

KENWOOD

KMM-BT304
KMM-BT204

DIGITAL MEDIA RECEIVER
INSTRUCTION MANUAL

JVCKENWOOD Corporation



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B5A-2107-00 (MN/HN)

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2 ENGLISH

BEFORE USE

IMPORTANT

- To ensure proper use, please read through this manual before using this product. It is especially important that you read and observe Warning and Caution in this manual.
- Please keep the manual in a safe and accessible place for future reference.

▲ WARNING

- Do not operate any function that takes your attention away from safe driving.

• Do not ingest the battery, Chemical Burn Hazard

The remote control supplied with this product contains a coin/button cell battery.

If the coin/button cell battery is swallowed, it can cause severe internal burns in just 2 hours and can lead to death.

Keep new and used batteries away from children.

If the battery compartment does not close securely, stop using the product and keep it away from children.

If you think batteries might have been swallowed or placed inside any part of the body, seek immediate medical attention.

▲ Caution

Volume setting:

- Adjust the volume so that you can hear sounds outside the car to prevent accidents.
- Lower the volume before playing digital sources to avoid damaging the speakers by the sudden increase of the output level.

General:

- Avoid using the external device if it might hinder safe driving.
- Make sure all important data has been backed up. We shall bear no responsibility for any loss of recorded data.
- Never put or leave any metallic objects (such as coins or metal tools) inside the unit to prevent a short circuit.
- USB rating is indicated on the main unit. To view, detach the faceplate. (→ 3)
- Depending on the types of cars, the antenna will automatically extend when you turn on the unit with the antenna control wire connected (→ 33). Turn off the unit or change the source to STANDBY when parking at a low ceiling area.

Remote control (RC-406):

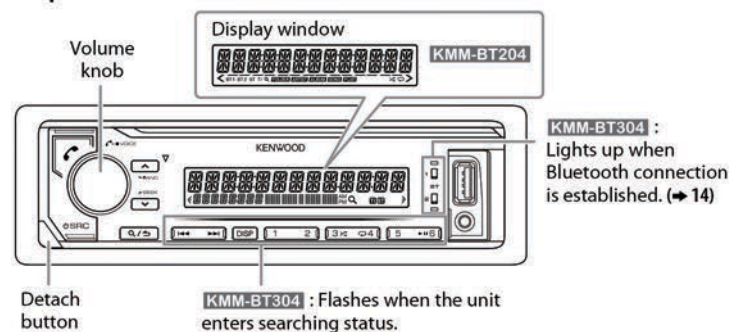
- Do not leave the remote control in hot places such as on the dashboard.
- The Lithium battery is in danger of explosion if replaced incorrectly. Replace it only with the same or equivalent type.
- The battery pack or batteries shall not be exposed to excessive heat such as sunshine, fire or the like.

How to read this manual

- Operations are explained mainly using buttons on the faceplate of **KMM-BT304**.
- English indications are used for the purpose of explanation. You can select the display language from the [FUNCTION] menu. (→ 5)
- [XX] indicates the selected items.
- (→ XX) indicates references are available on the stated page.

BASICS

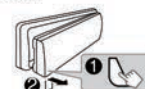
Faceplate



Attach



Detach

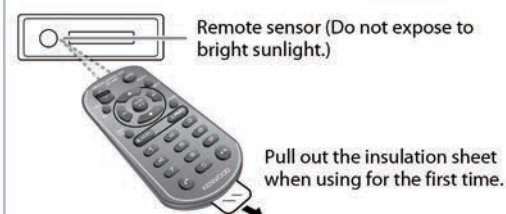


How to reset



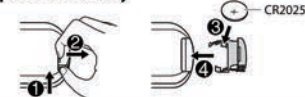
Reset the unit within 5 seconds after detaching the faceplate.

Remote control (RC-406) (supplied for KMM-BT304)



KMM-BT204 : Remote control functions are not available.

How to replace the battery



To	On the faceplate	On the remote control
Turn on the power	Press SRC . • Press and hold to turn off the power.	Press and hold SRC to turn off the power. (Pressing SRC does not turn on the power.)
Adjust the volume	Turn the volume knob.	Press VOL $\wedge$ or VOL $\vee$. • Press and hold VOL $\wedge$ to continuously increase the volume to 15. Press ATT during playback to attenuate the sound. • Press again to cancel.
Select a source	Press SRC repeatedly.	Press SRC repeatedly.
Change the display information	Press DISP repeatedly. (→ 30, 31)	(Not available)

ENGLISH 3

GETTING STARTED



1 Select the display language and cancel the demonstration

When you turn on the power for the first time (or [FACTORY RESET] is set to [YES], ➔ 5), the display shows: "SEL LANGUAGE" ➔ "PRESS" ➔ "VOLUME KNOB"

- 1 Turn the volume knob to select [ENG] (English) or [TUR] (Turkish), then press the knob.
[ENG] is selected for the initial setup.
Then, the display shows: "CANCEL DEMO" ➔ "PRESS" ➔ "VOLUME KNOB".
- 2 Press the volume knob.
[YES] is selected for the initial setup.
- 3 Press the volume knob again.
"DEMO OFF" appears.

Then, the display shows the selected crossover type: "2-WAY X'OVER" or "3-WAY X'OVER"

- To change the crossover type, see "Change the crossover type". (➔ 5)

2 Set the clock and date

- 1 Press the volume knob to enter [FUNCTION].
- 2 Turn the volume knob to select [CLOCK], then press the knob.

To adjust the clock

- 3 Turn the volume knob to select [CLOCK ADJUST], then press the knob.
- 4 Turn the volume knob to make the settings, then press the knob.
Hour ➔ Minute
- 5 Turn the volume knob to select [CLOCK FORMAT], then press the knob.
- 6 Turn the volume knob to select [12H] or [24H], then press the knob.

To set the date

- 7 Turn the volume knob to select [DATE FORMAT], then press the knob.
- 8 Turn the volume knob to select [DD/MM/YY] or [MM/DD/YY], then press the knob.
- 9 Turn the volume knob to select [DATE SET], then press the knob.
- 10 Turn the volume knob to make the settings, then press the knob.
Day ➔ Month ➔ Year or Month ➔ Day ➔ Year
- 11 Press and hold Q/➔ to exit.

To return to the previous setting item, press Q/➔.

3 Set the initial settings

- 1 Press SRC repeatedly to enter STANDBY.
- 2 Press the volume knob to enter [FUNCTION].
- 3 Turn the volume knob to select an item (see the following table), then press the knob.
- 4 Repeat step 3 until the desired item is selected or activated.
- 5 Press and hold Q/➔ to exit.

To return to the previous setting item, press Q/➔.

Default: XX

AUDIO CONTROL

SWITCH	(For KMM-BT204)
PREOUT	(Not applicable if 3-way crossover is selected)
	REAR/SUB-W: Selects whether rear speakers or a subwoofer are connected to the line out terminals on the rear (through an external amplifier). (➔ 34)

4 ENGLISH

GETTING STARTED

DISPLAY	
EASY MENU	(For KMM-BT304) When entering [FUNCTION]... ON: ZONE 1 illumination changes to white color. ; OFF: ZONE 1 illumination remains as [COLOR SELECT] color. (➔ 25) • ZONE 2 illumination changes to light blue color when you enter [FUNCTION], regardless of the [EASY MENU] setting. • Refer to the illustration on page 25 for zone identification.
TUNER SETTING	
PRESET TYPE	NORMAL: Memorizes one station for each preset button in each band (FM1/FM2/FM3/AM/SW1/SW2). ; MIX: Memorizes one station for each preset button, regardless of the selected band.
SYSTEM	
KEY BEEP	(Not applicable if 3-way crossover is selected) ON: Activates the keypress tone. ; OFF: Deactivates.
TDF ALARM	(Not applicable if 3-way crossover is selected) ON: Activates the alarm if you forget to detach the faceplate when ACC is set to OFF. ; OFF: Deactivates.
SOURCE SELECT	
PANDORA SRC	ON: Enables PANDORA in source selection. ; OFF: Disables. (➔ 11)
SPOTIFY SRC	ON: Enables SPOTIFY in source selection. ; OFF: Disables. (➔ 12)
BUILT-IN AUX	ON: Enables AUX in source selection. ; OFF: Disables. (➔ 7)
F/W UPDATE	
UPDATE SYSTEM	
F/W UP xxxx	YES: Starts upgrading the firmware. ; NO: Cancels (upgrading is not activated). For details on how to update the firmware, visit www.kenwood.com/cs/ce/.

FACTORY RESET	YES: Resets the settings to default (except the stored station). ; NO: Cancels.
CLOCK	
CLOCK DISPLAY	ON: The clock time is shown on the display even when the unit is turned off. ; OFF: Cancels.
ENGLISH	Select the display language for [FUNCTION] menu and music information if applicable.
TURKCE	By default, [ENGLISH] is selected.

Change the crossover type

- 1 Press **⏻ SRC** repeatedly to enter **STANDBY**.
- 2 Press and hold number buttons **4** and **5** to enter crossover select. The current crossover type appears.
- 3 Turn the volume knob to select **"2WAY"** or **"3WAY"**, then press the knob.
- 4 Turn the volume knob to select **"YES"** or **"NO"**, then press the knob. The selected crossover type appears.
 - To cancel, press and hold **⏻ / ⏮**.
 - To adjust the selected crossover settings, (➔ 22).

⚠ Caution

Select a crossover type according to how the speakers are connected. (➔ 33, 34)

If you select a wrong type:

- The speakers may damage.
- The output sound level may be extremely high or low.

RADIO



Search for a station

- 1 Press **SRC** repeatedly to select RADIO.
 - 2 Press **BAND** repeatedly (or press **#FM+** / ***AM-** on the remote control) to select FM1/FM2/FM3/SW1/SW2.
 - 3 Press **◀▶** / **▶▶** (or press **◀▶** / **▶▶** (+) on the remote control) to search for a station.
- To change the searching method for **◀▶** / **▶▶**: Press **SEEK** repeatedly.
 - AUTO1** : Automatically search for a station.
 - AUTO2** : Search for a preset station.
 - MANUAL** : Manually search for a station.
 - To store a station: Press and hold one of the number buttons (1 to 6).
 - To select a stored station: Press one of the number buttons (1 to 6) (or press one of the number buttons (1 to 6) on the remote control).

Direct Access Tuning (using the remote control)

- 1 Press **DIRECT** to enter Direct Access Tuning.
 - 2 Press the number buttons to enter a frequency.
 - 3 Press **ENT ▶▶** to search for a station.
- To cancel, press **↵** or **DIRECT**.
 - If no operation is done for 10 seconds after step 2, Direct Access Tuning is automatically canceled.

Other settings

- 1 Press the volume knob to enter [FUNCTION].
- 2 Turn the volume knob to select an item (see the following table), then press the knob.
- 3 Repeat step 2 until the desired item is selected/activated or follow the instructions stated on the selected item.
- 4 Press and hold **Q/↵** to exit.

To return to the previous setting item, press **Q/↵**.

Default: **XX**

TUNER SETTING

LOCAL SEEK	ON : Searches only AM/SW1/SW2 stations with good reception. ; OFF : Cancels. • Settings made are applicable only to the selected source/station. Once you change the source/station, you need to make the settings again.
AUTO MEMORY	YES : Automatically starts memorizing 6 stations with good reception. ; NO : Cancels. • Selectable only if [NORMAL] is selected for [PRESET TYPE] . (→ 5)
MONO SET	ON : Improves the FM reception, but the stereo effect may be lost. ; OFF : Cancels.
NEWS SET	ON : The unit will temporarily switch to News Programme if available. ; OFF : Cancels.
REGIONAL	ON : Switches to another station only in the specific region using the "AF" control. ; OFF : Cancels.
AF SET	ON : Automatically searches for another station broadcasting the same program in the same Radio Data System network with better reception when the current reception is poor. ; OFF : Cancels.
TI	ON : Allows the unit to temporarily switch to Traffic Information if available ("TI" lights up). ; OFF : Cancels.

RADIO

- PTY SEARCH**
- 1 Turn the volume knob to select the available Program Type, then press the knob.
 - 2 Turn the volume knob to select the PTY language (**ENGLISH/FRENCH/GERMAN**), then press the knob.
 - 3 Press **◀▶** to start searching.

CLOCK

- TIME SYNC** **ON**: Synchronizes the unit's time to the Radio Data System station time. ;
OFF: Cancels.

Available Program Type for [PTY SEARCH]

SPEECH : NEWS, AFFAIRS, INFO (information), SPORT, EDUCATE, DRAMA, CULTURE, SCIENCE, VARIED, WEATHER, FINANCE, CHILDREN, SOCIAL, RELIGION, PHONE IN, TRAVEL, LEISURE, DOCUMENT

MUSIC : POP M (music), ROCK M (music), EASY M (music), LIGHT M (music), CLASSICS, OTHER M (music), JAZZ, COUNTRY, NATION M (music), OLDIES, FOLK M (music)

The unit will search for the Program Type categorized under **[SPEECH]** or **[MUSIC]** if selected.

- **[MONO SET]/[NEWS SET]/[REGIONAL]/[AF SET]/[TI]/[PTY SEARCH]** is selectable only when the band is FM1/FM2/FM3.
- If the volume is adjusted during reception of traffic information, alarm or news bulletin, the adjusted volume is memorized automatically. It will be applied the next time traffic information, alarm or news bulletin is turned on.

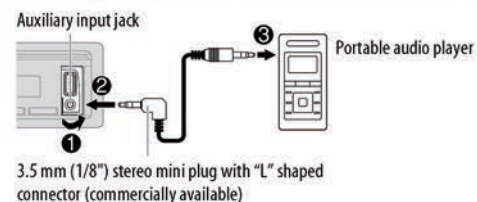
AUX

Preparation:

Select **[ON]** for **[BUILT-IN AUX]** for **[SOURCE SELECT]**. (→ 5)

Start listening

- 1 Connect a portable audio player (commercially available).



- 2 Press **⏻ SRC** repeatedly to select **AUX**.
- 3 Turn on the portable audio player and start playback.

Set the AUX name

While listening to a portable audio player connected to the unit...

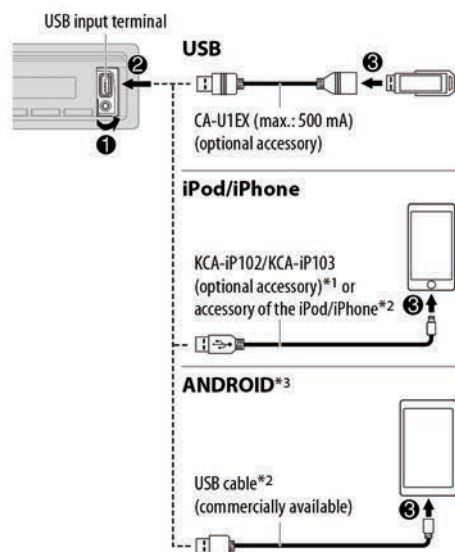
- 1 Press the volume knob to enter **[FUNCTION]**.
- 2 Turn the volume knob to select **[SYSTEM]**, then press the knob.
- 3 Turn the volume knob to select **[AUX NAME SET]**, then press the knob.
- 4 Turn the volume knob to select an item, then press the knob.
AUX (default)/**DVD/PORTABLE/GAME/VIDEO/TV**
- 5 Press and hold **⏻** to exit.

To return to the previous setting item, press **⏻**.

USB/iPod/ANDROID

Start playback

The source changes automatically and playback starts.



*1 KCA-iP102 : 30-pin type, KCA-iP103 : Lightning type

*2 Do not leave the cable inside the car when not using.



To	On the faceplate	On the remote control
Playback/pause	Press ▶II 6.	Press ENT ▶II.
Reverse/Fast-forward*4	Press and hold ◀◀ / ▶▶.	Press and hold ◀◀ / ▶▶ (+).
Select a file	Press ◀◀ / ▶▶.	Press ◀◀ / ▶▶ (+).
Select a folder*5	Press ▲ / ▼.	Press #FM+ / *AM-.
Repeat play*6	Press ↺ 4 repeatedly. FILE REPEAT/FOLDER REPEAT/ALL REPEAT : MP3/WMA/AAC/WAV/FLAC file FILE REPEAT/FOLDER REPEAT/REPEAT OFF : iPod or ANDROID	
Random play*6	Press 3 >↺ repeatedly. FOLDER RANDOM/RANDOM OFF : MP3/WMA/AAC/WAV/FLAC file, iPod or ANDROID Press and hold 3 >↺ to select ALL RANDOM.	

*3 When connecting an Android device, "Press [VIEW] to install KENWOOD MUSIC PLAY APP" is shown. Follow the instructions to install the application. You can also install the latest version of KENWOOD MUSIC PLAY application on your Android device before connecting. For more information, visit <www.kenwood.com/cs/ce/>.

*4 For ANDROID: Applicable only when **[BROWSE MODE]** is selected. (➡ 9)

*5 This does not work for iPod/ANDROID.

*6 For iPod/ANDROID: Applicable only when **[MODE OFF]/[BROWSE MODE]** is selected. (➡ 9)

USB/iPod/ANDROID

Select control mode

While in iPod USB source, press **5** repeatedly.

MODE ON : Control iPod using the iPod itself. However, you can still play/pause, file skip, fast-forward or reverse from this unit.

MODE OFF : Control iPod from this unit.

While in ANDROID source, press **5** repeatedly.

BROWSE MODE : Control Android device from this unit via KENWOOD MUSIC PLAY application installed in the Android device.

HAND MODE : Control Android device using the Android device itself via other media player applications installed in the Android device. However, you can still play/pause and file skip from this unit.

Select music drive

While in USB source, press **5** repeatedly.

Stored songs in the following drive will be played back.

- Selected internal or external memory of a smartphone (Mass Storage Class).
- Selected drive of a multiple drives device.

Listen to TuneIn Radio/TuneIn Radio Pro/Aupee

While listening to TuneIn Radio, TuneIn Radio Pro or Aupee, connect the iPod/iPhone to the USB input terminal of the unit.

- The unit will output the sound from these applications.

Select a file from a folder/list

For iPod/ANDROID, applicable only when [MODE OFF]/[BROWSE MODE] is selected.

1 Press **Q/↵**.

2 Turn the volume knob to select a folder/list, then press the knob.

3 Turn the volume knob to select a file, then press the knob.

Quick Search (applicable only for USB and ANDROID source)

If you have many files, you can search through them quickly.

Turn the volume knob quickly to browse through the list quickly.

Skip Search (applicable only for iPod USB and ANDROID source)

Press **◀◀ / ▶▶** to search at a preset skip search ratio. (↗ 10, [SKIP SEARCH])

- Pressing and holding **◀◀ / ▶▶** searches at a 10% ratio.

Alphabet search (applicable only for iPod USB and ANDROID source)

You can search for a file according to the first character.

For iPod USB source

- 1** Turn the volume knob quickly to enter character search.
- 2** Turn the volume knob to select the character.
 - Select **"*"** to search for a character other than A to Z, 0 to 9.
- 3** Press **◀◀ / ▶▶** to move to the entry position.
 - You can enter up to 3 characters.
- 4** Press the volume knob to start searching.

For ANDROID source

- 1** Press **▲ / ▼** to enter character search.
- 2** Turn the volume knob to select the character.
 - ^A^**: Upper case letters (A to Z)
 - _A_**: Lower case letters (a to z)
 - 0-**: Numbers (0 to 9)
 - *****: Character other than A to Z, 0 to 9
- 3** Press the volume knob to start searching.

- To return to the root folder/first file/top menu, press **5**. (Not applicable for BT AUDIO source.)
- To return to the previous setting item, press **Q/↵**.
- To cancel, press and hold **Q/↵**.

USB/iPod/ANDROID

Direct Music Search (using the remote control)

- 1 Press **DIRECT**.
 - 2 Press the number buttons to enter a file number.
 - 3 Press **ENT ▶II** to search for music.
- To cancel, press **↶** or **DIRECT**.
 - Not available if Random Play is selected.
 - Not applicable for iPod USB and ANDROID source.

Settings to use KENWOOD Remote application

KENWOOD Remote application is designed to control the KENWOOD car receiver's operations from the iPhone/iPod (via USB input terminal).

Preparation:

Install the latest version of KENWOOD Remote application on your device before connecting. For more information, visit www.kenwood.com/cs/ce/.

You can make the settings in the same way as connection via Bluetooth.
(→ 20)

Other settings

- 1 Press the volume knob to enter [FUNCTION].
- 2 Turn the volume knob to select an item (see the following table), then press the knob.
- 3 Repeat step 2 until the desired item is selected or activated.
- 4 Press and hold **Q/↶** to exit.

To return to the previous setting item, press **Q/↶**.

Default: **XX**

USB	
MUSIC DRIVE	DRIVE CHANGE: The next drive ([DRIVE 1] to [DRIVE 4]) is selected automatically and playback starts. Repeat steps 1 to 3 to select the following drives.
SKIP SEARCH	0.5%/1%/5%/10%: While listening to iPod USB or ANDROID source, selects the skip search ratio over the total files.