

# 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™



DDX9019SM

DDX919WSM 200mm Wide



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

# 8

Apple CarPlay & Android Auto™



DMX8019S



**DNX GARMIN**  
– AV Navigation Receivers



DNX9190SM

# 5



DNX5180SM





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.



**DDX7019BTM**



**DDX719WBTM**

200mm Wide



**DMX7019BTM**



**DMX719WBTM**

200mm Wide



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



**DDX419BTM**

1

## MPEG4 Playback up to 1920 x 1080p



**DMX1025BT**



# 9 Series

DDX9019SM/919WSM

DNX9190SM

## 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

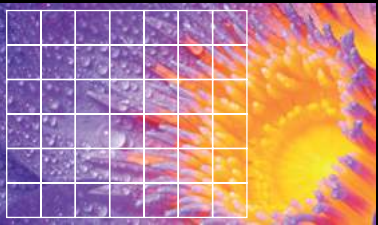
3-Way X'over Mode

High Voltage 5.0V 3 Preouts



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

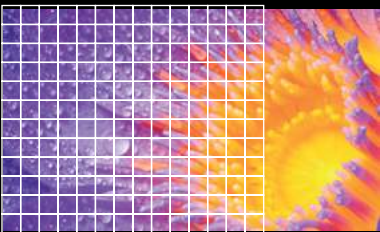
WVGA Display



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.



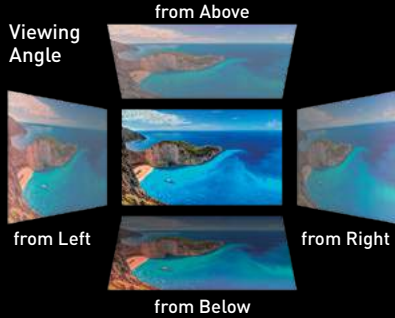
High-Resolution Audio is high-quality sound that far exceeds CD standards, and can play 192kHz / 32bit over sampling DSP. It captures and beautifully expresses details and nuances from the ultra-high to low frequencies.

# Playable High-Resolution Audio Files

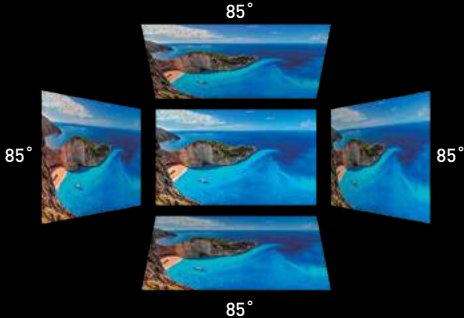
| Audio Codec | Playable up to |
|-------------|----------------|
| FLAC        | 192kHz / 24bit |
| WAV         | 192kHz / 24bit |

# 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.

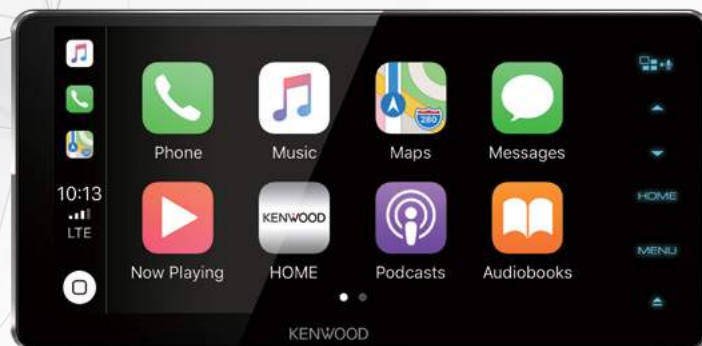
Complete your whole sound system with the X series amplifiers and speaker (KFC-XS1703), which are also designed for Hi-Res Audio. You can immerse yourself in a truly authentic listening experience of Hi-Res Audio.

See pages 20 to 23 for details.



# 9 Series

DDX9019SM/919WSM  
DNX9190SM



## 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)



androidauto

### 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)



### 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.



### 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

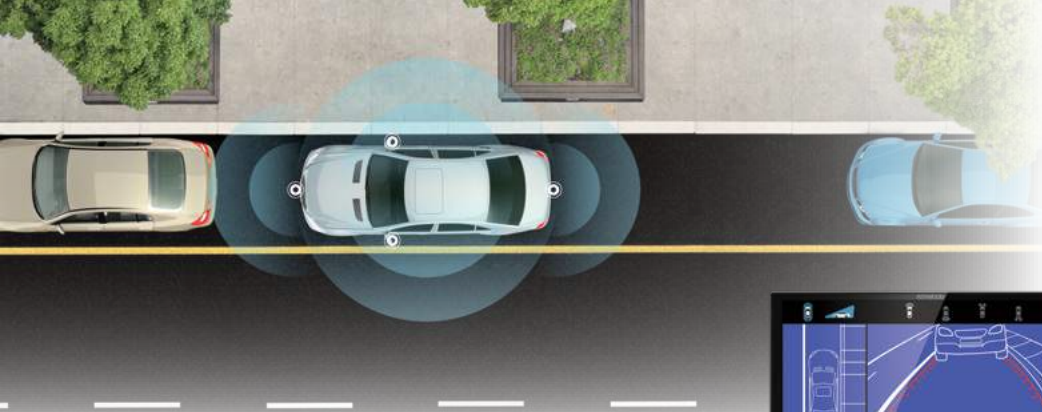
Automatically switch the paired 2 phones for incoming calls. Also includes better quality reception using the Wideband Speech Hands-free Profile ver.1.7.



### Spotify Full Control

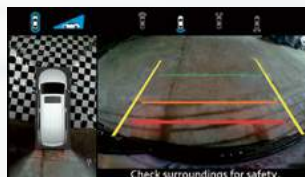
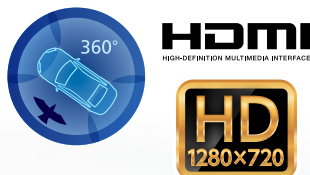
Works over Bluetooth for Android and Bluetooth or USB cable for iPhone.





## 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.



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



# 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



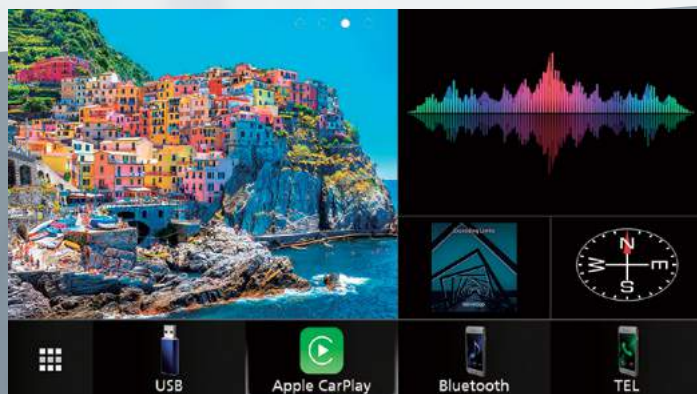
Forward Collision Warning



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 (DNX9190SM 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

DDX9019SM / 919WSM have a RGB interface for 3rd party navigation unit.

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Smartphone Centric  
(Non DVD)

**DMX8019S**

7.0 inch WVGA Clear-coated Resistive Display AV Receiver

5

Guidance by **GARMIN**

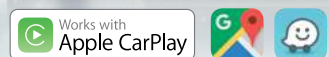
With the industry leading Garmin navigation software, offering a variety of display options to make your driving easy such as Photo Real Junction View and Lane Assist.



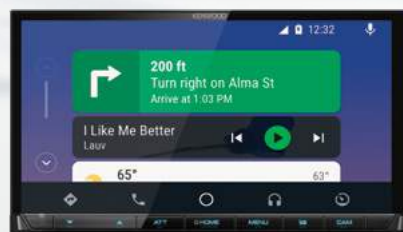
**DNX5180SM**

6.8 inch WVGA Clear-coated Resistive Display AV Navigation

## 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 for up to 3 widgets.

### DMX8019S & DNX5180SM, 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 (DNX5180SM 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



#### 2-Phone Hands Free Calling Ready

#### Multi Camera Inputs



#### Dash Camera Linkage with DRV-N520

**FULL HD PLUS**  
2304 x 1296




































#### Direct OEM Steering Remote Interface

See page 14.



# Lineup Comparison

|  |  | DDX9019SM   | DDX919WSM   | DNX9190SM   | DMX8019S  | DNX5180SM   |
|--|--|---|---|---|---|---|
|  |  |                                    |                                     |                                    |                                    |                                    |
| Built-in Garmin Navigation  |  | —   | —   | Yes   | —   | Yes   |
| DVD / CD Player  |  | Yes   | Yes   | Yes   | —   | Yes   |
| Display  | Size / Number of Pixels  | 6.8" / 1280 x 720                  | 6.8" / 1280 x 720                  | 6.8" / 1280 x 720                  | 7.0" / 800 x 480  | 6.8" / 800 x 480  |
|  | Display Type   | Capacitive  | Capacitive  | Capacitive  | Clear-coated Resistive  | Clear-coated Resistive  |
| Smartphone Integration   | Built-in Wi-Fi                        | Yes   | Yes   | Yes   | —   | —   |
|  | Apple CarPlay                         | via Wi-Fi & via USB   | via Wi-Fi & via USB   | via Wi-Fi & via USB   | via USB   | via USB   |
|  | Android Auto                          | via USB   | 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  | 2-Phone Hands Free  |
|  | Bluetooth Audio Streaming             | Music Mix (x 5 devices)   | 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   | Yes   |
| USB Interface  | USB Terminal   | x 2                               | 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  | 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 / MP3 / WMA / AAC / WAV  | FLAC / DSD / MP3 / WMA / AAC / WAV  |
| Audio  | High-Resolution Audio               | Yes   | 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   | 13-Band / Yes / Yes   |
|  | Preout   | 5.0V / 3 Preouts  | 5.0V / 3 Preouts  | 5.0V / 3 Preouts  | 4.0V / 3 Preouts  | 4.0V / 3 Preouts  |
| Peripheral Connectivity  | 2D / 3D AVM Linkage                 | Yes (Whetron)   | Yes (Whetron)   | Yes (Whetron)   | Yes   | —   |
|  | HDMI Input                          | Yes   | Yes   | Yes   | —   | —   |
|  | Dashcam Linkage                     | Yes (DRV-N520)  | 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 3 / x 1 / x 1   | x 2 / x 1 / x 1   |
|  | Direct OEM Steering Remote Control  | Yes   | Yes   | Yes   | Yes   | Yes   |
|  | Navigation RGB Input                | Yes   | Yes   | —   | Yes   | —   |

# 7 Series

DDX7019BTM/719WBTM

DMX7019BTM/719WBTM



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

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.



**DDX719WBTM** 200mm Wide   
7.0 inch WVGA Capacitive Display AV Receiver

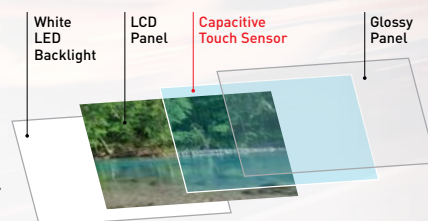


Smartphone Centric (Non DVD)

**DMX719WBTM** 200mm Wide   
7.0 inch WVGA Capacitive Display AV Receiver

### Capacitive Display

DDX719WBTM / DMX719WBTM 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.

### Sound Adjustment Features

To meet your high expectations.

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



## & Android



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



### DDX7019BTM



7.0 inch WVGA Clear-coated Resistive Display  
AV Receiver



Smartphone Centric (Non DVD)

### DMX7019BTM



7.0 inch WVGA Clear-coated Resistive Display AV Receiver



## 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.

## Clear-coated Resistive Display

DDX7019BTM / DMX7019BTM are equipped with 7.0 inch WVGA 800 x 480 pixels Clear-coated Resistive Display.



### 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

4



## DDX419BTM

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

**FullHD PLUS**  
2304 x 1296

### 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

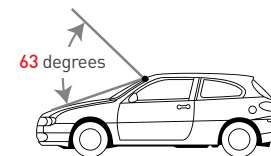
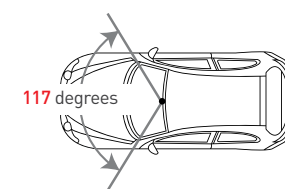
It provides higher resolution than Full HD (1920 x 1080p), and is capable of capturing a clear image of a license plate.

### Symplified ADAS Function

Equipped with the latest accident avoidance sensor technology like Lane Departure Warning and Forward Collision Warning.

### Wide-Angle Lens

It captures video from a broad viewing prospective.



## DRV-330

Stand-alone Dash Camera with 2.0 inch LCD Display

**FullHD**  
1920 x 1080

### WDR Technology

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



without WDR



with WDR

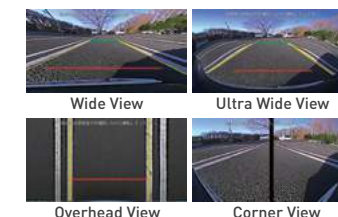


## CMOS-320

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-830             | DRV-430 / 410       | DRV-330             |
|---------------------------------------|------------------|---------------------|---------------------|---------------------|
| Screen Size                           | —                | 3.0" Full-color TFT | 1.5" Full-color TFT | 2.0" Full-color TFT |
| Number of Pixels                      | 3M (2304 x 1296) | 3.7M (2560 x 1440)  | 3M (2304 x 1296)    | 2M (1920 x 1080)    |
| HDR Record Enhancement                | Yes              | Yes                 | Yes                 | Yes (WDR)           |
| Viewing Angle (Horizontal / Vertical) | 117 / 63 degrees | 132 / 70 degrees    | 117 / 63 degrees    | 100 / 52 degrees    |
| Built-in G-Sensor / GPS Receiver      | Yes / —          | Yes / Yes           | Yes / Yes           | Yes / Yes           |
| 4 Types Recording Mode*               | Yes              | Yes                 | Yes                 | Yes                 |
| Symplified ADAS*                      | Yes              | Yes                 | Yes                 | —                   |
| Dimensions (W x H x D) (Main Unit)    | 79 x 22 x 48mm   | 87 x 55 x 35mm      | 77 x 56 x 35mm      | 62 x 54 x 32mm      |

| 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                  |

\* 4 Types of Recording Modes: Continuous Recording / Manual Recording / Event Recording / Parked Recording

\* Symplified ADAS (Advanced Driver Assistance System): Lane Departure Warning / Forward Collision Warning



## 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.

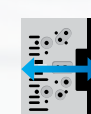


## 6.8 inch Capacitive Display

Clear glass display with swipe functionality

## Short Chassis Design

Only 75mm of depth for more flexible installation



## Direct OEM Steering Remote Interface

See below.



Smartphone Centric (Non DVD)

**DMX1025BT**

6.8 inch WVGA Capacitive Display AV Receiver

Newly designed panel with right-side key layout.

## Direct OEM Steering Remote Control

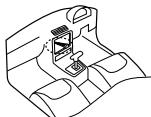
Connector Information for Japanese and Korean Vehicles

| 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<br>Input 2 : Purple<br>ST REMOTE GND : Gray | Input 1 : Green<br>Input 2 : Purple<br>ST REMOTE GND : Gray | Input 1 : Green<br>Input 2 : Purple<br>ST REMOTE GND : Gray | Input 1 : Green<br>Input 2 : Purple<br>ST REMOTE GND : Gray | Input 1 : Green<br>Input 2 : NC<br>ST REMOTE GND : Gray | Input 1 : Green<br>Input 2 : NC<br>ST REMOTE GND : Gray      | Input 1 : Green<br>Input 2 : NC<br>ST REMOTE GND : Gray | Input 1 : Green<br>Input 2 : Purple<br>ST REMOTE GND : Gray | Input 1 : Green<br>Input 2 : Purple<br>ST REMOTE GND : Gray | Input 1 : Green<br>Input 2 : Purple<br>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<br>Input 2 : Purple<br>ST REMOTE GND : Gray | Input 1 : Green<br>Input 2 : NC<br>ST REMOTE GND : Gray     | Input 1 : Green<br>Input 2 : NC<br>ST REMOTE GND : Gray     | Input 1 : Green<br>Input 2 : NC<br>ST REMOTE GND : Gray     | Input 1 : Green<br>Input 2 : NC<br>ST REMOTE GND : Gray | Input 1 : Green<br>Input 2* : Purple<br>ST REMOTE GND : Gray | Input 1 : Green<br>Input 2 : NC<br>ST REMOTE GND : Gray | Input 1 : Green<br>Input 2 : NC<br>ST REMOTE GND : Gray     | Input 1 : Green<br>Input 2 : NC<br>ST REMOTE GND : Gray     |   |

The information for each vehicle above was investigated by JVCKENWOOD Asia Headquarters, and may not cover all of the connector types. Please contact your local KENWOOD dealers for details.

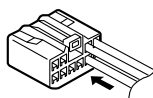
### Location of Steering Remote Connector

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



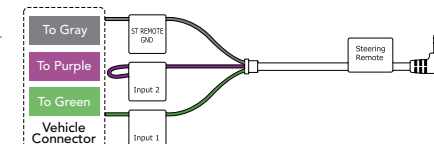
### How to view Steering Remote Connector

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.





# Lineup Comparison

|  |  | DDX7019BTM   | DDX719WBTM   | DMX7019BTM  | DMX719WBTM  | DDX419BTM   | 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*                            | via USB*                           | via USB*                           | via USB*                           | —   | 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   | —   |
| USB Interface  | Spotify Control                       | Yes  | Yes  | Yes   | Yes   | Yes   | —   |
|  | 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   |
|  | Direct OEM Steering Remote Control  | Yes  | Yes  | Yes   | Yes   | Yes   | Yes   |
|  | Navigation RGB Input                | Yes  | Yes  | Yes   | Yes   | Yes   | —   |

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

# Bluetooth Audio

## CD Receivers



USB / CD Receiver  
**KDC-BT630U**  
4.0V/3 Preouts



USB / CD Receiver  
**KDC-BT530U**  
2.5V/1 Preout



USB / CD Receiver  
**DPX-5100BT**  
4.0V/3 Preouts

- Direct OEM Steering Remote Control
- 200mm Trim Plate included

## Elegant Simplicity by KENWOOD

*Signature panel design & "Beyond Bluetooth"*



USB / CD Receiver  
**KDC-X5200BTM**  
4.0V/3 Preouts

### Direct Bluetooth Control

(KDC-BT630U / BT530U & KMM-BT305 / BT205)

**Hands Free Key:**  
Answering and making a call

**Audio Streaming Key:**  
Entering Bluetooth Audio source



### Spotify Full Control

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



### 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 Quick Charge

Max 1.5A quick charge for selected Android, 1.0A charge 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<br>(KDC-BT630U/X5200BTM / DPX-5100BT / KMM-BT305) |            |                   |



## Digital Media Receivers



USB Receiver

**KMM-BT305**

4.0V/3 Preouts



USB Receiver

**KMM-BT205**

2.5V/1 Preout



USB Receiver

**DPX-M3100BT**

2.5V/2 Preouts



200mm Trim Plate included

functionality



**Advanced Bluetooth Features**



**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.

[KDC-BT530U & KMM-BT205: Compatible to Android only]



**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                   | KDC-X5200BTM                 | DPX-5100BT                   | KMM-BT305                    | KMM-BT205                    | DPX-M3100BT                  |
|---|---|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|
| CD Player                                 | Yes   | 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                          | Yes                          | Yes                          |
| USB Terminal                              | x 1   | x 1                          | 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 | FLAC / WAV / AAC / MP3 / WMA | FLAC / WAV / AAC / MP3 / WMA |
| 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 / Yes          | 13-Band / Yes / Yes          | 13-Band / Yes / Yes          |
| Audio Preout                              | 4.0V / 3 Preouts  | 2.5V / 1 Preout              | 4.0V / 3 Preouts             | 4.0V / 3 Preouts             | 4.0V / 3 Preouts             | 2.5V / 1 Preout              | 2.5V / 2 Preouts             |
| Direct OEM Steering Remote Control        | —   | —                            | —                            | Yes                          | —                            | —                            | —                            |
| Remote Control                            | Included  | Optional                     | Included                     | Included                     | Included                     | Optional                     | —                            |

\* KDC-BT530U & KMM-BT205: Compatible to Android only

# Entry-class **USB Audio**

**CD** Receivers



USB / CD Receiver

**KDC-230UI** 


2.5V/2 Preouts 



**Vision Clarity &**  
*Improved LCD contrast*




USB / CD Receiver

**KDC-154UM**   
2.5V/3 Preouts 



USB / CD Receiver

**KDC-130U**   
2.5V/2 Preouts

## Direct Control

**Audio Control Key:** (KDC-230UI/154UM/130U)  
Access to sound tuning menu



**Color Setting Key:**  
Easy to change illumination color

**Audio Control Key** (KDC-1040U & KMM-105M/105)



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



## Playable USB Files

| Audio Codec | Playable up to    |                     |
|-------------|-------------------|---------------------|
|             | <b>KDC-320UIM</b> | <b>Other Models</b> |
| FLAC        | 96kHz / 24bit     | 48kHz / 16bit       |
| WAV         | 44.1kHz / 16bit   | 44.1kHz / 16bit     |
| AAC         | 96kHz / 576kbps   | —                   |
| MP3         | 48kHz / 320kbps   | 48kHz / 320kbps     |
| WMA         | 48kHz / 192kbps   | 48kHz / 192kbps     |

## Lineup Comparison

|   |
|---|
| CD Player                                 |
| Key Illumination / LCD - LED Backlight    |
| USB Terminal                              |
| Audio Decoder                             |
| Equalizer / Time Alignment / 3-Way X'Over |
| Audio Preout                              |
| Remote Control                            |



## Digital Media Receivers

Dual USB / CD Receiver

**KDC-320UIM**

Made for iPhone | iPod



**Special Sound Quality Edition**

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



USB Receiver

**KMM-105M**  
2.5V/3 Preouts



**Direct Simplicity**  
*and brightness with Direct Control Keys*



USB Receiver

**KMM-105**  
2.5V/1 Preout



USB / CD Receiver

**KDC-1040U**  
2.5V/1 Preout



USB Receiver

**KMM-204**  
2.5V/2 Preouts

Made for iPhone | iPod

| KDC-230UI              | KDC-154UM              | KDC-130U               | KDC-1040U              | KDC-320UIM                   | KMM-105M               | KMM-105                | KMM-204                |
|------------------------|------------------------|------------------------|------------------------|------------------------------|------------------------|------------------------|------------------------|
| Yes                    | Yes                    | Yes                    | Yes                    | Yes                          | —                      | —                      | —                      |
|                        |                        |                        |                        |                              |                        |                        |                        |
| x 1                    | x 1                    | x 1                    | x 1                    | x 2 (Front & Rear)           | x 1                    | x 1                    | x 1                    |
| Made for iPhone   iPod |                        |                        |                        | Made for iPhone   iPod       |                        |                        | Made for iPhone   iPod |
| FLAC / WAV / MP3 / WMA | FLAC / WAV / MP3 / WMA | FLAC / WAV / MP3 / WMA | FLAC / WAV / MP3 / WMA | FLAC / WAV / AAC / MP3 / WMA | FLAC / WAV / MP3 / WMA | FLAC / WAV / MP3 / WMA | FLAC / WAV / MP3 / WMA |
| 3-Band / — / —         | 3-Band / — / —         | 3-Band / — / —         | 3-Band / — / —         | 13-Band / Yes / Yes          | 3-Band / — / —         | 3-Band / — / —         | 3-Band / — / —         |
| 2.5V / 2 Preouts       | 2.5V / 3 Preouts       | 2.5V / 2 Preouts       | 2.5V / 1 Preout        | 4.0V / 3 Preouts             | 2.5V / 3 Preouts       | 2.5V / 1 Preout        | 2.5V / 2 Preouts       |
| Included               | Included               | Included               | Included               | Included                     | Included               | Included               | Included               |

# Amplifier & Speaker Lineup

X Series / HQR Series / PS Series / S Series

**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 17cm component speaker KFC-XS1703 are precisely designed for High-Resolution Audio.

**HQR Series. High Quality Reference.**

HQR series amplifiers and speakers are equipped with exclusive technologies to offer remarkable sound performance, durability and an unrivalled audiophile experience true to KENWOOD brand's core values.

**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.

**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.

## Amplifier



Hi-Res AUDIO


5ch / 4ch / Mono




4ch



4ch / 2ch / Mono

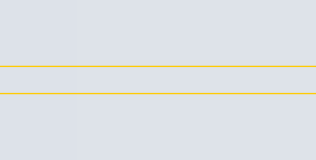



## Component Speaker



Hi-Res AUDIO

17cm

17cm



17cm

## Oval Coaxial








| Speaker   | Round Coaxial Speaker   | Subwoofer  |
|---|---|--|
| <br>6 x 9 inch   | <br>17cm                       | <br>Shallow 30cm / 25cm / 20cm |
| <br>7 x 10 inch  | <br>16cm                       | <br>30cm                       |
| <br>6 x 9 inch  | <br>17cm / 16cm / 13cm / 10cm | <br>30cm / 25cm               |
| <br>6 x 9 inch | <br>16cm / 13cm / 10cm       | <br>20cm Powered Subwoofer   |

## Perfect Match

Power your whole system with **KENWOOD**.

9

**DNX9190SM**  
**DDX9019SM**



**DDX919WSM**

**Hi-Res  
AUDIO**



### High-Resolution Audio

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.

### Best Combination

Complete your whole sound system with the 9 series head unit, X series amplifiers and speaker (KFC-XS1703), and you can immerse yourself in a truly authentic listening experience of Hi-Res Audio.

7

**DDX7019BTM**  
**DMX7019BTM**



**DDX719WBTM**  
**DMX719WBTM**



4

**DDX419BTM**



**Audio**



# X Series

## High-Resolution Audio

## Presence, sound that reaches



Faithfully reproducing the finely carved details from a Hi-Res Audio source, down to every last grain of sound.

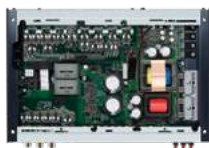
Max 1800W

### 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 4Ω        | 60W x 4ch + 400W  | 75W x 4ch   | 50W x 4ch + 300W  | 50W x 4ch   | 300W  |
| RMS Power at 2Ω        | 75W x 4ch + 600W  | 100W x 4ch  | 75W x 4ch + 500W  | 75W x 4ch   | 500W  |
| Bridged at 4Ω          | —   | 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)<br>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)<br>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  |

### Speaker

Size & System

Peak Input Power

RMS Input Power

Impedance

Sensitivity (dB at 1m)

Frequency Response

Woofer Magnet

Tweeter Diaphragm  
Magnet

Mounting Depth



# out and speaks to you

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.

**Rigid Glass Fiber Diaphragm**  
reveals the most subtle characteristics of the sound.

**Optimized Equalizer Shape**  
resulting in realistic sound stage with minimal unwanted artifacts.

Peak 180W

## KFC-XS1703

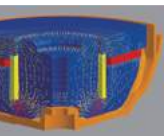
Hi-Res Audio Certified,  
17cm Component Speaker



**Rigid Aluminum Die-cast Frame**  
reduces needless vibration and sound distortion.

**Neodymium Magnet with Cavity Architecture**  
enhances mid-bass performance.

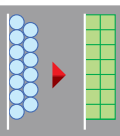
**25mm Soft Dome Tweeter**  
with swivel application



**Optimized Magnetic Circuit with Aluminum Short Ring**  
provides uniform magnetic energy to accurately control voice coil movement.



**AFC and Tornado Damper**  
provide a well-balanced speaker with long-term durability.



**High-density Square Voice Coil**  
realizes powerful sound with high driving capacity.



**High-grade Film Condenser**  
is connected directly to the tweeter and improves high frequency performance.

- 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.

### KFC-XS1703



Hi-Res  
AUDIO

### KFC-X694



### KFC-X174



17cm Component

6 x 9 inch 2-Way

17cm 2-Way

180W

300W

240W

45W

130W

80W

4Ω

3Ω

4Ω

83dB

89dB

88dB

25Hz - 48kHz (-10dB)

51Hz - 20kHz

69Hz - 21kHz

Neodymium

Ferrite

Ferrite

Soft Dome

Soft Dome

Soft Dome

Neodymium

Neodymium

Neodymium

57.7mm

85mm

56mm

### Subwoofer

### KFC-WPS1200F



### KFC-WPS1000F



### KFC-XW800F



Size

30cm Shallow Type

25cm Shallow Type

20cm Shallow Type

Peak Input Power

1400W

1000W

600W

RMS Input Power

350W

250W

150W

Impedance

4Ω

4Ω

4Ω

Sensitivity (dB at 1m)

91dB

90dB

78dB

Frequency Response

30Hz - 700Hz

35Hz - 800Hz

40Hz - 500Hz

Woofer

Diaphragm

Carbon-Glass Fiber  
Honeycomb Cone

Carbon-Glass Fiber  
Honeycomb Cone

Carbon-Glass Fiber  
Honeycomb Cone

Magnet

Ferrite

Ferrite

Ferrite

Mounting Depth

100mm

85mm

70mm

# HQR Series

## High Quality Reference.

Ultra Wide



Max 1200W

### KAC-HQR1004

AB-Class 4ch Amplifier

## Max 1200W, Performance & Durability 4ch Amplifier



#### High-density Construction with Cooling Fan

allows the amplifier to operate at comfortable temperature levels even under stressful conditions.



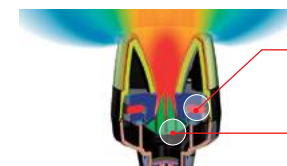
#### Custom-made Capacitors

provide enhanced stability and reproduce accurate low frequency sound.



#### Gold-plate Terminals

lower contact resistance resulting in wider frequency response, with improved dynamic range and signal-to-noise ratio.



Peak 700W

### KFC-HQR710EX

7 x 10 inch Speaker



Neodymium Magnet



Titanium Diaphragm  
(made in Japan)

#### Horn Tweeter

with neodymium magnet maximizes the efficiency of the titanium diaphragm and reproduces ultra-wide range life-like sound.

| Amplifier              | KAC-HQR1004   |
|------------------------|---|
|                        |  |
| Maximum Output Power   | 1200W   |
| RMS Power at 4Ω        | 100W x 4ch  |
| RMS Power at 2Ω        | 130W x 4ch  |
| Bridged at 4Ω          | 270W x 2ch  |
| Frequency Response     | 20Hz - 20kHz  |
| Signal to Noise Ratio  | 100dB   |
| Low Pass Filter        | 50Hz - 200Hz, -12dB/oct.  |
| High Pass Filter       | 50Hz - 200Hz, -12dB/oct.  |
| Bass Boost             | 40Hz, 0-+18dB (Bch)   |
| Speaker Level Input    | Yes   |
| Cooling Fan            | Yes   |
| Dimensions (W x D x H) | 324 x 187 x 55mm  |

| Speaker                | KFC-HQR710EX  | KFC-HQ718EX   |
|------------------------|---|---|
|                        |  |  |
| Size & System          | 7 x 10 inch   | 7 x 10 inch 3-Way   |
| Peak Input Power       | 700W  | 400W  |
| RMS Input Power        | 155W  | 80W   |
| Impedance              | 3Ω  | 3Ω  |
| Sensitivity (dB at 1m) | 87dB  | 93dB  |
| Frequency Response     | 63Hz - 23kHz  | 28Hz - 30kHz  |
| Woofer Magnet          | Ferrite   | Ferrite   |
| Tweeter                | Diaphragm   | Titanium Dome   |
|                        | Magnet  | Neodymium   |
| Mounting Depth         | 88mm  | 82mm  |

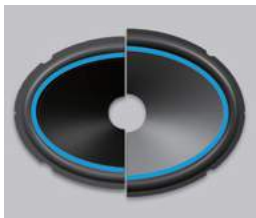


# Range, 7 x 10 inch Speakers

Born in 2002, and sold over 1,200,000 pairs.  
The Legendary 7 x 10 inch Speaker



Gold-plated Terminals have lower contact resistance resulting in wider frequency response.

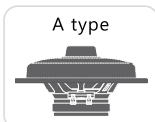


6 x 9 inch      7 x 10 inch

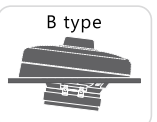
7 x 10 inch Wider Diaphragm creates extraordinary sound pressure with precision.

### 3 Ways to Install

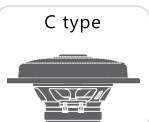
Attached 6 x 9 inch bracket and slanted bracket allow you flexible installation.



A type  
with 6 x 9 inch holes



B type  
Slanted Mount



C type  
with 7 x 10 inch holes

Peak 320W

## KFC-HQ718

7 x 10 inch 3-Way Speaker



| KFC-HQ718         |  | KFC-HQR1600  |  |
|-------------------|--|--------------|--|
|                   |  |              |  |
| 7 x 10 inch 3-Way |  | 16cm 3-Way   |  |
| 320W              |  | 400W         |  |
| 80W               |  | 100W         |  |
| 4Ω                |  | 4Ω           |  |
| 93dB              |  | 82dB         |  |
| 22Hz - 33kHz      |  | 65Hz - 20kHz |  |
| Ferrite           |  | Ferrite      |  |
| PEI Balanced Dome |  | PEI Cone     |  |
| Ferrite           |  | Ferrite      |  |
| 82mm              |  | 61mm         |  |

| Subwoofer              |           | KFC-HQR3000             |  |
|------------------------|-----------|-------------------------|--|
|                        |           |                         |  |
| Size                   |           | 30cm                    |  |
| Peak Input Power       |           | 1500W                   |  |
| RMS Input Power        |           | 500W                    |  |
| Impedance              |           | 4Ω                      |  |
| Sensitivity [dB at 1m] |           | 82dB                    |  |
| Frequency Response     |           | 32Hz - 300Hz            |  |
| Woofer                 | Diaphragm | Carbon-Glass Fiber Cone |  |
|                        | Magnet    | Ferrite                 |  |
| Mounting Depth         |           | 153mm                   |  |

| Recommended Subwoofer Box |  | 30cm Sub-BOX      |  |
|---------------------------|--|-------------------|--|
|                           |  |                   |  |
| Subwoofer                 |  | KFC-HQR3000       |  |
| Box Type                  |  | Slot-Ported       |  |
| Dimensions (W x D x H)    |  | 590 x 355 x 362mm |  |
| Volume                    |  | 56.6L             |  |

# PS Series

## Pure Performance.



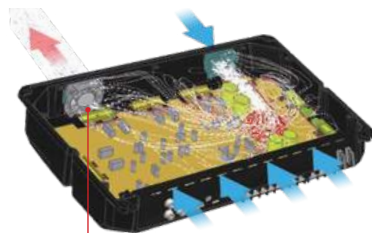
Max 1000W

### KAC-PS704EX

AB-Class 4ch Amplifier

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

- 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.

## High Performance Sound,



Peak 700W RMS 160W

### KFC-PS6996EX

6 x 9 inch 5-Way Speaker

Magnet Size: ø115 x t16



**Acoustic Sound Harmonizer**  
harmonizes different sounds from the woofer and tweeter and reproduces a natural sound.



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

| Amplifier              | KAC-PS704EX              | KAC-PS404                | KAC-PS702EX      | KAC-PS917D               |
|------------------------|--------------------------|--------------------------|------------------|--------------------------|
| Maximum Output Power   | 1000W                    | 550W                     | 500W             | 2000W                    |
| RMS Power at 4Ω        | 70W x 4ch                | 40W x 4ch                | 70W x 2ch        | 500W                     |
| RMS Power at 2Ω        | 100W x 4ch               | 60W x 4ch                | 85W x 2ch        | 1000W                    |
| Bridged at 4Ω          | 200W x 2ch               | 130W x 2ch               | 170W x 1ch       | —                        |
| Frequency Response     | 20Hz - 50kHz             | 20Hz - 50kHz             | 20Hz - 50kHz     | 20Hz - 200Hz             |
| Signal to Noise Ratio  | 100dB                    | 100dB                    | 100dB            | 100dB                    |
| Low Pass Filter        | 50Hz - 200Hz, -24dB/oct. | 50Hz - 200Hz, -24dB/oct. | 80Hz, -18dB/oct. | 50Hz - 200Hz, -24dB/oct. |
| High Pass Filter       | 80Hz, -12dB/oct.         | 80Hz, -12dB/oct.         | —                | —                        |
| Bass Boost             | —                        | —                        | —                | 40Hz, 0-+18dB            |
| Speaker Level Input    | Yes                      | Yes                      | Yes              | Yes                      |
| Cooling Fan            | Yes                      | —                        | —                | —                        |
| Dimensions (W x D x H) | 335 x 204 x 56mm         | 335 x 204 x 56mm         | 230 x 167 x 56mm | 335 x 192 x 56mm         |

| Speaker                | KFC-PS170C          |
|------------------------|---------------------|
| Size & System          | 17cm Component      |
| Peak Input Power       | 400W                |
| RMS Input Power        | 80W                 |
| Impedance              | 4Ω                  |
| Sensitivity (dB at 1m) | 86dB                |
| Frequency Response     | 58Hz - 22kHz        |
| Woofer Magnet          | Ferrite             |
| Tweeter                | Diaphragm<br>Magnet |
| Mounting Depth         | 56mm                |



# High Power RMS for Your Vehicle



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

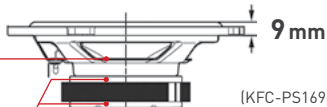
**Factory Location Fit**  
The tweeter height is designed as low as possible, and the speaker units can fit within most of the spaces for factory speakers.



**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.

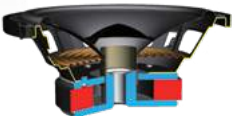


Peak 400W  
**KFC-PS170C**  
17cm Component Speaker

**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 solid bass sound by avoiding deformation of diaphragm.

**KFC-PS6996EX / PS6996 / PS6986 / PS6976**



**KFC-PS1796 / PS1696 / PS1396 / PS1096**



6 x 9 inch, 5-Way / 5-Way / 4-Way / 3-Way  
700W / 650W / 600W / 550W  
160W / 150W / 140W / 130W

17cm / 16cm / 13cm / 10cm, 2-Way  
330W / 320W / 320W / 220W  
100W / 100W / 75W / 50W

|                                   |  |
|-----------------------------------|--|
| 4Ω                                | 4Ω   |
| 88dB                              | 88dB / 88dB / 85dB / 85dB                                  |
| 55Hz / 58Hz / 60Hz / 63Hz - 22kHz | 72Hz - 24kHz / 75Hz - 24kHz / 80Hz - 25kHz / 114Hz - 25kHz |
| Ferrite                           | Ferrite  |
| Balanced Dome                     | Balanced Dome  |
| Ferrite                           | Neodymium  |
| 81.5mm / 80.5mm / 80.5mm / 80.5mm | 48mm / 48mm / 46mm / 43.4mm                                |

**Subwoofer**

**KFC-PS3016W / PS2516W**



|                        |   |
|------------------------|---|
| Size                   | 30cm / 25cm                             |
| Peak Input Power       | 2000W / 1300W                           |
| RMS Input Power        | 400W / 300W                             |
| Impedance              | 4Ω                                      |
| Sensitivity (dB at 1m) | 84dB / 81dB                             |
| Frequency Response     | 32Hz - 300Hz                            |
| Woofer                 | Diaphragm<br>Magnet                     |
| Mounting Depth         | PP Cone<br>Ferrite<br>131.6mm / 116.3mm |

**Recommended Subwoofer Box**

**3016BOX**



|                        |                   |
|------------------------|-------------------|
| Subwoofer              | KFC-PS3016W       |
| Box Type               | Slot-Ported       |
| Dimensions (W x D x H) | 560 x 340 x 400mm |
| Volume                 | 16kg              |

# S Series

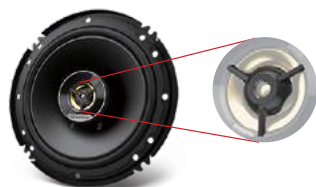
## Life-like Sound with Sound Field Enhancer

Peak 330W

**KFC-S1676EX**

16cm 2-Way Speaker

Magnet Size: ø85 x t12



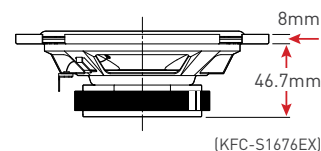
### Sound Field Enhancer

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.

Peak 500W

**KFC-S6976EX**

6 x 9 inch 3-Way Speaker

Magnet Size: ø90 x t12



| Speaker                |           | KFC-S6976EX / S6966   | KFC-S1676EX / S1666 / S1366 / S1066  | KFC-S1656G / S1356G / S1056G  | KFC-S1656 / S1056   |
|------------------------|-----------|---|--|---|---|
|                        |           |  |  |  |  |
| Size & System          |           | 6 x 9 inch 3-Way  | 16cm / 16cm / 13cm / 10cm, 2-Way   | 16cm / 13cm / 10cm, Dual Cone (with Grille)   | 16cm / 10cm, Dual Cone  |
| Peak Input Power       |           | 500W / 400W   | 330W / 300W / 260W / 220W  | 300W / 260W / 220W  | 300W / 220W   |
| RMS Input Power        |           | 80W / 45W   | 60W / 30W / 30W / 21W  | 30W / 30W / 21W   | 30W / 21W   |
| Impedance              |           | 4Ω  | 4Ω   | 4Ω  | 4Ω  |
| Sensitivity (dB at 1m) |           | 87dB / 91dB   | 87dB / 90dB / 89dB / 88dB  | 90dB / 89dB / 88dB  | 90dB / 88dB   |
| Frequency Response     |           | 44Hz - 18kHz / 35Hz - 20kHz   | 80Hz / 40Hz / 45Hz / 50Hz - 22kHz  | 40Hz / 45Hz / 50Hz - 18kHz  | 40Hz / 50Hz - 18kHz   |
| Woofer Magnet          |           | Ferrite ø90 x t12 / ø80 x t10   | Ferrite ø85 x t12 / ø80 x t10 / ø70 x t10 / ø70 x t10                                | Ferrite ø80 x t10 / ø70 x t10 / ø70 x t10   | Ferrite ø80 x t10 / ø70 x t10   |
| Tweeter                | Diaphragm | Cone (Mid Range)  | Balanced Dome  | —   | —   |
|                        | Magnet    | Ferrite   | Neodymium  | —   | —   |
| Mounting Depth         |           | 79.3mm / 76.8mm   | 46.7mm / 43.2mm / 43.7mm / 43mm  | 43mm / 43.5mm / 43mm  | 43mm  |




# 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.

High Efficiency D-Class Amplifier provides strong deep bass.



Wired Remote Control


**Max 400W**  
**PA-W801B**  
20cm Powered Subwoofer in Ported Enclosure



Reinforcing Ribbing (Cone) adds strength to the cone and minimizes distortion.



Dual Area Cap The two curved surfaces suppress deformation of the woofer cap and reproduce solid bass.



Adjustment of a depression



Adjustment of thickness



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



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



## Amazing Performance from Compact Box

20cm Cone Woofer

High Efficiency D-Class Amplifier


Aluminum Die Cast

35cm

7.5cm

24cm

**Max 250W**  
**KSC-PSW8**  
20cm Compact Powered Subwoofer



Volume Control


Frequency Control

Phase Control

Wired Remote Control



Installation under the seat



| KFC-E715P  |  | KFC-T40A  |  |
|--|--|---|--|
|  |  |  |  |
| 17cm Component   |  | 40mm Tweeter  |  |
| 300W   |  | 280W  |  |
| 30W  |  | 65W   |  |
| 4Ω   |  | 6Ω  |  |
| 92dB   |  | 90dB  |  |
| 30Hz - 22kHz   |  | 3kHz - 20kHz  |  |
| Ferrite  |  | —   |  |
| PEI Balanced Dome  |  | PEI Cone  |  |
| Neodymium  |  | Ferrite   |  |
| 44mm   |  | —   |  |

| 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         |

# 30cm Subwoofers

The highest power among entry class



**Peak 1200W**  
**KFC-MW3000**  
30cm Subwoofer



**Peak 1200W**  
**KSC-W1201T**  
30cm Tube Type Subwoofer

## Easy and Solid Mounting

Push Terminal



Quick-release Belts



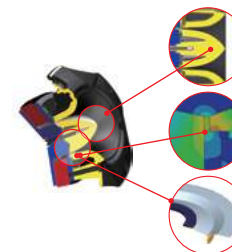
# SPL Series

The Ultimate High

With an emphasis on efficiency and power handling, the SPL series consists of a bullet tweeter, 16cm and 20cm mid-bass drivers that can be mixed and matched to deliver overwhelming output.



**Peak 200W**  
**KFC-PST20**  
38mm Bullet Type Tweeter



Horn Shape Optimization

Strong Magnetic Flux Density

Strong Magnetic Flux Density

| Subwoofer              |           | KFC-MW3000  | KFC-W3010   | KSC-W1201T   | KSC-W1200B  |
|------------------------|-----------|---|---|--|---|
|                        |           |  |  |  |  |
| Size                   |           | 30cm  | 30cm  | 30cm Tube Type   | 30cm with Box   |
| Peak Input Power       |           | 1200W   | 1000W   | 1200W  | 1200W   |
| RMS Input Power        |           | 300W  | 200W  | 300W   | 300W  |
| Impedance              |           | 4Ω  | 4Ω  | 4Ω   | 4Ω  |
| Sensitivity (dB at 1m) |           | 85dB  | 93dB  | 88dB   | 84dB  |
| Frequency Response     |           | 36Hz - 300Hz  | 25Hz - 800Hz  | 40Hz - 800Hz   | 38Hz - 300Hz  |
| Woofer                 | Diaphragm | PP Cone   | Pearl Mica PP Cone  | PP Cone  | PP Cone   |
|                        | Magnet    | Ferrite   | Ferrite   | Ferrite  | Ferrite   |
| Mounting Depth         |           | 147mm   | 135mm   | 330(W) x 330(H) x 660(D)mm   | 486(W) x 342(H) x 272(D)mm  |

| Speaker                |           | KFC-PST20   |  |
|------------------------|-----------|---|--|
|                        |           |  |  |
| Size & System          |           | 38mm Tweeter  |  |
| Peak Input Power       |           | 200W  |  |
| RMS Input Power        |           | 50W   |  |
| Impedance              |           | 4Ω  |  |
| Sensitivity (dB at 1m) |           | 106dB   |  |
| Frequency Response     |           | 4kHz - 22kHz  |  |
| Woofer Magnet          |           | —   |  |
| Tweeter                | Diaphragm | Bullet Type   |  |
|                        | Magnet    | Ferrite ø100 x t15  |  |
| Mounting Depth         |           | 64mm  |  |



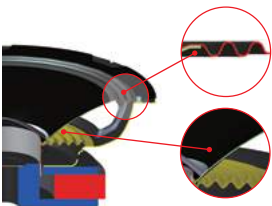
# Marine & Outdoor

Hit the waves, and stay connected.

KENWOOD marine and outdoor audio products provide the best sounding outdoor experience. Engineered to withstand harsh environments.



Peak 400W  
**KFC-PSM60**  
16cm Mid-Bass Speaker



Corrugation Edge

Thin and Light Woofer Cone



Max 400W  
**KAC-M1824BT**  
Built-in Bluetooth,  
Compact D-Class 4ch Amplifier



IPX5 Remote Control

## Multi-application

KAC-M1824BT is small in size so it fits even the most limited installation areas. It also uses a conformal coated main PCB which offers extra layers of protection to help prevent moisture or damp air from damaging the product.



for Automobile

for Marine

for ATV

for Motorcycle

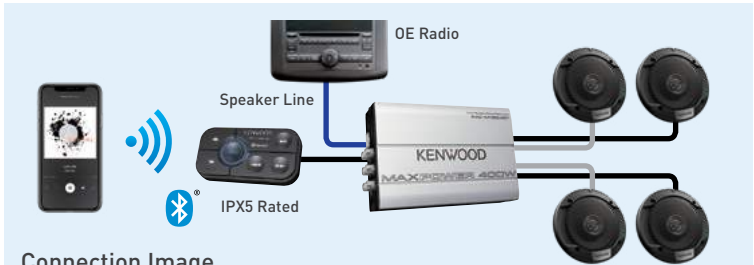
## Built-in Bluetooth

Thanks to aptX and AAC high quality sound with musical details can be reproduced via Bluetooth.



## Speaker Level Input with Signal Sensing Turn-on

allows you to enjoy upgraded sound with your factory-installed audio system even if difficult to replace it.



Connection Image

KAC-M1824BT is not only your standalone gateway but if used with an in-dash receiver, it will double the power of a typical CD receiver with its built-in 45W x 4 of amplifier.

**KFC-PSM60**



16cm Mid-Bass

**KFC-PSM80**



20cm Mid-Bass

|             |             |
|-------------|-------------|
| 400W        | 500W        |
| 100W        | 125W        |
| 4Ω          | 4Ω          |
| 94dB        | 95dB        |
| 95Hz - 5kHz | 85Hz - 5kHz |
| Ferrite     | Ferrite     |
| —           | —           |
| —           | —           |
| 62mm        | 76mm        |

**Amplifier**

**KAC-M1824BT**



**KAC-M1814**



|                        |                     |                          |
|------------------------|---------------------|--------------------------|
| Built-in Bluetooth     | Yes (A2DP/AAC/aptX) | —                        |
| Maximum Output Power   | 400W                | 400W                     |
| RMS Power at 4Ω        | 45W x 4ch           | 45W x 4ch                |
| RMS Power at 2Ω        | —                   | 45W x 4ch                |
| Bridged at 4Ω          | 90W x 2ch           | 90W x 2ch                |
| Frequency Response     | 20Hz - 20kHz        | 20Hz - 20kHz             |
| Signal to Noise Ratio  | 90dB                | 98dB                     |
| Low Pass Filter        | —                   | 50Hz - 200Hz, -12dB/oct. |
| High Pass Filter       | —                   | 50Hz - 200Hz, -12dB/oct. |
| Speaker Level Input    | Yes                 | Yes                      |
| Dimensions (W x D x H) | 145 x 99 x 45mm     | 145 x 99 x 45mm          |

**Speaker**

**KFC-1653MRW**



**KFC-1633MRW**



|                        |              |                   |
|------------------------|--------------|-------------------|
| Size & System          | 16cm 2-Way   | 16cm 2-Way        |
| Peak Input Power       | 150W         | 100W              |
| RMS Input Power        | 50W          | 20W               |
| Impedance              | 4Ω           | 4Ω                |
| Sensitivity (dB at 1m) | 86dB         | 84dB              |
| Frequency Response     | 60Hz - 20kHz | 65Hz - 20kHz      |
| Woofer Magnet          | Ferrite      | Ferrite           |
| Tweeter                | Diaphragm    | PET Balanced Dome |
|                        | Magnet       | Ferrite           |
| Mounting Depth         | 61.5mm       | 55.9mm            |

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