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# KENWOOD

## STUNNING HD, GO WIRELESS



Premium Mobile Entertainment Systems 2019



# 2019

## Multimedia Lineup

**DDX**  
– AV Receivers

# 9

Enhanced Wireless Connections with HD Display, Wireless Apple CarPlay & Wireless Mirroring for Android™



DDX 9019S  
DDX 919WS **200mm Wide**



# 7

The Most Advanced and Practical, True Mirroring via USB for both iPhone & Android

Compatibility with iPhone will be supported in summer 2019 with firmware update.



DDX 7019BT



DDX 719WBT **200mm Wide**

# 4

High-Grade Audio with “Beyond Bluetooth” Functionality



DDX 419BT

**DMX**  
– Smartphone Centric Receivers (Non DVD)



# 8

Apple CarPlay & Android Auto™



DMX 8019S



DMX 7019BT



DMX 719WBT **200mm Wide**

# 1

MPEG4 Playback up to 1920 x 1080p



DMX 1025BT

**DNX** **GARMIN**  
– AV Navigation Receivers



DNX 9190S

# 5



DNX 5180S





# 9 Series

DDX9019S / 919WS  
DNX9190S

## High Definition Display

Breathtakingly Beautiful

HD display delivers vivid colors with high-contrast and sharpness. Featuring an all-new electrostatic capacitive touch panel and HD LCD panel, with a high luminance white LED backlight.



### HD Display

1280 x 720p  
Screen Resolution

16.7 Million  
Wide Colors

170°  
Wide Viewing Angle

600cd/m<sup>2</sup>  
High Brightness

900 : 1  
High Contrast

### Protective Film

Anti-finger print  
Anti-reflection  
Anti-glare  
Anti-shatter

### Capacitive Touch Panel

## Sound adjustment features for your favorite tuning

Time Alignment



13-Band EQ

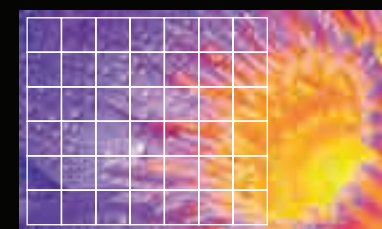


3-Way X'over Mode

High Voltage 5.0V 3 Preouts

## Overwhelming power of expression, 2.4 times compared to WVGA Display

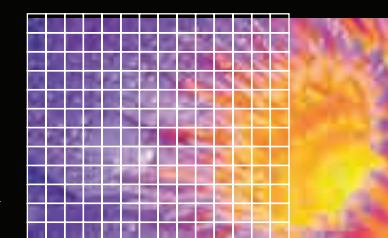
WVGA Display



800 x 480p

x 2.4

HD Display (9 Series)



1280 x 720p

## High-Resolution Audio

Capturing all the details, from your favorite artists' every breath, to the complex soundscape that surrounds them.



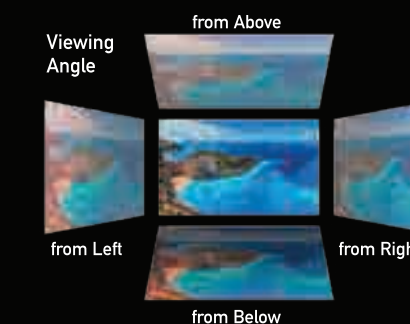
High-Resolution Audio is high-quality sound that far exceeds CD standards, and can play 192kHz / 32bit over sampling DSP. It captures and beautifully expresses details and nuances from the ultra-high to low frequencies.

## Playable High-Resolution Audio Files

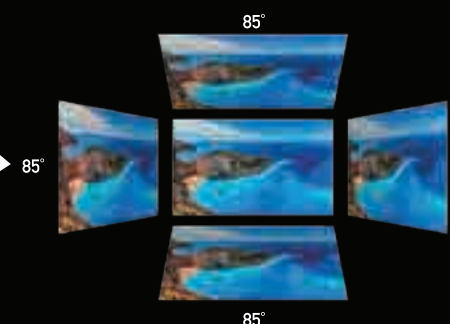
Audio Codec	Playable up to
FLAC	192kHz / 24bit
WAV	192kHz / 24bit

## Beautiful from any seat

TN System



AAS System (9 Series)



The 9 series adopted the AAS system in its LCD, and assures you a wider viewing angle of 170° for both horizontal and vertical direction. Together with the protective film which minimizes reflection and glare from sunlight, you can enjoy clear images even from the passenger seat or the back seats.

## Power your whole system with KENWOOD.

Complete your whole sound system with the X series amplifiers and speaker (KFC-XS1703), which are also designed for Hi-Res Audio. You can immerse yourself in a truly authentic listening experience of Hi-Res Audio.

See pages 18 to 19 for details.





# 9 Series

DDX9019S / 919WS  
DNX9190S



## Enhanced Wireless Connections



Access Maps, Phone, Music and Messages from your phone without connecting any cables.

### Wireless Apple CarPlay



Apple CarPlay gives iPhone users an intuitive way to make calls, use Maps, listen to music and access messages with just a word or a touch. Additionally, Google Maps™ and Waze™ support has been added with the latest iOS version (iOS 12.0 and higher).

Some features, applications and services are not available in every region. For details, see : [www.apple.com/ios/feature-availability/#applecarplay-applecarplay](http://www.apple.com/ios/feature-availability/#applecarplay-applecarplay)



### Wireless Mirroring for Android

Wireless Mirroring is a groundbreaking solution for seamlessly displaying and controlling your smartphone apps on a 9 series screen without cables or a network connection on selected Android devices.



android auto

### Android Auto via USB

Android Auto is a simpler way to use your Android phone in the car. You can enjoy features of your Android phone including Google Maps, Waze and more.

Some features, applications and services are not available in every region. For details, see: [www.android.com/auto](http://www.android.com/auto)



### Playable Full HD Video Files

Video Codec	Playable up to
MPEG4	1920 x 1080p
H.264	1920 x 1080p
MKV	1920 x 1080p
WMV	1920 x 1080p

USB sources are available on rear monitor via video output.

The powerful Dual USB provides max 1.5A quick charge for selected Android and 1.0A charge for iPhone.



### Music Mix – High Quality Audio Streaming x 5 devices

Up to 5 Bluetooth® devices can be paired to the head unit at the same time. You can enjoy audio streaming just by switching the devices among your friends.

### 2-Phone Hands Free Calling Ready

Automatically switch the paired 2 phones for incoming calls. Also includes better quality reception using the Wideband Speech Hands-free Profile ver.1.7.



### Spotify Full Control

Works over Bluetooth for Android and Bluetooth or USB cable for iPhone.



### HD 2D/3D AVM Linkage

Touch control with the High Definition Around View Monitoring System made by Whetron, a Taiwanese manufacturer. The 7 view modes including the bird's-eye view assist drivers to park without any stress even in a narrow space.



HDMI™

HD 1280x720



Whetron was established in 1982 with a vision to become the leading supplier of automobile electronic parts for major car manufacturers around the world.

WHETRON  
HD AVM is made by Whetron.

## Advanced Camera Solutions

All for your comfort and safety



### Dash Camera Linkage with DRV-N520

The dash camera DRV-N520 can be controlled from the DNX/DDX screen. 3 megapixel video recording is available in a compact windshield mount. Simplified ADAS, Advanced Driver Assistance System can be activated.

See page 13 for more details.



Lane Departure Warning



Forward Collision Warning



Compact Design

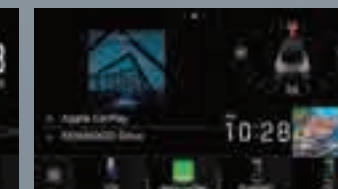
### 3 Camera Inputs

In addition to a rear camera and a front camera (or a dash camera), a blind view (side) camera can be connected. It supports rear camera parking guide lines.



### Customizable Multi-Widget Home Screen

You can select 4 kinds of widgets from clock, album art of currently playing song, photos, audio visualizer, compass, turn-by-turn navigation (DNX9190S only), etc., place them in the specified spaces, and make your original home screens for up to 3 widgets.



### Direct OEM Steering Remote Interface

See page 14.



### RGB Navigation Interface

DDX9019S / 919WS have a RGB interface for 3rd party navigation unit.



8

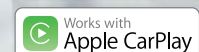


Smartphone Centric  
(Non DVD)

**DMX8019S**

7.0 inch WVGA Clear-coated Resistive Display AV Receiver

## The Ultimate Smartphone Integration



Apple CarPlay via USB



androidauto

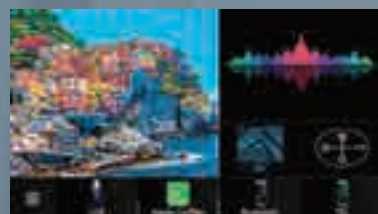
Android Auto via USB

### DMX8019S. Exclusive Features



#### 2D/3D Around View Monitoring Ready

Connected with the optional AVM system, various viewing modes are available on a large touchscreen of DMX8019S. The bird's-eye view assists you while parking without any stress even in narrow spaces.



#### Customizable Multi-Widget Home Screen

You can select 4 kinds of widgets from clock, album art of currently playing song, photos, audio visualizer, compass, etc., place them in the specified spaces, and make your original home screens up to 3 widgets.

5

### Guidance by **GARMIN**

With the industry leading Garmin navigation software, offering a variety of display options to make your driving easy such as Photo Real Junction View and Lane Assist.



**DNX5180S**

6.8 inch WVGA Clear-coated Resistive Display AV Navigation

### DMX8019S & DNX5180S. Common Key Features



#### High-Resolution Audio Playback

192kHz / 32bit over Sampling DSP.

Time Alignment	13-Band EQ	3-Way X'over Mode
High Voltage 4.0V 3 Preouts		



#### Playable Full HD Video

Video Codec	Playable up to	Audio Codec	Playable up to
MPEG4	1920 x 1080p	FLAC	192kHz / 24bit
H.264	1920 x 1080p	WAV	192kHz / 24bit
MKV	1920 x 1080p	DSD (DNX5180S only)	11.2 MHz / 1bit
WMV	1920 x 1080p		

USB sources are available on rear monitor via video output.  
The powerful Dual USB provides max 1.5A quick charge for selected Android and 1.0A charge for iPhone.



#### Spotify Full Control

#### Multi Camera Inputs

3 : DMX8019S

2 : DNX5180S



#### 2-Phone Hands Free Calling Ready



#### Dash Camera Linkage with DRV-N520

Full HD PLUS  
2304 x 1296



#### Direct OEM Steering Remote Interface

See page 14.

## Lineup Comparison

	DDX9019S	DDX919WS	DNX9190S	DMX8019S	DNX5180S
Built-in Garmin Navigation	—	—	Yes	—	Yes
DVD / CD Player	Yes	Yes	Yes	—	Yes
Display	Size / Number of Pixels 6.8" / 1280 x 720 Display Type Capacitive	6.8" / 1280 x 720 Capacitive	6.8" / 1280 x 720 Capacitive	7.0" / 800 x 480 Clear-coated Resistive	6.8" / 800 x 480 Clear-coated Resistive
Smartphone Integration	Built-in Wi-Fi	Yes	Yes	—	—
	Apple CarPlay	via Wi-Fi & via USB	via Wi-Fi & via USB	via USB	via USB
	Android Auto	via USB	via USB	via USB	via USB
	Smartphone Mirroring	via Wi-Fi (for Android)	via Wi-Fi (for Android)	via Wi-Fi (for Android)	—
	Bluetooth Hands Free	2-Phone Hands Free	2-Phone Hands Free	2-Phone Hands Free	2-Phone Hands Free
	Bluetooth Audio Streaming	Music Mix (x 5 devices)	Music Mix (x 5 devices)	Music Mix (x 5 devices)	Yes
	KENWOOD Remote App	—	—	—	—
	Spotify Control	Yes	Yes	Yes	Yes
	Hands Free Microphone	External Microphone	External Microphone	External Microphone	External Microphone
USB Interface	USB Terminal	x 2	x 2	x 2	x 2
	Video Decoder	MPEG1, 2, 4 / H.264 / MKV / WMV	MPEG1, 2, 4 / H.264 / MKV / WMV	MPEG1, 2, 4 / H.264 / MKV / WMV	MPEG1, 2, 4 / H.264 / MKV / WMV
	Audio Decoder	FLAC / MP3 / WMA / AAC / WAV	FLAC / MP3 / WMA / AAC / WAV	FLAC / MP3 / WMA / AAC / WAV	FLAC / DSD / MP3 / WMA / AAC / WAV
Audio	High-Resolution Audio	Yes	Yes	Yes	Yes
	Equalizer / Time Alignment / 3-Way X'Over	13-Band / Yes / Yes	13-Band / Yes / Yes	13-Band / Yes / Yes	13-Band / Yes / Yes
	Preout	5.0V / 3 Preouts	5.0V / 3 Preouts	5.0V / 3 Preouts	4.0V / 3 Preouts
Peripheral Connectivity	2D / 3D AVM Linkage	Yes (Whetron)	Yes (Whetron)	Yes (Whetron)	—
	HDMI Input	Yes	Yes	Yes	—
	Dashcam Linkage	Yes (DRV-N520)	Yes (DRV-N520)	Yes (DRV-N520)	Yes (DRV-N520)
	Camera Input / AV Input / Video Output	x 3 / x 1 / x 1	x 3 / x 1 / x 1	x 3 / x 1 / x 1	x 2 / x 1 / x 1
	Direct OEM Steering Remote Control	Yes	Yes	Yes	Yes
	Navigation RGB Input	Yes*	Yes*	—	—

\* Not available in Indonesia



# 7 Series

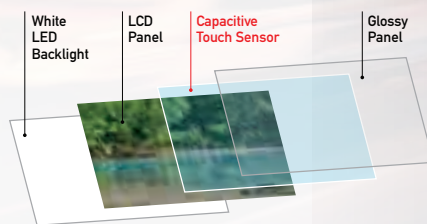
DDX7019BT / 719WBT  
DMX7019BT / 719WBT



**DDX 719WBT** 200mm Wide  
7.0 inch WVGA Capacitive Display AV Receiver

## Capacitive Display

DDX719WBT / DMX719WBT are equipped with 7.0 inch WVGA 800 x 480 pixels Capacitive Touch Panel. Full-flat clear glass display with swipe functionality.



## Playable Full HD Video Files

Video Codec	Playable up to	Audio Codec	Playable up to
MPEG4	1920 x 1080p	FLAC	96kHz / 24bit
H.264	1920 x 1080p	WAV	96kHz / 24bit
MKV	1920 x 1080p		
WMV	640 x 480p		

USB sources are available on rear monitor via video output.  
DMX are equipped with Dual USB, and DDX with a single USB. The powerful USB provides max 1.5A quick charge for selected Android and 1.0A charge for iPhone.



## True Mirroring via USB, 2-Way Touch Control for both iPhone & Android

True Mirroring allows you to display and control your smartphone on a 7 series large display with impressive sound quality. Before starting True Mirroring, on your smartphone and connect it to the 7 series head unit via Bluetooth as

Compatibility with iPhone will be Supported in summer 2019 with firmware update.



*Smartphone Centric (Non DVD)*  
**DMX 719WBT** 200mm Wide  
7.0 inch WVGA Capacitive Display AV Receiver



screen via USB. You can enjoy your favorite apps on a just install the free app "Mirroring for KENWOOD" well as a USB cable.



## 2D/3D Around View Monitoring Ready

Connected with the optional AVM system, various viewing modes are available on a large touchscreen of the 7 series. The bird's-eye view assists you while parking without any stress even in narrow spaces.



**DDX 7019BT**  
7.0 inch WVGA Clear-coated Resistive Display  
AV Receiver



*Smartphone Centric (Non DVD)*  
**DMX 7019BT**  
7.0 inch WVGA Clear-coated Resistive Display AV Receiver

## Clear-coated Resistive Display

DDX7019BT / DMX7019BT are equipped with 7.0 inch WVGA 800 x 480 pixels Clear-coated Resistive Display.

## Sound Adjustment Features

To meet your high expectations.



## Spotify Full Control

Works over Bluetooth for Android and Bluetooth or USB cable for iPhone



## Music Mix – High Quality Audio Streaming x 5 devices

Up to 5 Bluetooth devices can be paired to the head unit at the same time. You can enjoy audio streaming just by switching the devices among your friends.

## 2-Phone Hands Free Calling Ready

Automatically switch the paired 2 phones for incoming calls. Also includes better quality reception using the Wideband Speech Hands-free Profile ver.1.6.

## Versatile Connectivity



**Dual Camera Inputs**  
with parking guide lines



**Direct OEM Steering Remote Interface**  
See page 14.



**RGB Navigation Interface**  
for 3rd party navigation unit





## DDX419BT

6.2 inch WVGA Clear-coated Resistive Display AV Receiver



### High Contrast Display

Viewing Angle Adjustment allows you to virtually adjust the viewing angle in 5 steps to make the screen easier to see.

## High-Grade Audio with "Beyond Bluetooth" Functionality



### Digital Time Alignment

Virtually adjusts your listening position to the center of the car.

### 13-Band Equalizer

In addition to 7 preset modes, you can adjust the level of each frequency band and creates an original equalizer curve to match the in-car environment or your specific preference.

### Bass Boost

Reproduces deep bass sound. Adjustable in 5 steps.

### Drive Equalizer

Reduces the driving noise by raising specific frequencies.

### High Voltage 4.0V 3 Preouts

Ready to expand your audio system. Use KENWOOD's amplifiers and speakers together to experience the core value of the brand.

### KENWOOD Remote App Compatible

Download the free app "KENWOOD Remote". You can change AV sources or adjust audio settings like Time Alignment or 13-Band EQ from your smartphone.



### Spotify Full Control

Works over Bluetooth for Android and Bluetooth or USB cable for iPhone.



### Playable USB Files

Video Codec	Playable up to	Audio Codec	Playable up to
MPEG1	720 x 576p	FLAC	96kHz / 24bit
MPEG2	720 x 576p	WAV	44.1kHz / 24bit
DivX®	720 x 576p		

USB sources are available on rear monitor via video output. The powerful USB provides max 1.5A quick charge for selected Android and 1.0A charge for iPhone.



### Music Mix – High Quality Audio Streaming x 5 devices

Up to 5 Bluetooth devices can be paired to the head unit at the same time. You can enjoy audio streaming just by switching the devices among your friends.

### 2-Phone Hands Free Calling Ready

Automatically switch the paired 2 phones for incoming calls. Also includes better quality reception using the Wideband Speech Hands-free Profile ver.1.6.

### Versatile Connectivity



**Dual Camera Inputs**  
with parking guide lines



**Direct OEM Steering  
Remote Interface**

See page 14.



**RGB Navigation  
Interface**  
for 3rd party navigation unit

## Driving Assist Dash Camera & Rear / Front Camera



### DRV-N520

Dash Camera with Simplified ADAS Function



### Touch Control

Recorded videos can be displayed and operated from a large touchscreen of compatible KENWOOD Multimedia receivers.



Recording & Photo Shooting



Playback Control

### 3 Megapixel Recording

It provides higher resolution than Full HD (1920 x 1080p), and is capable of capturing a clear image of a license plate.



### DRV-330

Stand-alone Dash Camera with 2.0 inch LCD Display



### WDR Technology

Easily record clear images in dark or well lit environments without underexposing or overexposing the image.



without WDR



with WDR



### CMOS-320

Multi-view Camera with 1/3.6 inch Color CMOS Sensor



### Display View Switching

CMOS-320 can display 4 kinds of camera images thanks to its wide-angle lens and advanced image processor.

Dash Camera	DRV-N520	DRV-410	DRV-330
Screen Size	—	1.5" Full-color TFT	2.0" Full-color TFT
Number of Pixels	3M (2304 x 1296)	3M (2304 x 1296)	2M (1920 x 1080)
HDR Record Enhancement	Yes	Yes	Yes (WDR)
Viewing Angle (Horizontal / Vertical)	117 / 63 degrees	117 / 63 degrees	100 / 52 degrees
Built-in G-Sensor / GPS Receiver	Yes / Yes	Yes / Yes	Yes / Yes
4 Types Recording Mode*	Yes	Yes	Yes
Simplified ADAS*	Yes	Yes	—
Dimensions (W x H x D) (Main Unit)	79 x 22 x 48mm	77 x 56 x 35mm	61 x 54 x 32mm

\* 4 Types of Recording Modes: Continuous Recording / Manual Recording / Event Recording / Parked Recording  
\* Simplified ADAS (Advanced Driver Assistance System): Lane Departure Warning / Forward Collision Warning

Rear / Front Camera	CMOS-320	CMOS-230	CMOS-130
Image Sensor	1/3.6 inch Color CMOS	1/3.6 inch Color CMOS	1/4 inch Color CMOS
Number of Pixels	330,000 pixels	330,000 pixels	380,000 pixels
Viewing Angle (Horizontal / Vertical)	195 / 145 degrees	128 / 103 degrees	129 / 104 degrees
Viewing Mode	Wide / Ultra Wide / Overhead / Corner	—	—
Dimensions (W x H x D) (Main Unit)	23.4 x 23.4 x 26.1mm	23.4 x 23.4 x 23.9mm	23.4 x 23.4 x 23.9mm
Weight (without cable)	23g	21g	21g





## Playback of MPEG4 up to 1920 x 1080p

Video Codec	Playable up to	Audio Codec	Playable up to
MPEG4	1920 x 1080p	FLAC	192kHz / 24bit
H.264	1920 x 1080p	WAV	192kHz / 24bit
MKV	1920 x 1080p		

USB sources are available on rear monitor via video output.

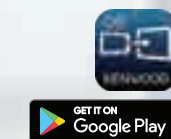
## 13-Band Equalizer & Time Alignment

Adjust the equalizer curve and your listening position to match the in-car environment or your specific preference.

## Mirroring for Android via USB

It allows you to display and control your Android smartphone on the screen of the head unit. You can enjoy your favorite apps on a large display and with impressive sound quality.

Before starting, just install the free app "Mirroring OB for KENWOOD" on your smartphone and connect it to DMX1025BT via a USB cable and Bluetooth.



## Dash Camera Linkage

DMX1025BT can be connected with the optional dashcam with 2 (front / rear) cameras. Recorded videos can be displayed and operated from the large touchscreen of the head unit.



## 6.8 inch Capacitive Display

Clear glass display with swipe functionality

## Short Chassis Design

Only 75mm of depth for more flexible installation



## Direct OEM Steering Remote Interface

See below.



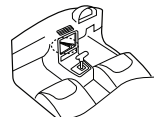
## Direct OEM Steering Remote Control

### Connector Information for Japanese and Korean Vehicles

TOYOTA (20P)	TOYOTA (28P)	TOYOTA (26P)	TOYOTA (10P+6P)	HONDA (20P-A)	HONDA (20P-B)	HONDA (24P-A)	HONDA (24P-B)	NISSAN (16P-A)	NISSAN (20P)
Input 1 : Green Input 2 : Purple ST REMOTE GND : Gray	Input 1 : Green Input 2 : Purple ST REMOTE GND : Gray	Input 1 : Green Input 2 : Purple ST REMOTE GND : Gray	Input 1 : Green Input 2 : Purple ST REMOTE GND : Gray	Input 1 : Green Input 2 : NC ST REMOTE GND : Gray	Input 1 : Green Input 2 : NC ST REMOTE GND : Gray	Input 1 : Green Input 2 : NC ST REMOTE GND : Gray	Input 1 : Green Input 2 : Purple ST REMOTE GND : Gray	Input 1 : Green Input 2 : Purple ST REMOTE GND : Gray	Input 1 : Green Input 2 : Purple ST REMOTE GND : Gray
NISSAN (16P-B)	MITSUBISHI (20P)	MAZDA (24P)	SUBARU (20P)	SUBARU (8P)	SUZUKI (20P)	ISUZU (16P)	HYUNDAI / KIA (24P-A)	HYUNDAI / KIA (24P-B)	
Input 1 : Green Input 2 : Purple ST REMOTE GND : Gray	Input 1 : Green Input 2 : NC ST REMOTE GND : Gray	Input 1 : Green Input 2 : NC ST REMOTE GND : Gray	Input 1 : Green Input 2 : NC ST REMOTE GND : Gray	Input 1 : Green Input 2 : NC ST REMOTE GND : Gray	Input 1 : Green Input 2 : Purple ST REMOTE GND : Gray	Input 1 : Green Input 2 : NC ST REMOTE GND : Gray	Input 1 : Green Input 2 : NC ST REMOTE GND : Gray	Input 1 : Green Input 2 : NC ST REMOTE GND : Gray	

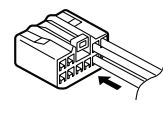
### Location of Steering Remote Connector

If the vehicle is equipped with an OEM steering remote control, the steering remote connector is commonly located in the console.



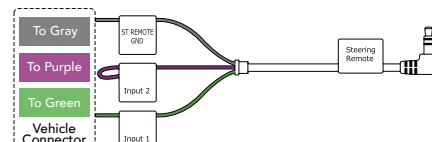
### How to view Steering Remote Connector

All steering wheel remote controls above are vehicle side connectors and drawn from the side. (view indicated by arrow)



### Steering Remote Cable (included in the unit)

- 1) Look for a steering remote connector that is the same shape as in the image above in the console.
- 2) Connect "Input 1", "Input 2" and "ST REMOTE GND" to the pins shown in matching colors on the above list of connectors.



Visit OEM Steering Remote Control

## Lineup Comparison

		DDX7019BT	DDX719WBT	DMX7019BT	DMX719WBT	DDX419BT	DMX1025BT
Built-in Garmin Navigation		—	—	—	—	—	—
DVD / CD Player		Yes	Yes	—	—	Yes	—
Display	Size / Number of Pixels	7.0" / 800 x 480	7.0" / 800 x 480	7.0" / 800 x 480	7.0" / 800 x 480	6.2" / 800 x 480	6.8" / 800 x 480
	Display Type	Clear-coated Resistive	Capacitive	Clear-coated Resistive	Capacitive	Clear-coated Resistive	Capacitive
Smartphone Integration	Built-in Wi-Fi	—	—	—	—	—	—
	Apple CarPlay	—	—	—	—	—	—
	Android Auto	—	—	—	—	—	—
	Smartphone Mirroring	via USB* 1	via USB* 1	via USB* 1	via USB* 1	—	via USB (for Android)
	Bluetooth Hands Free	2-Phone Hands Free	2-Phone Hands Free	2-Phone Hands Free	2-Phone Hands Free	2-Phone Hands Free	Yes
	Bluetooth Audio Streaming	Music Mix (x 5 devices)	Music Mix (x 5 devices)	Music Mix (x 5 devices)	Music Mix (x 5 devices)	Music Mix (x 5 devices)	Yes
	KENWOOD Remote App	—	—	—	—	Yes	—
	Spotify Control	Yes	Yes	Yes	Yes	Yes	—
USB Interface	Hands Free Microphone	Built-in	External Microphone	Built-in	External Microphone	Built-in	External Microphone
	USB Terminal	x 1	x 1	x 2	x 2	x 1	x 1
	Video Decoder	MPEG1, 2, 4 / H.264 / MKV / WMV	MPEG1, 2, 4 / H.264 / MKV / WMV	MPEG1, 2, 4 / H.264 / MKV / WMV	MPEG1, 2, 4 / H.264 / MKV / WMV	MPEG1, 2 / DivX ®	MPEG1, 2, 4 / H.264 / MKV
Audio	Audio Decoder	FLAC / MP3 / WMA / AAC / WAV	FLAC / MP3 / WMA / AAC / WAV	FLAC / MP3 / WMA / AAC / WAV	FLAC / MP3 / WMA / AAC / WAV	FLAC / MP3 / WMA / AAC / WAV	FLAC / MP3 / WMA / AAC / WAV
	High-Resolution Audio	—	—	—	—	—	—
	Equalizer / Time Alignment / 3-Way X'Over	13-Band / Yes / Yes	13-Band / Yes / Yes	13-Band / Yes / Yes	13-Band / Yes / Yes	13-Band / Yes / —	13-Band / Yes / —
Peripheral Connectivity	Preout	4.0V / 3 Preouts	4.0V / 3 Preouts	4.0V / 3 Preouts	4.0V / 3 Preouts	4.0V / 3 Preouts	2.0V / 2 Preouts & Subwoofer Out
	2D / 3D AVM Linkage	Yes	Yes	Yes	Yes	—	—
	HDMI Input	—	—	—	—	—	—
	Dashcam Linkage	—	—	—	—	—	Yes
	Camera Input / AV Input / Video Output	x 2 / x 1 / x 1	x 2 / x 1 / x 1	x 2 / x 1 / x 1	x 2 / x 1 / x 1	x 2 / x 1 / x 1	x 1 / x 1 / x 1
Peripheral Connectivity	Direct OEM Steering Remote Control	Yes	Yes	Yes	Yes	Yes	Yes
	Navigation RGB Input	Yes* 2	Yes* 2	Yes* 2	Yes* 2	Yes* 2	—

\*1 Compatible to both iPhone and Android. iPhone support will be added in summer 2019 with firmware update.

\*2 Not available in Indonesia



Signature panel design & “Beyond Bluetooth” functionality

Bluetooth Audio



Direct Bluetooth Control

- Hands Free Key: Answering and making a call
- Audio Streaming Key: Entering Bluetooth Audio Source



USB Receiver  
**KMM- BT305**  
4.0V/3 Preouts  
Made for iPhone | iPod

**Spotify Full Control**  
Works over Bluetooth for Android and Bluetooth or USB cable for iPhone.

**Sound Adjustment Features**  
To meet your high expectations.

Time Alignment

13-Band EQ

3-Way X'over Mode

High Voltage 4.0V 3 Preouts (KDC-BT630U / KMM-BT305 / DPX-5100BT)

Playable USB Files	
Audio Codec	Playable up to
FLAC	96kHz / 24bit
WAV	44.1kHz / 16bit
AAC	96kHz / 320kbps
MP3	48kHz / 320kbps
WMA	48kHz / 192kbps



USB / CD Receiver  
**DPX- 5100BT**  
4.0V/3Preouts  
Made for iPhone | iPod  
• Direct OEM Steering Remote Control  
• 200mm Trim Plate included

USB / CD Receiver  
**KDC- BT630U**  
4.0V/3 Preouts  
Made for iPhone | iPod

**KENWOOD Remote App Compatible**  
Install the free app “KENWOOD Remote”. You can change audio sources or adjust audio settings like Time Alignment or 13-Band EQ from your smartphone.  
(KMM-BT205: Compatible to Android only)

Download on the App Store

GET IT ON Google Play

Music Mix — High Quality Audio Streaming x 5 devices

Up to 5 Bluetooth devices can be paired to the head unit at the same time. You can enjoy audio streaming just by switching the devices among your friends.

**2-Phone Hands Free Calling Ready**  
Automatically switch the paired 2 phones for incoming calls.

Lineup Comparison

	KDC- BT630U	KDC-BT530U	DPX- 5100BT	DPX- M3100BT	KMM- BT305
CD Player	Yes	Yes	Yes	—	—
Key Illumination / LCD - LED Backlight					
Built-in Bluetooth		2-Phone Hands Free / Music Mix (x5 devices) /		KENWOOD Remote App*	
Spotify Control	Yes	Yes	Yes	Yes	Yes
USB Terminal	x 1	x 1	x 1	x 1	x 1
Audio Decoder	FLAC / WAV / AAC / MP3 / WMA	FLAC / WAV / AAC / MP3 / WMA	FLAC / WAV / AAC / MP3 / WMA	FLAC / WAV / AAC / MP3 / WMA	FLAC / WAV / AAC / MP3 / WMA
EQ / Time Alignment / 3-Way X'Over	13-Band / Yes / Yes	13-Band / Yes / Yes	13-Band / Yes / Yes	13-Band / Yes / Yes	13-Band / Yes / Yes
Audio Preout	4.0V / 3 Preouts	2.5V / 1 Preout	4.0V / 3 Preouts	2.5V / 2 Preouts	4.0V / 3 Preouts
Direct OEM Steering Remote Control	—	—	Yes	—	—
Remote Control	Included	Optional	Included	—	Included

\* KMM-BT205: Compatible to Android only

Vision Clarity & Direct Simplicity

Entry-class USB Audio



USB / CD Receiver  
**KDC- BT530U**  
2.5V/1 Preouts  
Made for iPhone | iPod



USB / CD Receiver  
**KDC- 230UI**  
2.5V/2 Preouts  
Made for iPhone | iPod



USB / CD Receiver  
**KDC- 130U**  
2.5V/2 Preouts

Direct Control

Audio Control Key:  
Access to sound tuning menu



Color Setting Key:  
Easy to change illumination color

Audio Control Key



EQ Setting Key:  
Select from 8 EQ presets including DRIVE EQ

Playable USB Files	
Audio Codec	Playable up to
FLAC	48kHz / 16bit
WAV	44.1kHz / 16bit
MP3	48kHz / 320kbps
WMA	48kHz / 192kbps

	KDC- 230UI	KDC- 130U
CD Player	Yes	Yes
Key Illumination / LCD - LED Backlight		
USB Terminal	x 1	x 1
Audio Decoder	FLAC / WAV / MP3 / WMA	FLAC / WAV / MP3 / WMA
EQ / Time Alignment / 3-Way X'Over	3-Band / — / —	3-Band / — / —
Audio Preout	2.5V / 2 Preouts	2.5V / 2 Preouts
Remote Control	Included	Included



# X Series Flagship, Audiophile Grade.

X series ultra-high grade amplifiers and speakers that deliver high density realistic sound and a spatial sound impression. The amplifiers and the 17cm component speaker KFC-XS1703 are precisely designed for High-Resolution Audio.

Presence,  
High-Resolution  
Audio



Max 1800W

XH901-5

Hi-Res Audio Certified,  
Compact D-Class 5ch Amplifier



- Wired Remote Control
- Speaker Level Input with Signal Sensing Turn-on for easy installation



High-density Construction with Cooling Fan to achieve the best sound and one of the smallest footprints in the class.

Max 1600W

x802-5

Hi-Res Audio Certified,  
Compact D-Class 5ch Amplifier



KCA-RC01A  
Optional Wired Remote Control

- One-side Terminals for easy installation
- Speaker Level Input with Signal Sensing Turn-on allows you to upgrade sound quality without modifying the factory-installed audio system.

Output Coil with Magnetic Shield for subwoofer prevents magnetic flux from radiating from the coil and reduces noise resulting in high quality sound.

Amplifier	XH901-5	XH401-4	X802-5	X302-4	X502-1
Maximum Output Power	1800W	800W	1600W	600W	1000W
RMS Power at 4 Ω	60W x 4ch + 400W	75W x 4ch	50W x 4ch + 300W	50W x 4ch	300W
RMS Power at 2 Ω	75W x 4ch + 600W	100W x 4ch	75W x 4ch + 500W	75W x 4ch	500W
Bridged at 4 Ω	—	200W x 2ch	150W x 2ch + 300W	150W x 2ch	—
Frequency Response	20Hz - 50kHz	20Hz - 50kHz	20Hz - 50kHz	20Hz - 50kHz	20Hz - 200Hz
Signal to Noise Ratio	100dB	100dB	100dB	100dB	100dB
Low Pass Filter	50Hz - 200Hz, -24dB/oct	50Hz - 200Hz, -12dB/oct (Low Range) 2.5kHz - 10kHz, -12dB/oct (High Range)	50Hz - 200Hz, -24dB/oct.	50Hz - 200Hz, -12dB/oct.	50Hz - 200Hz, -24dB/oct.
High Pass Filter	50Hz - 200Hz, -12dB/oct	50Hz - 200Hz, -12dB/oct (Low Range) 2.5kHz - 10kHz, -12dB/oct (High Range)	50Hz - 200Hz, -12dB/oct.	50Hz - 200Hz, -12dB/oct.	—
Bass Boost	40Hz, 0~+18dB (SUB)	—	40Hz, 0~+18dB (SUB)	40Hz, 0~+18dB (Bch)	40Hz, 0~+18dB
Speaker Level Input	Yes	Yes	Yes	Yes	Yes
Cooling Fan	Yes	—	—	—	—
Dimensions (W x D x H)	260 x 169 x 51mm	220 x 169 x 35mm	248 x 169 x 53mm	213 x 149 x 53mm	213 x 149 x 53mm

## sound that reaches out and speaks to you

Faithfully reproducing the finely carved details from a Hi-Res Audio source, down to every last grain of sound. Portraying a rich sound that delivers a subtle ambience overflowing with presence and with no hint of muddiness, we have realized a mellow treble, vocals that convey every inflection of the original, and a full and incisive bass.

18cm advanced  
hybrid pulp cone

Multi-use Bracket

High Quality, compact  
size, crossover Network

330W Peak

XR-1800P

Oversized 180mm, 2-Way,  
Component Speaker Set

30mm dome tweeter

- Rigid Carbon-Glass Fiber Honeycomb Cone
- Aluminum Die-cast Basket

- Silver-plated Push Terminal

Peak 1000W

KFC- WPS1000F

25cm Shallow Subwoofer



Stress-free Spider delivers smooth and strong bass sound with long-lasting reliability.

Large Magnet and Optimized Yoke reproduces deep low frequencies.

Speaker	XR-1800P	KFC- X174
Size & System	18cm 2-Way	17cm 2-Way
Peak Input Power	330W	240W
RMS Input Power	110W	80W
Impedance	4Ω	4Ω
Sensitivity (dB at 1m)	86dB	88dB
Frequency Response	57Hz - 20kHz	69Hz - 21kHz
Woofer Magnet	Ferrite	Ferrite
Tweeter	Diaphragm	Soft Dome
	Magnet	Neodymium
Mounting Depth	62mm	56mm

Subwoofer	KFC- WPS1200F	KFC- WPS1000F
Size	30cm Shallow Type	25cm Shallow Type
Peak Input Power	1400W	1000W
RMS Input Power	350W	250W
Impedance	4Ω	4Ω
Sensitivity (dB at 1m)	91dB	90dB
Frequency Response	30Hz - 700Hz	35Hz - 800Hz
Woofer	Diaphragm	Carbon-Glass Fiber Honeycomb Cone
	Magnet	Ferrite
Mounting Depth	100mm	85mm



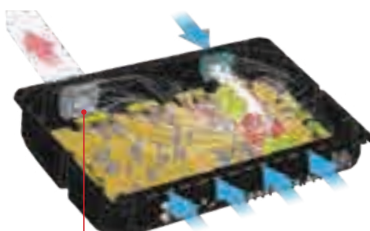
# PS Series Pure Performance.

PS series amplifiers and speakers integrate pure performance and excellence, continuing to uphold KENWOOD's philosophy of delivering super-live sound experience.



Max 1000W  
KAC- PS704EX  
AB-Class 4ch Amplifier

- Secondary Capacitor 9900uF
- 45mm Large Toroidal Transformer
- Primary Capacitor 6600uF reduces ripple voltage and electrical loss to ensure ultra-solid performance.



Cooling Fan and increased weight of aluminum die cast ensure durability.

- One-side Terminals
- Speaker Level Input with Signal Sensing Turn-on to upgrade sound quality without modifying the factory-installed head unit.

Amplifier	KAC- PS704EX	KAC- PS917D	KAC- HQR9500
Maximum Output Power	1000W	2000W	1200W
RMS Power at 4 Ω	70W x 4ch	500W	40W x 4ch + 300W
RMS Power at 2 Ω	100W x 4ch	1000W	50W x 2ch + 500W
Bridged at 4 Ω	200W x 2ch	—	100W x 4ch
Frequency Response	20Hz - 50kHz	20Hz - 200Hz	5Hz - 200Hz
Signal to Noise Ratio	100dB	100dB	100dB
Low Pass Filter	50Hz - 200Hz, -24dB/oct.	50Hz - 200Hz, -24dB/oct.	50Hz - 200Hz, -24dB/oct
High Pass Filter	80Hz, -12dB/oct.	—	50Hz - 200Hz, -12dB/oct
Bass Boost	—	40Hz, 0~+18dB	—
Speaker Level Input	Yes	Yes	No
Cooling Fan	Yes	—	—
Dimensions (W x D x H)	335 x 204 x 56mm	335 x 192 x 56mm	324 x 187 x 55

KAC-PS917D  
ClassD Mono Amplifier



2000W  
Maximum Output Power



Peak 400W  
KFC- PS170C  
17cm Component Speaker

25mm Soft Dome Tweeter with swivel application

Audiophile-grade External Network Box  
Premium film capacitor as well as aluminum electrolytic capacitor are adopted to create powerful, clear mid-high sound.

Convex Shape PP Carbon Cap  
enhances mid-range performance, and creates solider bass sound by avoiding deformation of diaphragm.

17cm Wide Etched PP Woofer Cone  
creates solid bass sound by avoiding deformation of diaphragm.



Peak 320W RMS 100W  
KFC- PS1696  
16cm 2-Way Speaker

Factory Location Fit

The tweeter height is designed as low as possible, and the speaker units can fit within most of the spaces for factory speakers.

9 mm

(KFC-PS1696)

Sound Field Enhancer  
The unique shape of tweeter creates strong frontward sound as well as a wider sound field in 5kHz and upper frequencies.

Diamond Array Pattern Woofer Cone  
enhances sound and reduces distortion.

New Shape of Woofer Damper  
minimizes mechanical stress and makes the sound response smoother.

Black-painted Woofer Yoke Plate  
efficiently releases heat inside the magnetic circuit and prevents the temperature of the voice coil from rising, resulting in improved durability.

Speaker		KFC- PS170C	KFC- PS1696
Size & System		17cm Component	16cm 2-Way
Peak Input Power		400W	320W
RMS Input Power		80W	100W
Impedance		4Ω	4Ω
Sensitivity (dB at 1m)		86dB	88dB
Frequency Response		58Hz - 22kHz	75Hz - 24kHz
Woofer Magnet		Ferrite	Ferrite
Tweeter	Diaphragm	Soft Dome	Balanced Dome
	Magnet	Neodymium	Neodymium
Mounting Depth		56mm	48mm

1300 Super Bass.



Peak 1300W  
KFC- PS2516W  
10inch / 25cm Subwoofer

Subwoofer		KFC- PS2516W
Size		25cm
Peak Input Power		1300W
RMS Input Power		300W
Impedance		4Ω
Sensitivity (dB at 1m)		81dB
Frequency Response		32Hz - 300Hz
Woofer	Diaphragm	PP Cone
	Magnet	Ferrite
Mounting Depth		116.3mm



# S Series Stage Sound.

If you are looking for an easy solution to improve sound quality while you drive, S series speakers are ideal for ease of installation. They will provide high-quality “stage” sound and enhance your driving experience.

## Life-like Sound with Sound Field Enhancer

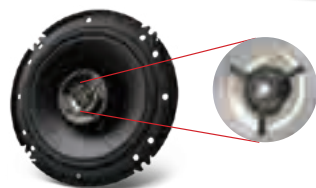


Peak 330W

### KFC- S1676EX

16cm 2-Way Speaker

Magnet Size: ø85 x t12

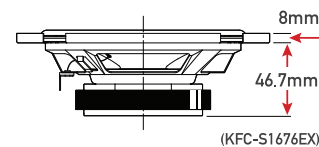


#### Sound Field Enhancer

The tweeter with a conical-frustum shape and wave structure on the bottom open end creates strong frontward sound as well as a wider sound field in 5kHz and upper frequencies. It results in life-like “Stage” sound.



Larger Magnetic Circuit creates enough power to drive the woofer cone and reproduce high-density sound.



Shallow Depth  
Easy to replace your factory speakers.

Speaker		KFC- S6976EX		KFC- S1676EX / S1666		KFC- E715P		KFC-E705P	
Size & System		6 x 9 inch 3-Way		16cm, 2-Way		17cm Component		17cm Component	
Peak Input Power		500W		330W / 300W		300W		300W	
RMS Input Power		80W		60W / 30W		30W		30W	
Impedance		4Ω		4Ω		4Ω		4Ω	
Sensitivity (dB at 1m)		87dB		87dB / 90dB		92dB		90dB	
Frequency Response		44Hz - 18kHz		80Hz / 40Hz		30Hz - 22kHz		30Hz - 22kHz	
Woofer Magnet		Ferrite ø90 x t12		Ferrite ø85 x t12 / ø80 x t10		Ferrite		Ferrite	
Tweeter	Diaphragm	Cone (Mid Range)		Balanced Dome		PEI Balanced Dome		PEI Balanced Dome	
	Magnet	Ferrite		Neodymium		Neodymium		Neodymium	
Mounting Depth		79.3mm		46.7mm / 43.2mm		44mm		44mm	

## Powered Subwoofers

### Deep Bass from Small Enclosure

By using a down-firing subwoofer and superior technologies, the audio system generates high-quality sound and powerful bass while still being compact.



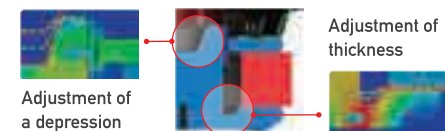
Max 400W

### PA- W801B

20cm Powered Subwoofer  
in Ported Enclosure



Detachable DC Connector  
The subwoofer box can be removed easily when you want to load big stuff in the trunk.



Strong Magnetic Circuit  
with large magnet and optimized yoke reproduces deep bass sound even with a small box.



Peak 300W

### KFC- E715P

17cm Component Speaker

Magnet Size: Ferrite

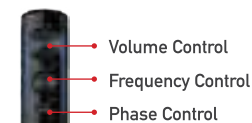
### Amazing Performance from Compact Box



Max 250W

### KSC- PSW8

20cm Compact Powered Subwoofer



Wired Remote Control



Powered Subwoofer	PA- W801B	KSC- PSW8
Woofer Size	20cm with Box	20cm
Maximum Output Power	400W	250W
RMS Power	200W	150W
Low Pass Filter	50Hz - 200Hz, -18dB/oct.	50Hz - 125Hz, -12dB/oct.
Gain Control	Yes	Yes (on Remote)
Phase Control	0° / 180°	0° / 180° (on Remote)
Speaker Level Input	Yes	Yes
RCA Input	Yes	Yes
Dimensions (W x D x H)	450 x 150 x 300mm	350 x 240 x 75mm