MZ360236EX（KDC336AXAM4）

CD-RECEIVER

INSTRUCTION MANUAL

**MITSUBISHI
MOTORS**

COMPACT
disc
DIGITAL AUDIO

Designed for
Windows
Media™

© B64-3948-00/00 (MW)
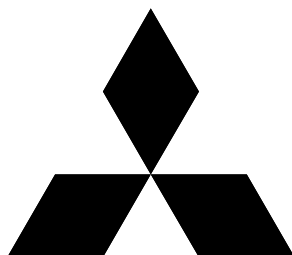
Contents

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.
• Mounting and wiring this product requires skills and experience. For safety's sake, leave the mounting and wiring work to professionals.

⚠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 place the faceplate (and 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 fuse 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.
Connecting unsupported disc changers/CD players to this unit may result in damage.
Set the "O-N" Switch to the "N" position for the applicable Kenwood disc changers/ CD players.
The functions you can use and the information that can be displayed may differ depending on the models being connected.

⚠

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

Lens Fogging

When 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, this condensation on the lens may not allow CDs 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.
- When you purchase optional accessories, check with your Kenwood dealer to make sure that they work with your model and in your area.
- 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 be inapplicable.

How to reset your unit

- 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.
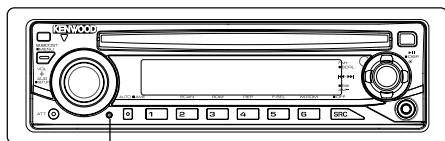
Reset button

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 it again with a clean soft dry cloth.

⚠

- 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-MP4036AX)

Refer to $\boxed{A}$ 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 memory storage is finished, the number of the pre-set buttons and the ensemble label are displayed.

<Searching by programme type and language> and <Languages to be displayed> in <Programme Type (PTY) Function>

At the operation to press [DISP] button, use [AUTO] button instead.

<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. This means that the unit is utilizing laser beams that are of a weaker class. There is no danger of hazardous radiation outside the unit.

About Audio file

- **Playable Audio file**

  MP3 (.mp3), WMA (.wma)

- **Playable disc media**

  CD-R/RW/ROM

- **Playable disc file format**

  ISO 9660 Level 1/2, Joliet, Romeo, Long file name.

Although the audio files are complied with the standards listed above, the play maybe impossible depending on the types or conditions of media or device.

- **Playing order of the Audio file**

  In the example of folder/file tree shown below, the files are played in the order from ① to ⑩.
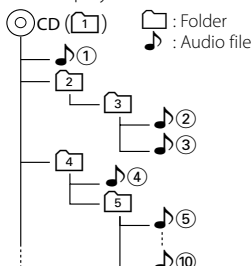
An online manual about audio files is put on the site, www.kenwood.com/audiofile/. On this online manual, detailed information and notes which are not written in this manual are provided. Make sure to read through the online manual as well.

Handling CDs

- Do not touch the recording surface of the CD.
- Do not stick tape etc. on the CD, or use a CD with tape stuck on it.
- Do not use disc type accessories.
- Clean from the center of the disc and move outward.
- When removing CDs from this unit, pull them out horizontally.
- If the CD center hole or outside rim has burrs, use the CD only after removing the burrs with a ballpoint pen etc.

CDs that cannot be used

- CDs that are not round cannot be used.
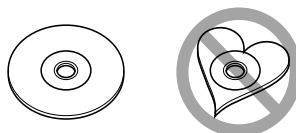
- CDs with coloring on the recording surface or CDs that are dirty cannot be used.
- This unit can only play the CDs with

  This unit may not correctly play discs which do not have the mark.

- You cannot play a CD-R or CD-RW that has not been finalized. (For the finalization process refer to your CD-R/CD-RW writing software, and your CD-R/CD-RW recorder instruction manual.)

General features

Release button VOL Control knob B.BOOST Auxiliary input ATT SRC

ATT indicator Clock display
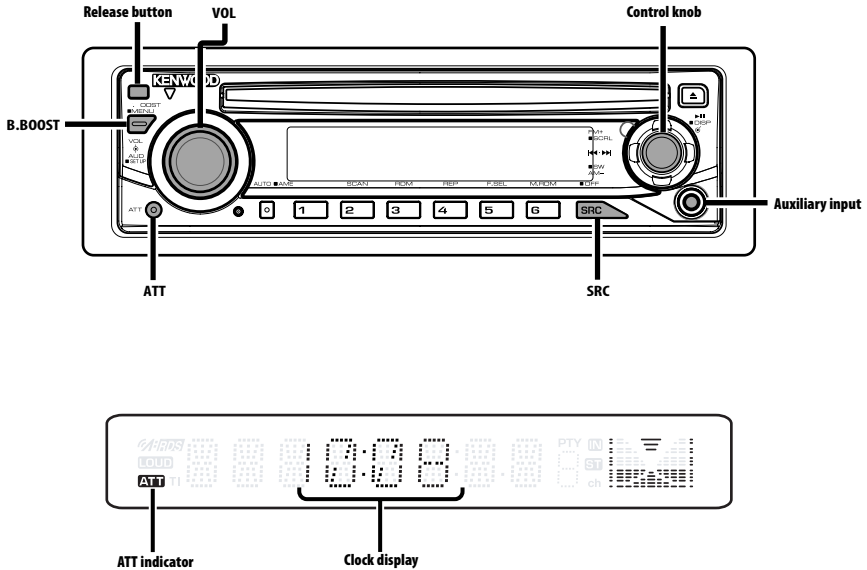
Power

Turning ON the Power
Press the [SRC] button.

⏺
- When the power is ON, the <Security Code> (page 16) is displayed as "CODE ON" or "CODE OFF". (Function of KDC-MP4036AX)

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*	"AUX"
Auxiliary input (Optional accessory)**	"AUX EXT"
Standby (Illumination only mode)	"STANDBY"

6 | English

* An equipment such as a portable audio player can be connected to the auxiliary input terminal using a commercially available mini-plug (3.5ø). (Function of KDC-MP4036AX/KDC-MP3036AX/KDC-MP336AX)

⏺
- ** Function of KDC-MP4036AX
- Use the mini-plug which is stereo type and does not have any resistance.

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 you press the button, the Attenuator turns ON and OFF.
When the Attenuator is ON, the "ATT" indicator blinks.

Audio Control

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

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

3 Select the Audio item to adjust
Press the [VOL] knob.
Each time you press the knob, the item to be adjusted alternates between the items shown in the table below.

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

Adjustment Item	Display	Range
Subwoofer level	"SW L"	−15 — +15
System Q	"NATURAL"/"ROCK"/ "POPS"/"EASY"/ "TOP40"/"JAZZ"	Natural/Rock/Pops/Easy/ Top 40/Jazz
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
Exit Audio Control mode (Volume control mode)		

⟨🖙⟩ About System Q

• You can recall the best sound setting preset for different types of music.
• Change each setting value with the <Speaker Setting> (page 8). First, select the speaker type with the Speaker setting.
• "USER": This appears when Bass level, Middle level, and Treble level are adjusted. When "USER" is selected, these levels are recalled.

5 Exit Audio Control mode
Press any button.
Press a button other than the [VOL] knob and [ATT] button.

Audio Setup

Setting the Sound system, such as Volume offset.

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

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

3 Select the Audio Setup item to adjust
Press the [VOL] knob.
Each time you press the knob, the item to be adjusted alternates between the items shown in the table below.

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

Adjustment Item	Display	Range
Low Pass Filter	"LPF"	80/120/160/Through Hz
Volume offset	"V-OFF"	−8 — ±0 (AUX : −8 — +8)

⟨🖙⟩

• Volume offset: Sets each source's volume as a difference from the basic volume.

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

Bass Boost

Bass sound can be enhanced by one-touch operatin.

Press the [B.BOOST] button.
When you press the button once, the current Bass Boost setting is displayed.
Each time you press the button, the Bass Boost setting alternates.

Setting	Display
Bass Boost 1	"BB-L L1"
Bass Boost 2	"BB-L L2"
Bass Boost off	"BB-L OFF"

General features

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.

3 Select the Speaker type
Turn the [VOL] knob.
Each time you turn the knob, the setting alternates between the settings shown in the table below.

Speaker type	Display
OFF	"SP OFF"
For 5 & 4 in. speaker	"SP 5/4"
For 6 & 6x9 in. speaker	"SP 6*9/6"
For the OEM speaker	"SP OEM"

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

Switching Display

Changing 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 towards [I◄◄] or [►►I].

In Tuner source

Information	Display
Frequency	"FREQ"
Clock	"CLOCK"

In CD & External disc source

Information	Display
Disc title	"D-TITLE"
Track title	"T-TITLE"
Play time & Track number	"P-TIME"
Clock	"CLOCK"

In Audio file source

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

In Standby/ Auxiliary input source

Information	Display
Source name	"SRC NAME"
Clock	"CLOCK"

3 Exit Switching Display mode
Press the Control knob.

⁂

• Album name cannot be displayed in WMA file.
• If the selected display item does not have any information, alternative information is displayed.

Subwoofer Output

Turning the Subwoofer output ON or OFF.

Push the Control knob toward [AM] for at least 2 seconds.
Each time you push the knob, Subwoofer output switches ON and OFF.
When it is ON, "SW ON" is displayed.

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 unlocks, allowing you to detach it.

⚠

- The faceplate is a precision piece of equipment and can be damaged by shocks or jolts.
- Keep the faceplate in its faceplate case while detached.
- Do not expose the faceplate (and the faceplate 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
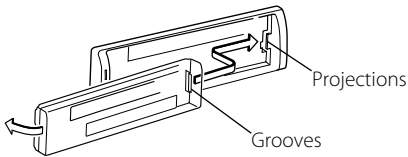
2 Push the faceplate in until it clicks.

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.
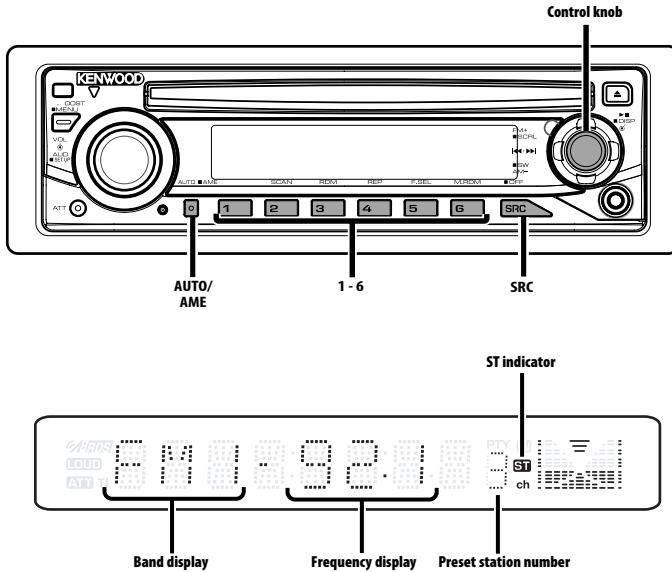
When the call ends
Hang up the phone.

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

⌨

- To use the TEL Mute feature, you need to hook up the MUTE wire to your telephone using a commercial telephone accessory. Refer to <Connecting Wires to Terminals> (page 22).

Tuner features

Control knob

AUTO/ AME   **1 - 6**   **SRC**

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 towards [FM] or [AM].
Each time you push the knob toward [FM], it switches between the FM1, FM2, and FM3 bands.

3 Tune up or down band
Push the Control knob towards [I◄◄] or [►►I].

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

Tuning Mode

Choose the tuning mode.

Press the [AUTO] button.
Each time you press the button, the Tuning mode alternates between the modes shown in the table below.

Tuning mode	Display	Operation
Auto seek	"AUTO1"	Automatic search for a station.
Preset station seek	"AUTO2"	Search in order of the stations in the Preset memory.
Manual	"MANUAL"	Normal manual tuning control.

Station Preset Memory

Putting a station in the memory.

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

2 Select the frequency to put in the memory
Push the Control knob towards [◄◄] 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.

Auto Memory Entry

Putting stations with good reception in the memory automatically.

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

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

Preset Tuning

Recalling the stations in the memory.

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

2 Recall 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] buttons, press the [SRC] button.
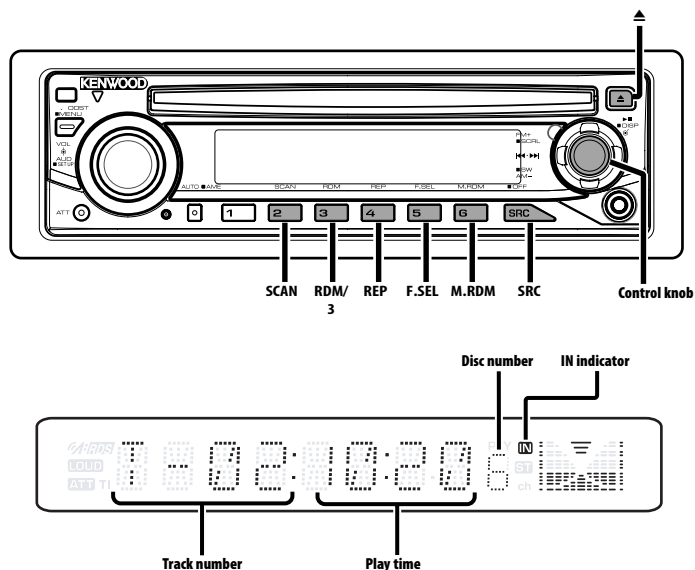Release your fingers from the button after the display appears.
The frequency step changes to FM band 200 kHz, and AM band 10 kHz.

⊙

• When the same operation is repeated, the frequency step returns to the original setting.
• When the frequency step is changed, the frequencies in the memory are deleted.

CD/Audio file/External disc control features

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

Disc number   IN indicator

Track number   Play 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 you press the knob, the audio pauses or plays.

Eject the CD
Press the [⏏] button.

⟨⫷⟩
• Refer to <About Audio file> (page 5) for the Audio file by models you can play.
• You can eject the disc for 10 minutes after switching off the engine.

Function of KDC-MP4036AX
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 you press the knob, the audio pauses or 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.

Fast Forwarding and Reversing

Fast Forwarding
Hold down toward [►►ı] with the Control knob.
Release to resume the playback.

Reversing
Hold down toward [ı◄◄] with the Control knob.
Release to resume the playback.

⟨≡⟩
- There is no sound while the Audio file is being searched.
- The accurate track time is not displayed during fast forwarding or reversing of the Audio file.

Track/File Search

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

Push the Control knob towards [ı◄◄] or [►►ı].

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 towards [FM] or [AM].

*Accessory of KDC-MP4036AX/KDC-MP3036AX/
KDC-MP3036*
Function of remote control
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 control.

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

Cancelling Direct Track/File Search
Press the [►ıı] button.

Function of KDC-MP4036AX
Function of disc changers with remote control
Direct Disc Search

Doing Disc Search by entering the disc number.

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

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

Cancelling Direct Disc Search
Press the [►ıı] 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 are listening to.

Press the [REP] button.
Each time you press the button, the Repeat Play alternates between the modes shown in the tables 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 or Audio file folder you are listening to and searching for the song you want to hear.

1 Start Scan Play
Press the [SCAN] button.
"TRAC SCN"/"FILE SCN" is displayed.

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

Random Play

Play all the songs on the disc or Audio file folder in random order.

Press the [RDM] button.
Each time you press the button, Random Play turns ON or OFF.
When the Random mode is ON, "DISC RDM"/"FOLD RDM" is displayed.

⌣
• When you push the Control knob toward [►►I], the next random song starts.

Function of KDC-MP4036AX
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 you press the button, the Magazine Random Play turns ON or OFF.
When the Magazine Random mode is ON, "MGZN RDM" is displayed.

⌣
• When you push the Control knob toward [►►I], the next random song starts.

Function of Audio file
Folder Select

Quickly selecting the folder you want to hear.
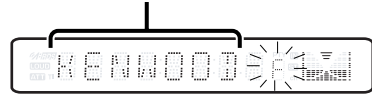
1 Enter Folder Select mode
Press the [F.SEL] button.
"FLD SEL" is displayed.
During Select mode the folder information is displayed as shown below.

> Folder name display
> Displays the current folder name.

2 Select the folder level
Push the Control knob towards [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 towards [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.

Scrolling the folder name display
Push the Control knob toward [FM] for at least 2 seconds.

3 Decide the folder to play
Press the Control knob.
The Folder Select mode releases, and the Audio file in the folder being displayed plays.
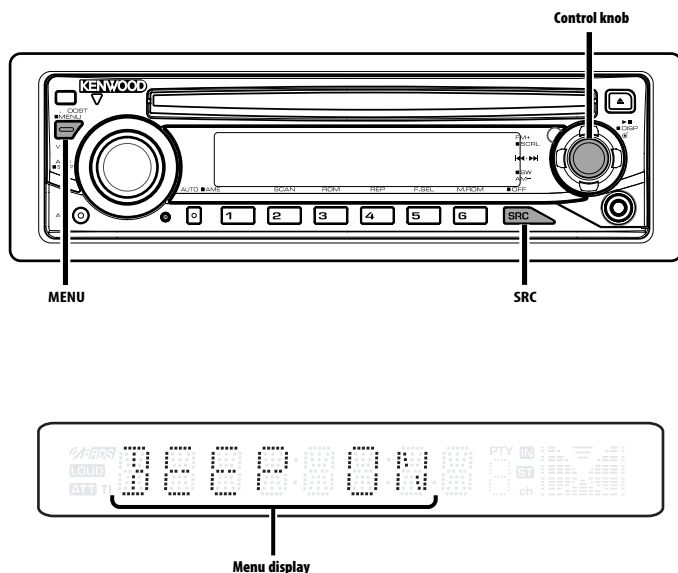
Cancelling the Folder Select mode
Press the [F.SEL] button.

Text/Title Scroll

Scrolling the displayed CD text, Audio file text, or MD title.

Push the Control knob toward [FM] for at least 2 seconds.

Menu system

Control knob

MENU

SRC

Menu display

Menu System

Setting beep sound during operation, 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 towards [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 towards [|◀◀] or [▶▶|].
Example: When you select "BEEP", each time you push the knob it alternates between "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 those applicable to the basic operation method above are displayed, their setting content chart is entered. (Normally the setting listed at the top of the chart is the original setting.)
Also, the explanation for items that are not applicable (<Manual Clock Adjustment> etc.) are entered step by step.

English | **15**

Menu system

Function of KDC-MP4036AX
In Standby mode

Security Code

Activating the Security Code disables the usage of audio unit by someone else. Once the Security Code is activated, the entry of authorized Security Code is required to turn on the audio unit when it is removed from the vehicle. Indication of this Security Code activation prevents your precious audio unit from stealing.

⏝

• When you activate the Security Code function, it cannot 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, "CODE SET" is displayed.

3 Enter Security Code mode
   Press the Control knob for at least 1 second.
   When "ENTER" is displayed, "CODE" is also displayed.

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

5 Select the Security Code numbers
   Push the Control knob towards [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 also 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.

Resetting the Security Code function when the audio unit is first used after removed from the battery power source or the Reset button is pressed

1 Turn the power ON.

2 Do the step 4 through 7 step operation, and reenter the security code.
   "APPROVED" is displayed.
   Now, you can use the unit.

⏝

• If an incorrect code is entered, "WAITING" is displayed, and the input prohibition periods shown in the table below is generated.
  After the input prohibition time lapses, "CODE" is displayed, and you can reenter the code.

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.

Manual Clock Adjustment

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

2 Enter Clock Adjust mode
Press the Control knob for at least 1 second.
The clock display blinks.

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

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

4 Exit Clock adjustment mode
Press the [MENU] button.

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.

Dimmer

You can lower the brightness of the display by using the dimmer function.

Display	Setting
"DIM ON"	The display dims.
"DIM OFF"	The display doesn't dim.

In Standby mode
Switching preout

Alternating the preout between the rear and subwoofer. (With the subwoofer the sound outputs without being effected by fader control.)

Display	Setting
"SWPRE R"	Rear preout.
"SWPRE SW"	Subwoofer preout.

In Audio file source
Supreme Setting

When MP3 or WMA files encoded at a low bit rate (less than 96kbps (fs=32k, 44.1k, 48kHz)) are played, this function restores their high frequency region to approach the sound quality of equivalents of these files encoded at a high bit rate. Processing is optimized for the compression format used (MP3, or WMA), and adjustment is made for the bit rate used.

Display	Setting
"SPRM ON"	Plays sound using the Supreme function.
"SPRM OFF"	Plays the original sound stored in the audio file.

⊜

• The sound effect may be imperceptible depending on the relationship between the audio file format and setting.

In FM reception
CRSC (Clean Reception System Circuit)

Temporarily have reception alternate 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 KDC-MP4036AX/KDC-MP3036AX/
KDC-MP336AX*
Auxiliary Input Display Setting

Selecting the display when alternating to Auxiliary
input source.

1 Select Auxiliary input source
Press the [SRC] button.
Select the "AUX"/"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 towards [FM] or [AM].
Select the "NAME SET" display.

4 Enter Auxiliary input display setting mode
Press the Control knob for at least 1 second.
The selected Auxiliary input display is displayed.

5 Select the Auxiliary input display
Push the Control knob towards [I◄◄] or [►►I].
Each time you push the knob, the display alternates
as listed below.
• "AUX"/"AUX EXT"
• "DVD"
• "PORTABLE"
• "GAME"
• "VIDEO"
• "TV"

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.
• You can only set the Auxiliary input display when the
built-in auxiliary input or the auxiliary input of optional
KCA-S220A is used.

Text Scroll

Setting the displayed text scroll.

Display	Setting
"SCL AUTO"	Repeats scroll.
"SCL MANU"	Scrolls when the display changes.

⏚

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

*Function of KDC-MP4036AX/KDC-MP3036AX/
KDC-MP336AX*
In Standby mode
Built-in Auxiliary input Setting

Set the Built-in Auxiliary Input function.

Display	Setting
"AUX OFF"	When selecting the source there's no Auxiliary Input.
"AUX ON1"	When selecting the source there's Auxiliary Input.
"AUX ON2"	When the unit is turned on by AUX source, the attenuator function is activated. Press [ATT] button to cancel the attenuator function in order to listen to the external equipment. there's Auxiliary Input.

⏚

• Setting to "AUX ON2" will not output the noise which is
produced when an external equipment is not connected
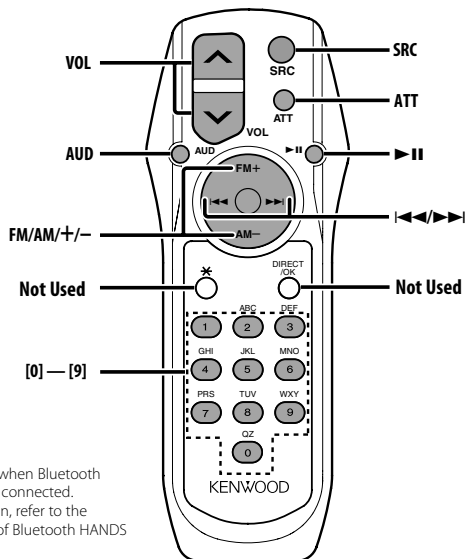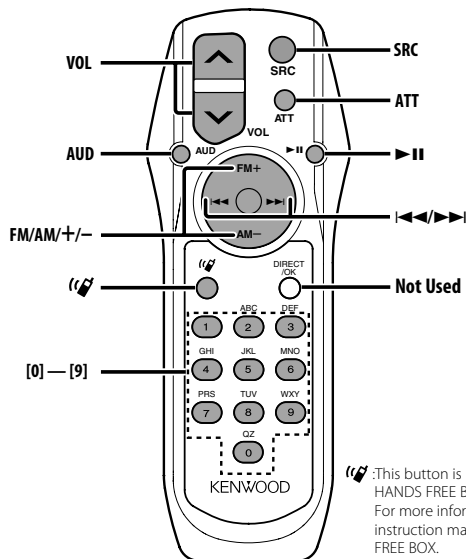to the AUX terminal.

In Standby mode
CD Read Setting

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

Display	Setting
"CD READ1"	Play CD and Audio file.
"CD READ2"	Play CD by force.

⏚

• Some music CDs may not play even in the "CD READ2"
mode.

Basic Operations of remote control

KDC-MP4036AX

KDC-MP3036AX/KDC-MP3036

(:This button is used when Bluetooth HANDS FREE BOX is connected. For more information, refer to the instruction manual of Bluetooth HANDS FREE BOX.
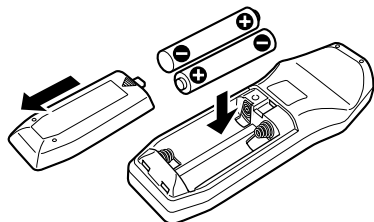
Loading and Replacing the battery

Use two "AA"/ "R6"-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 control in hot places such as on the dashboard.

Basic operations

[VOL] buttons
  Adjusts the volume.

[SRC] button
  Each time you press the button, the source alternates.
  For the source alternating order refer to <Selecting the Source> (page 6).

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

Audio Control

[AUD] button
 Selects the Audio item to be adjusted.

[VOL] buttons
 Adjusts the Audio item.

⟨⊜⟩
 • Refer to <Audio Control> (page 7) for the operation
  method, such as the procedures for Audio control and
  others operations.

In Tuner source

[FM]/ [AM] buttons
 Selects the band.
 Each time you press the [FM] button, the band
 alternates 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
 Going forwards and backwards between track/files.

[+]/ [−] buttons
 Going forwards and backwards between disc/
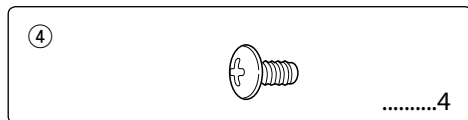 folders.

[►II] button
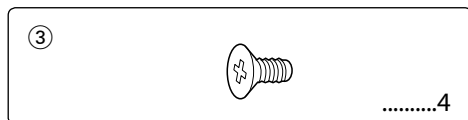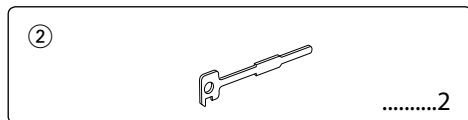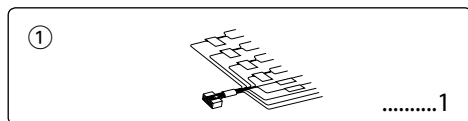 Each time you press the button, the song pauses
 or plays.

[0] — [9] buttons
 When in <Direct Track/File Search> (page 13) and
 <Direct Disc Search> (page 13), enters the track/
 file/disc number.

Accessories/ Installation Procedure

Accessories

① 1

② 2

③ 4

④ 4

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.
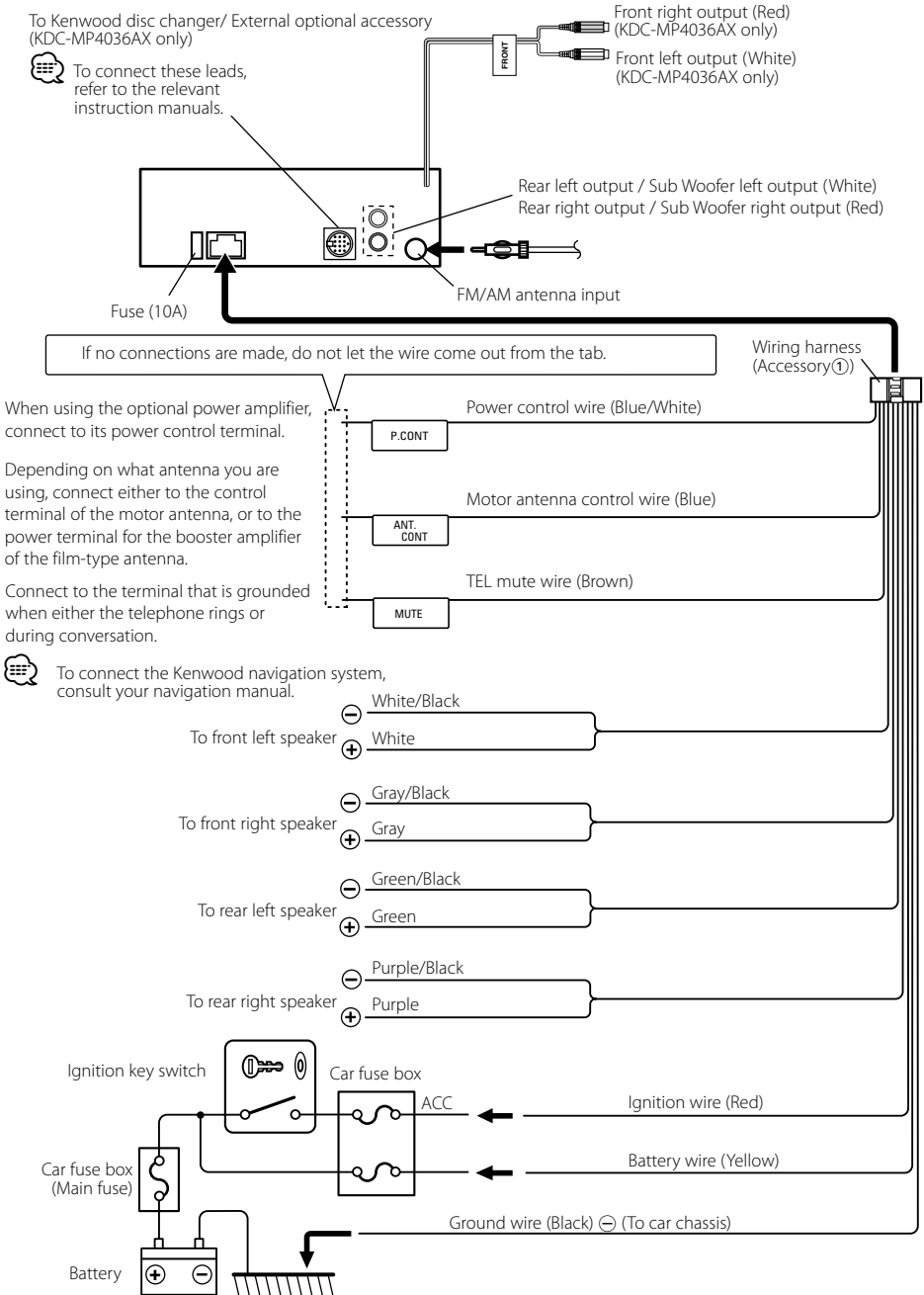7. Reconnect the ⊖ battery.
8. Press the reset button.

⚠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.
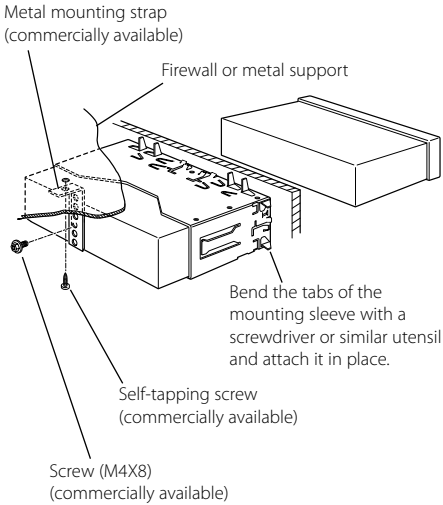
⚠

• 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.

Connecting Wires to Terminals

To Kenwood disc changer/ External optional accessory (KDC-MP4036AX only)

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

Front right output (Red) (KDC-MP4036AX only)

Front left output (White) (KDC-MP4036AX only)

FRONT

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

Fuse (10A)

FM/AM antenna input

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

Wiring harness (Accessory①)

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

To front left speaker — White

Gray/Black

To front right speaker — Gray

Green/Black

To rear left speaker — Green

Purple/Black

To rear right speaker — Purple

Ignition key switch

Car fuse box

ACC

Ignition wire (Red)

Car fuse box (Main fuse)

Battery wire (Yellow)

Ground wire (Black) ⊖ (To car chassis)

Battery

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)
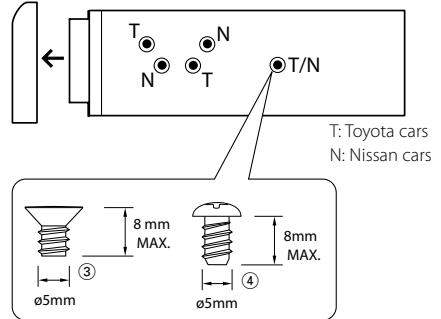
⋐

• 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> 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: 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.

Installation

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
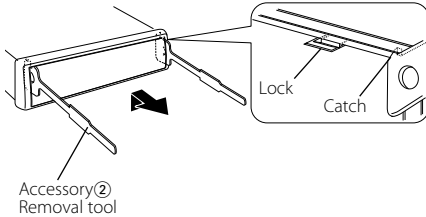
2 When the upper level is removed, remove the lower two locations.

⌨
• 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> 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.
4 Lower the removal tool toward the bottom, and pull out the unit halfway while pressing towards the inside.

Screw (M4X8)
(commercially available)

Accessory②
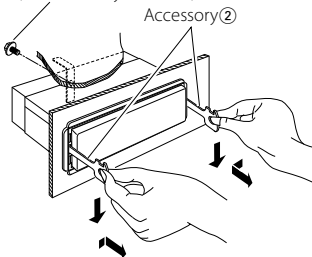
⚠
• Be careful to avoid injury from the catch pins on the removal tool.
5 Pull the unit all the way out with your hands, being careful not to drop it.

Troubleshooting Guide

Some functions of this unit may be disabled by some settings made on this unit.

! **Cannot switch to Aux source.**
▶ AUX is not turned on. ☞ <Built-in Auxiliary input Setting> (page 18)
- -

! **Cannot display the user of System Q.**
▶ <Audio Control> (page 7) is not set.
- -

! **• Cannot set up the subwoofer.**
• No output from the subwoofer.
• Cannot set up the low pass filter.
▶ • Preout is not set to subwoofer. ☞ <Switching preout> (page 17)
• <Subwoofer Output> (page 8) is not set to On.
- -

! **Cannot play audio files.**
▶ <CD Read Setting> (page 18) is set to "2".
- -

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

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> (page 22).
- -

Disc source

? **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.
- -

Audio file source

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

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.
- No CD in the unit.

NO DISC:
No disc has been loaded in the disc magazine.

TOC ERR:
- No disc has been loaded in the disc magazine.
- The CD is quite dirty. The CD is upside-down. The CD is scratched a lot.

E-05:
The disc is unreadable.

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.

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

E-77:
The unit is malfunctioning for some reason.
➪ Press the reset button on the unit. If the "E-77" code does not disappear, consult your nearest service center.

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.

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.

PROTECT:
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. If the "PROTECT" code does not disappear, consult your nearest service center.

NA FILE:
An Audio file is played with a format that this unit can't support.
➪ ----

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

Specifications

Specifications subject to change without notice.

FM tuner section

Frequency range (50 kHz space)
 : 87.5 MHz – 108.0 MHz
Frequency range (200 kHz space)
 : 87.9 MHz – 107.9 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

Frequency range (9 kHz space)
 : 531 kHz – 1611 kHz
Frequency range (10 kHz space)
 : 530 kHz – 1700 kHz
Usable sensitivity (S/N = 20dB)
 : 28 dBμ (25 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)
 : 105 dB
Dynamic range
 : 93 dB
MP3 decode
 : Compliant with MPEG-1/2 Audio Layer-3
WMA decode
 : Compliant with Windows Media Audio

Audio section

Maximum output power
 : 50 W x 4
Full Bandwidth Power (at less than 1% THD)
 : 22 W x 4
Speaker Impedance
 : 4 – 8 Ω
Tone action
  Bass : 100 Hz ±8 dB
  Middle : 1 kHz ±8 dB
  Treble : 10 kHz ±8 dB
Preout level / Load (during disc play)
 : 2000 mV/10 kΩ
Preout impedance
 : ≤ 600 Ω

Auxiliary input (KDC-MP4036AX/ KDC-MP3036AX/KDC-MP336AX)

Frequency response (±1 dB)
 : 20 Hz – 20 kHz
Input Maximum Voltage
 : 1200 mV
Input Impedance
 : 100 kΩ

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
 : 1.40 kg

KENWOOD