ Load the disc magazine properly.
No CD in the unit.
⇨ Insert the CD.

NO DISC: No disc has been loaded in the disc magazine.
⇨ Load a disc into the disc magazine.

TOC ERR: No disc has been loaded in the disc magazine.
⇨ Load a disc into the disc magazine.
The CD is quite dirty. The CD is upside-down. The CD is scratched a lot.
⇨ Clean the CD and load it correctly.

E-05:   The CD is upside-down.
⇨ Load the CD correctly.

BLANK: Nothing has been recorded on the MD.

NO TRACK: No tracks are recorded on the MD, although it has a title.

E-15:   Media was played that doesn't have data recorded that the unit can play.
⇨ Use media that has data recorded that the unit can play.

NO PANEL: The faceplate of the slave unit being connected to this unit has been removed.
⇨ Replace it.

E-99:   Something is wrong with the disc magazine. Or the unit is malfunctioning for some reason.
⇨ Check the disc magazine. And then press the reset button on the unit. If the "E-99" code does not disappear, consult your nearest service center.

HOLD: The protective circuit in the unit activates when the temperature inside the automatic disc changer exceeds 60℃ (140°F), stopping all operation.
⇨ Cool down the unit by opening the windows or turning on the air conditioner. As the temperature falls below 60℃ (140°F), the disc will start playing again.

LOAD: Discs are being exchanged in the Disc changer.

READING: The unit is reading the data on the disc.

IN (Blink):   The CD player section is not operating properly.
⇨ Reinsert the CD. If the CD cannot be ejected or the display continues to flash even when the CD has been properly reinserted, please switch off the power and consult your nearest service center.

NA FILE: A MP3/WMA is played with a format that this unit can't support.
⇨ ----

COPY PRO: A copy-protected file is played.
⇨ ----

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Specifications

Specifications subject to change without notice.

FM tuner section
(KDC-MP4029/MP4029G/MP3029/3029/2029)

Frequency range
  200 kHz space: 87.9 MHz – 107.9 MHz
  50 kHz space: 87.5 MHz – 108.0 MHz
Usable sensitivity (S/N = 30dB)
  : 9.3dBf (0.8 μV/75 Ω)
Quieting Sensitivity (S/N = 50dB)
  : 15.2dBf (1.6 μV/75 Ω)
Frequency response (±3 dB)
  : 30 Hz – 15 kHz
Signal to Noise ratio (MONO)
  : 70 dB
Selectivity (±400 kHz)
  : ≥ 80 dB
Stereo separation (1 kHz)
  : 40 dB

AM tuner section
(KDC-MP4029/MP4029G/MP3029/3029/2029)

Frequency range
  10 kHz space: 530 kHz – 1700 kHz
  9 kHz space: 531 kHz – 1611 kHz
Usable sensitivity (S/N = 20dB)
  : 28 dBμ (25 μV)

FM tuner section (KDC-3029R)

Frequency range (50 kHz space)
  : 87.5 MHz – 108.0 MHz
Usable sensitivity (S/N = 30dB)
  : 8.1dBf (0.7 μV/75 Ω)
Quieting Sensitivity (S/N = 50dB)
  : 15.2dBf (1.6 μV/75 Ω)
Frequency response (±3 dB)
  : 30 Hz – 15 kHz
Signal to Noise ratio (MONO)
  : 65 dB
Selectivity (±400 kHz)
  : ≥ 80 dB
Stereo separation (1 kHz)
  : 35 dB

MW tuner section (KDC-3029R)

Frequency range (9 kHz space)
  : 531 kHz – 1611 kHz
Usable sensitivity (S/N = 20dB)
  : 28 dBμ (25 μV)

LW tuner section (KDC-3029R)

Frequency range
  : 153 kHz – 281 kHz
Usable sensitivity (S/N = 20dB)
  : 45 μV

CD player section

Laser diode
  : GaAlAs
Digital filter (D/A)
  : 8 Times Over Sampling
D/A Converter
  : 1 Bit
Spindle speed
  : 500 – 200 rpm (CLV)
Wow & Flutter
  : Below Measurable Limit
Frequency response (±1 dB)
  : 10 Hz – 20 kHz
Total harmonic distortion (1 kHz)
  : 0.01 %
Signal to Noise ratio (1 kHz)
  KDC-MP4029/MP4029G/MP3029: 105 dB
  KDC-3029/3029R/2029: 93 dB
Dynamic range
  : 93 dB
Channel separation
  : 85 dB
MP3 decode (KDC-MP4029/MP4029G/MP3029)
  : Compliant with MPEG-1/2 Audio Layer-3
WMA decode (KDC-MP4029/MP4029G/MP3029)
  : Compliant with Windows Media Audio

Audio section

Maximum output power
  KDC-MP4029/MP4029G/3029/3029R/2029
  : 50 W x 4
  KDC-MP3029
  : 45 W x 4
Full Bandwidth Power (at less than 1% THD)
  : 22 W x 4
Tone action
  Bass : 100 Hz ±10 dB
  Middle : 1 kHz ±10 dB
  Treble : 10 kHz ±10 dB
Preout level / Load (during disc play)
  : 2000 mV/10 kΩ
Preout impedance
  : ≤ 600 Ω

General

Operating voltage (11 – 16V allowable)
  : 14.4 V
Current consumption
  : 10 A
Installation Size (W x H x D)
  : 182 x 53 x 155 mm
Weight: 3.1 lbs (1.4 kg)

KENWOOD

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