KENWOOD

English

CAR ELECTRONICS

KENWOOD Music Play

Feature   **Compatibility**   FAQ

Android Music Playback via USB

- Our products added a new feature to support Android Open Accessory 2.0 (AOA 2.0).
- If you are using an Android device OS Version 4.1 to 7.x, you are now able to playback music files through our car receiver via USB.
- If installing "KENWOOD Music Play APP" in your Android phone, you will be able to browse your music file stored in your phone. (see KENWOOD Music Play)

KENWOOD Receiver Supported Models for Music playback with Android Device.

DDX23BT, DDX24BT,
DDX3016, DDX316, DDX316M, DDX3170, DDX317BT, DDX340BT, DDX373BT, DDX374BT, DDX393, DDX394,
DDX4016BT, DDX4016BTR, DDX4016DAB, DDX4017BT, DDX4017BTR, DDX4017DAB, DDX416BT, DDX416BTM, DDX417BT, DDX417BTM,
DDX517BT, DDX573BH, DDX574BH, DDX593, DDX594,
DDX6016, DDX6016BT, DDX6016BTM, DDX6016BTR, DDX6016W, DDX616WBT, DDX616WBTM, DDX6170, DDX6170BT,
DDX7017BT, DDX7017BTM, DDX7051BT, DDX717WBT, DDX717WBTM, DDX751WBTL, DDX773BH, DDX774BH, DDX793, DDX794,

DPX-3000U, DPX-5000BT, DPX-7000DAB, DPX-U5140, DPX-U5140BT, DPX-U520, DPX-U530, DPX-U720BT, DPX-U730BT,
DPX206U, DPX3002U, DPX301U, DPX302U, DPX306BT, DPX406DAB, DPX5002BT, DPX501BT, DPX502BT, DPX520BT, DPX530BT,
DPX592BT, DPX702BH, DPX791BH, DPX792BH,

KDC-100UA, KDC-100UB, KDC-100UBS, KDC-100UG, KDC-100UR, KDC-100UW, KDC-1010U, KDC-1020U, KDC-102U, KDC-102UR, KDC-10UR, KDC-110U, KDC-110UB, KDC-110UG, KDC-110UR, KDC-115U, KDC-11UR, KDC-121RY, KDC-122U, KDC-125U, KDC-131Y, KDC-138U, KDC-150RY, KDC-151RY, KDC-151UBM, KDC-152UM, KDC-161URM, KDC-162U, KDC-164UB, KDC-164UG, KDC-164UR, KDC-165U, KDC-168U, KDC-170Y, KDC-181UWM,
KDC-200UB, KDC-200UV, KDC-210UI, KDC-220U, KDC-230U, KDC-262U, KDC-264UB, KDC-265U, KDC-268U,
KDC-300UV, KDC-300UVM, KDC-364U,
KDC-BT21, KDC-BT265U, KDC-BT268U,
KDC-BT31, KDC-BT330U, KDC-BT35U, KDC-BT362U, KDC-BT365U, KDC-BT368U, KDC-BT39DAB,
KDC-BT420U, KDC-BT45U, KDC-BT49DAB,
KDC-BT500U, KDC-BT5062U, KDC-BT5065U, KDC-BT510U, KDC-BT562U, KDC-BT565U, KDC-BT568U,
KDC-BT600U, KDC-BT6062U, KDC-BT6065U, KDC-BT610U,
KDC-BT700DAB, KDC-BT710DAB, KDC-BT720HD, KDC-BT762HD, KDC-BT765HD, KDC-BT768HD,
KDC-DAB35U, KDC-DAB400U,
KDC-HD262U,
KDC-MP162U, KDC-MP165U, KDC-MP168U,
KDC-MP2062U, KDC-MP2065U, KDC-MP262U,
KDC-MP3062U, KDC-MP3065U, KDC-MP362BT, KDC-MP365BT, KDC-MP368BT,
KDC-U2063, KDC-U2163B, KDC-U2263R, KDC-U2363G, KDC-U263A, KDC-U263B, KDC-U263R, KDC-U363, KDC-U463, KDC-U563BT,
KDC-X300, KDC-X301, KDC-X399, KDC-X500, KDC-X5000BT, KDC-X501, KDC-X5100BT, KDC-X599, KDC-X700, KDC-X7000DAB, KDC-X701, KDC-X7100DAB, KDC-X799,

KMM-1015, KMM-101AY, KMM-101GY, KMM-101RY, KMM-102, KMM-102AY, KMM-102GY, KMM-102RY, KMM-103, KMM-103AY, KMM-103GY, KMM-103RY, KMM-112, KMM-115, KMM-118, KMM-121Y, KMM-122Y, KMM-123Y,
KMM-202, KMM-203, KMM-264, KMM-303BT, KMM-BT203,
KMM-BT3012U, KMM-BT3015U, KMM-BT302, KMM-BT303, KMM-BT312U, KMM-BT315, KMM-BT315U, KMM-BT318, KMM-BT318U, KMM-BT32U, KMM-BT35,
KMM-BT502DAB, KMM-BT515HD, KMM-BT518HD,
KMM-DAB403,
KMM-U11, KMM-U21, KMM-U51BT,

KMR-D362BT, KMR-D365BT, KMR-D368BT, KMR-D562BT, KMR-D765BT, KMR-D768BT, KMR-M312BT, KMR-M315BT, KMR-M318BT,
RDT-171, RDT-181, RDT-191,
U300, U300BT, U300MS, U300R, U310, U310BT, U310R, U320BT, U320L, U320W, U350BT, U360BT,
U400, U400BMS, U400BT, U410BT

Compatible on Android™ Device Models

Manufacture	Model	Android OS Version	Playback Music file		Remarks
			With Bluetooth Connected	**Without Bluetooth Connected**	
Samsung	Galaxy S5	5.0	✗	✗	-
Samsung	Galaxy S5	4.4.2	✓	✓	*1, *5, *10
Samsung	Galaxy S4	5.0.1	✗	✗	-
Samsung	Galaxy S4	4.4.2	✓	✓	*1
Samsung	Galaxy S4	4.3	✓	✓	*1
Samsung	Galaxy S3	4.3	✓	✓	*1
Samsung	Galaxy S2	4.1.2	✗	✗	*2, *9
Samsung	Galaxy Note 8.0	4.2.2	✓	✓	-
Samsung	Galaxy Note 2	4.3	✓	✓	-
Samsung	Galaxy Note 3	4.4.2	✓	✓	*1, *10
Samsung	Galaxy Note 3	4.3	✓	✓	*1, *10
Samsung	Galaxy Tab 2	4.2.2	✓	✓	*1
Google	Samsung Nexus	4.3	✓	✓	*1
Google	Samsung Nexus	4.2.1	✓	✓	*1
Google	Samsung Nexus S	4.1.2	✓	✓	*1, *7
Google	LG Nexus 5	5.1.1	✓	✓	*1
Google	Asus Nexus 7	4.4.2	✓	✓	*3
Sony	Xperia Z	4.4.2	✓	✓	*6, *8, *10
Sony	Xperia Z1	5.0.2	✓	✓	*6, *8, *10
Sony	Xperia Sp	4.3	✓	✓	*6, *8, *10
Sony	Xperia C	4.2.2	✓	✓	*6, *8, *10
Sony	Xperia A	4.2.2	✓	✓	*6, *8, *10
Sony	Xperia Z2 (L50T)	4.4.2	✓	✓	*6, *8, *10
Sony	Walkman NW-F886	4.1.1	N/A	✓	*3
HuaWei	Ascend Y511	4.2.2	✓	✓	*1
HuaWei	Ascend P7	4.4.2	✗	✗	*2
HuaWei	Ascend P6	4.2.2	✗	✗	*2
HuaWei	Ascend G6	4.3	✓	✓	*1
Xiao Mi	Redmi	4.2.2	✓	✓	*1
Xiao Mi	Redmi Note	4.2.2	✓	✓	*1
Xiao Mi	Mi 2	4.1.1	✗	✗	*2
Xiao Mi	Mi 1S	4.1.2	✗	✗	*2
Xiao Mi	Mi 1	4.1.2	✗	✗	*2
Motorola	Moto G	5.0.2	✓	✓	*1
HTC	HTC One (M8)	5.0.1	✓	✓	*1
HTC	HTC One	5.0.2	✗	✗	*4
HTC	HTC J One	4.2.2	✗	✗	*2
LG	G2	4.4.2	✓	✓	-
LG	LG isai	4.2.2	N/A	✓	*3
Fujitsu	Arrows X	4.4.2	✗	✗	*2
OPPO	N1	4.2.2	✗	✗	*2
Lenovo	Vibe X S960	4.2.2	✓	✓	-
VIVO	Vivo Y11	4.2.2	✓	✓	-
Acer	Liquid S2	4.2.2	✓	✓	-

at 8/JUNE/2015

✓ : Able to Playback
✗ : Unable to Playback
N/A : Not applicable Bluetooth function

*1 Initial ringtone distortion may occur on Android device during incoming call while playback at Android source with Bluetooth connected.

*2 This Android device does not support playback at Android source (AOA 2.0).

*3 Only checked for Play/ Pause/ Forward skip/Back skip.

*4 The sound output from Android device instead of KENWOOD receiver in Android source.

*5 Sometimes sound does not output from KENWOOD receiver in Android source (BROWSE MODE).

*6 Sometimes sound distortion occurs during initial playback of each song in Android Source (BROWSE MODE).

*7 The sound does not output from the phone speaker during call conversation while playback at Android source via USB without Bluetooth connected.

*8 Sometimes track playback hang in Android Source (BROWSE MODE).

*9 Android device will auto reboot when the Android device connects to KENWOOD receiver.

*10 Android device may auto reboot when unplug USB without pressing safely remove button on KENWOOD Music Play Apps at Android device.

* Depending on the OS or the firmware version of the smartphone, Bluetooth features may not work. Refer to the website or FAQ provided by the smartphone supplier for more information.

Technical Information

This Music file Playback feature is using Android Open Accessory 2.0 (AOA 2.0) technology.
Support:
- Android OS Version 4.1 to 7.x
- Some Android devices may not fully support AOA 2.0 even OS Version 4.1 to 7.x.

Main Features:
- Audio Over USB. (Digital Audio)
  - All the audio will be routed to USB Audio when an accessory is connected to the Android device.
  - Only 44.1kHz 16 bit PCM data format is supported by Android devices.
- Media Control communication channel
  - Media control command (such as Play/pause, next, previous etc..) can be sent from accessory to Android device.
  - Android device will start default media player app to handle the media control command.
  - It is the same behaviour as Bluetooth Audio media control.
- Custom communication channel between Android device and accessory

Android Open Accessory (AOA) is introduced by Google to allow accessories (such as audio dock or other music playback device) to communicate with Android devices via USB. Once an Android device is connected with an accessory, the Android device treats the accessory as a standard audio output device, hence all the audio will be routed to the accessory.

Global Site   English

Car Electronics Support Information   Android Music Playback via USB

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Application
KENWOOD Motorsports CAM
KENWOOD Motorsports CAM Viewer
KENWOOD Portal APP
Mirroring for KENWOOD
Mirroring OA for KENWOOD
Mirroring OB for KENWOOD
KENWOOD Remote S
KENWOOD Remote
KENWOOD DASH CAM MANAGER for model DRV-A301W/A501W/ A501WDP/A601W/A601WDP/ A700W/A700WDP
KENWOOD VIDEO PLAYER for model DRV-A100/A201/A301W/A501W/ A501WDP/A601W/A601WDP/ A700W/A700WDP
KENWOOD ROUTE WATCHER II for model DRV-320/330
KENWOOD DRIVE REVIEWER for model DRV-410/430/830/N520
KENWOOD DRIVE-VIEW PLAYER for model KCA-DR300

Compatibility
iPod and iPhone Compatibility List
About Audio File Specification & USB Device
Mirror Link Compatibility List
KENWOOD Advanced Navigation I/F Compatibility List

Firmware Updates
CD/USB receiver firmware updates
Navigation/Multimedia receiver firmware updates
Optional accessory
Navigation software updater on Garmin website
Manual
User's Manual Download