

KENWOOD



FREEDOM THROUGH INNOVATION

Premium Mobile Entertainment Systems 2020

DMX – Smartphone Centric Receiver (Non DVD)

9 Introducing a Powerful 10.1 inch HD Display

10.1 inch

HD
1280x720
DISPLAY



DMX9720XS

▶ Page 4 - 7



8 Integrated USB Mirroring for both iPhone & Android™, Perfect Connectivity



200mm Wide Panel DMX820WS

▶ Page 5, 10



DMX8020S



7 USB Mirroring for both iPhone & Android™



200mm Wide Panel DMX719WBT

▶ Page 12



DMX7019BT



New 8 inch Capacitive Display with 230mm Panel

8 inch



230mm Wide Panel

DMX820WXS

▶ Page 11

5 Basic Models with Apple CarPlay & Android Auto™



DMX5020S

▶ Page 13

2020

Multimedia Lineup

DDX – AV Receiver (with DVD)

DNX – Built-in Navigation, AV Receiver **GARMIN**

9

Wireless Smartphone Connections



200mm Wide Panel **DDX919WS**



DDX9019S ▶ Page 4, 5, 8



DNX9190S ▶ Page 4, 5, 9



8



DDX8020S



▶ Page 5, 10

5



DNX5180S



▶ Page 5, 9

7



200mm Wide Panel **DDX719WBT**



DDX7019BT



▶ Page 12

1

MPEG4 Playback up to 1920 x 1080p



DMX1025BT

▶ Page 14

4

High-Grade Audio with Bluetooth® Functionality



DDX419BT

▶ Page 13

9

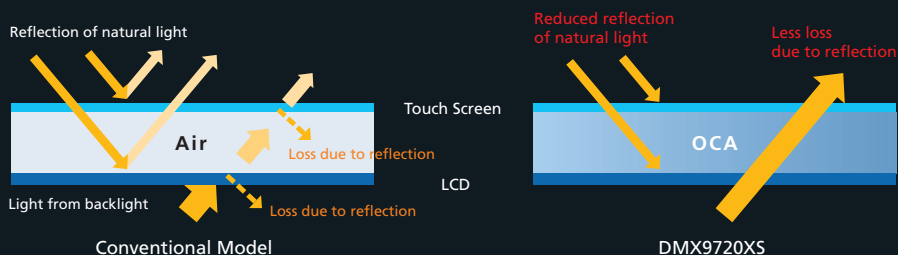
DMX9720XS
DDX919WS / 9019S
DNX9190S



DMX9720XS

Vivid Colors with High Contrast

Optical Clear Adhesive (OCA) is added between the touch screen and the LCD to eliminate the air layer and suppress light reflection and glare. This feature enhances the contrast and brightness and maintains the visibility of the display in various environments.



Introducing a Powerful 10.1 inch HD Display

10.1 inch

DMX9720XS adopts a 10.1 inch HD display providing room for more information that is large and easy to comprehend with just a glance.

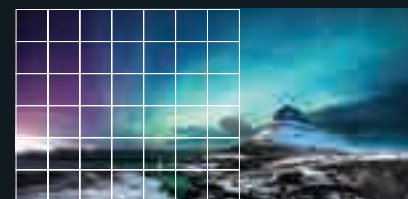


High Definition — Overwhelming Power of Expression —

The KENWOOD 9 series features an electrostatic capacitive touch panel and HD 1280 x 720 pixel LCD panel with high luminance white LED backlight and superior wide viewing angles.

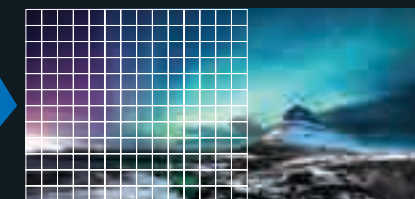


WVGA Display



800 x 480p

HD Display (9 Series)



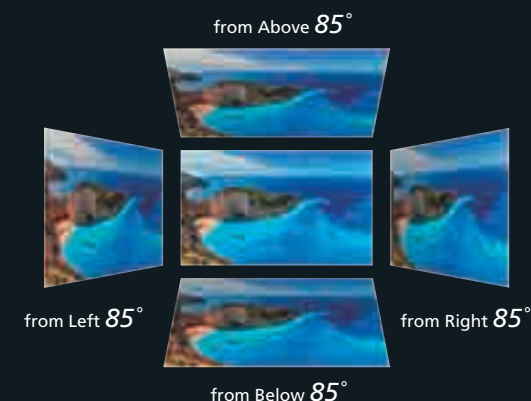
1280 x 720p

2.4x Resolution of the WVGA Display

DDX919WS DDX9019S DNX9190S

Wider Viewing Angle — Beautiful from any seat —

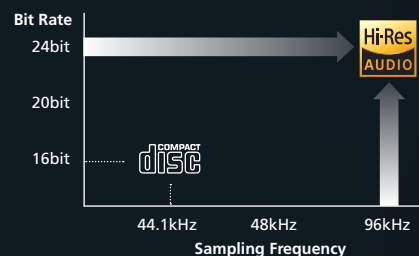
The AAS system LCD panel assures you a wider viewing angle of 170° for both horizontal and vertical direction. Together with the protective film which minimizes reflection and glare from sunlight, you can enjoy clear images even from the passenger or back seats.



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 / 24bit audio files. It captures and beautifully expresses details and nuances from the ultra-high to low frequencies.



DMX9720XS

Hi-Res Audio Wireless

LDAC is an audio compression technology that enables High-Resolution Audio sources to be transmitted via Bluetooth. It is possible to transmit about 3 times the data amount compared to the conventional Bluetooth codec (SBC). High-Resolution Audio sources can be processed without down-converting them to lower frequencies and lower bit counts. With these features, unprecedented, high-quality audio is realized.



Playable Hi-Res Audio Files

Audio Codec	Playable up to
FLAC	192kHz / 24bit
WAV	192kHz / 24bit
DSD (DMX9720XS / DNX5180S only)	11.2MHz / 1bit

Perfect Match

Complete your whole system with KENWOOD

Complete your whole sound system with the X series amplifiers and the speaker KFC-XS1704, which are designed for Hi-Res Audio. You can immerse yourself in a truly authentic listening experience of Hi-Res Audio.

See page 26 to 27 for details.



X802-5

KFC-XS1704

Audiophile Grade Sound Sound Tuning Technology

Time Alignment

13 - Band EQ

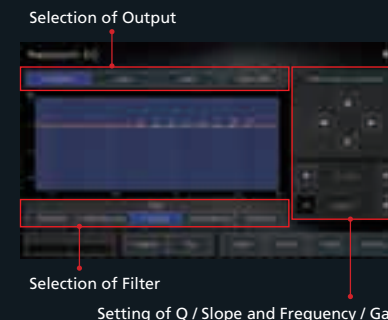
3 - Way X'over Mode

High Voltage 5.0V 3 Preouts (DNX5180S: 4.0V)

DMX9720XS

Parametric Equalizer

You can fine-tune advanced sound properties to achieve professional audio sound quality in your vehicle. It allows you to set parameters of Q factor, slope, frequency and gain at 14 points separately (Common: 9 / Front: 2 / Rear: 2 / Subwoofer: 1). With adjustments such as high and low shelving filters, more realistic sound can be delivered.



DMX9720XS DDX919WS DDX9019S DNX9190S

High Quality Audio Parts

To ensure the best possible sound quality, custom-made and carefully selected parts are used, such as audio quality power supply capacitors, high quality coupling capacitors and cross-shaped panel structures.

DMX9720XS
DDX919WS / 9019S
DNX9190S
DDX8020S
DMX820WS / 8020S
DNX5180S

9

DMX9720XS



Wireless Smartphone Connections

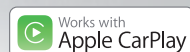
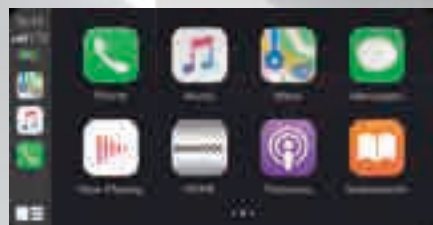


Smartphone Centric (Non DVD)



DMX9720XS

10.1 inch HD Capacitive Display
AV Receiver

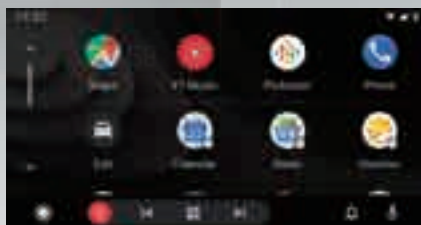


Wireless Apple CarPlay

Apple CarPlay via USB

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. With iOS 12.0 and higher, 3rd party navigation apps like Google Maps™ are also supported. Wireless connection is available on compatible iPhones.

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



android
auto



Android Auto via USB

Android Auto is a simple way to use your Android phone in the car. The KENWOOD receivers combine an intuitive voice controlled interface with a large touch screen and superior sound quality, allowing you to enjoy features including Google Maps and more.

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

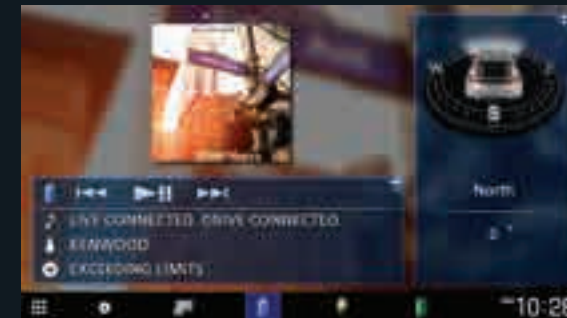


Wireless Mirroring for Android

Wireless Mirroring is a groundbreaking solution for seamlessly displaying and controlling your smartphone apps on the receivers' large screen without cables or even a network connection. The feature is available on compatible Android phones.

Driving Widget Home Screen

The 10.1 inch home screen is composed of Driving Widget as well as Source Control Widget overlayed on the background. You can move the Driving Widget from side to side or enlarge the Source Control Widget to optimize the screen for your intuitive operation. The Driving Widget is selectable from clock, compass, equalizer setting, etc., while the background is selectable from album art, audio visualizer and photo.

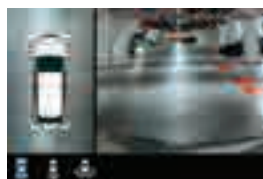




Around View Monitoring Ready

Designed and manufactured by **E-LEAD**

The optional Around View Monitoring System KCA-2020AVM can be connected, assisting you in narrow parking spaces with a 360° bird's-eye view.



AVM



Rear View



Side View



Front View

KCA-2020AVM



CMOS-740HD



HD Rear / Front Camera Input

The optional CMOS-740HD camera can be connected to the rear or front camera inputs of the receiver, displaying the image in true HD 1280 x 720 pixels on the large screen.

See page 22 for details.

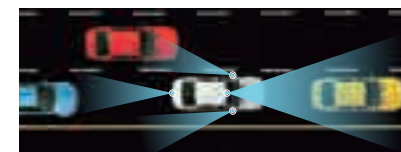
Advanced Camera Solutions

All for your comfort and safety

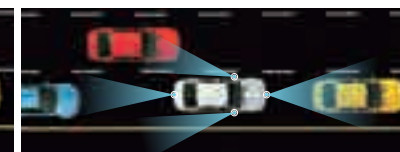
4 Camera Inputs

DMX9720XS features 4 camera inputs which allow for the utmost in convenience, flexibility and safety. You can connect a KENWOOD dash cam (DRV-N520 sold separately) (or a front camera), rear and blind view (left / right) cameras. Setting of camera type and display switching between 4 cameras can be operated easily via the receiver's large screen.

AV input is assignable as 4th camera input.



Dash Cam + Rear Camera + Blind View Cameras

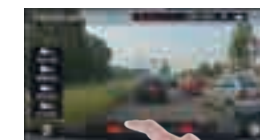


Front & Rear + Blind View Cameras

Dash Cam Link with DRV-N520

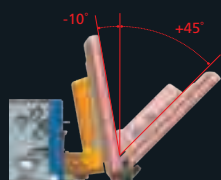
The optional dash cam DRV-N520 connects to DMX9720XS, easily enabling recorded videos to be displayed and operated from the large touch screen. Equipped with simplified ADAS, Advanced Driver Assistance System, and the latest accident avoidance technology.

See page 22 for details.

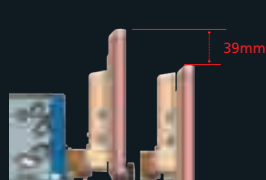


Floating Panel Mechanism with 3-way Position Adjustment

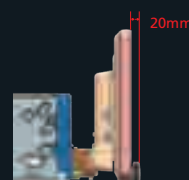
The robust floating mechanism generates less vibration even on a rough road. It can be installed regardless of the size of the cluster panel opening. In addition, it is possible to adjust the position of the display in the following 3 ways, so you can fit a large screen in more vehicles.



Tilt



Up / Down
(fixed by screws)



Forward / Backward
(fixed by screws)



Music Mix – High Quality Audio Streaming x 5 devices

2-Phone Hands Free Calling Ready



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.



Direct OEM Steering Remote Interface

See page 14.

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DDX919WS / 9019S

DNX9190S

200mm Wide Panel

DDX919WS

6.8 inch HD Capacitive Display AV Receiver



DDX9019S

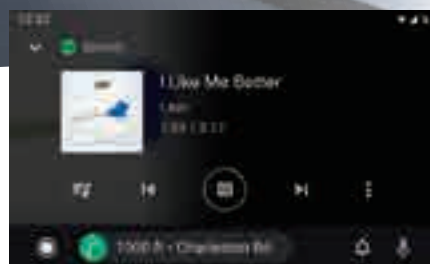
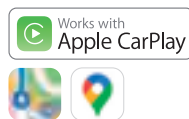
6.8 inch HD Capacitive Display AV Receiver



All in One The Ultimate 3-Way Smartphone Integration



Wireless Apple CarPlay & Apple CarPlay via USB



Android Auto via USB

android auto

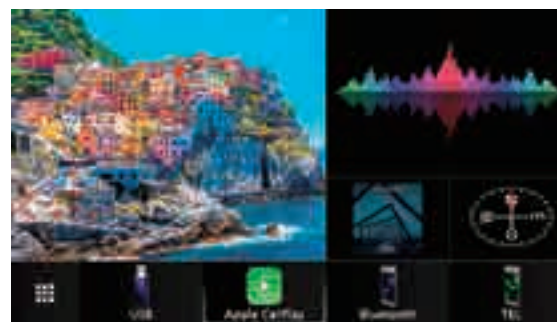
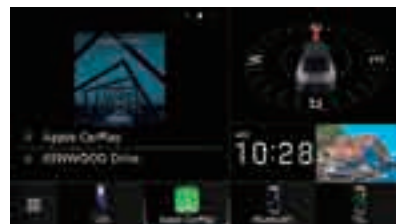
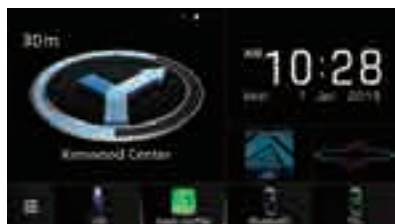


Wireless Mirroring for Android



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 screen with up to 3 widgets.



Music Mix – High Quality Audio Streaming x 5 devices

Up to 5 Bluetooth devices can be paired to the receiver 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.



DNX9190S

6.8 inch HD Capacitive Display
AV Navigation



5

DNX5180S

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



Advanced Camera Solutions

Around View Monitoring Ready

Designed and manufactured by **WHETRON**

The optional High Definition Around View Monitoring System PVM2018HD can be connected. The 360° bird's-eye view will assist you in narrow parking spaces.



AVM

Rear View



PVM2018HD

3 Camera Inputs

In addition to a rear camera and a KENWOOD dash cam (DRV-N520 sold separately) (or a front camera), a blind view (left / right) camera can be connected. It supports rear camera parking guideline.

AV input is assignable as 3rd camera input.



Dash Cam Link with DRV-N520

The optional dash cam DRV-N520 connects to the KENWOOD 9 series receivers, easily enabling recorded videos to be displayed and operated from the large touch screen.

See page 22 for details.



Apple CarPlay via USB

androidauto

Android Auto via USB



2-Phone Hands Free Calling & Audio Streaming



Dash Cam Link with DRV-N520 See page 22 for details.

DDX919WS / DDX9019S / DNX9190S / DNX5180S — COMMON FEATURES



Dual USB Ports

Play your music from one USB port and use the other to change your device.



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.



Direct OEM Steering Remote Interface

See page 14.

8

DDX8020S
DMX820WS / 8020S



200mm Wide Panel

DMX820WS Smartphone Centric (Non DVD)

7.0 inch WVGA Capacitive Display AV Receiver



DDX8020S / DMX8020S Smartphone Centric (Non DVD)

7.0 inch WVGA Clear-coated Resistive Display AV Receiver



Integrated USB Mirroring for both iPhone & Android, Perfect Smartphone Connectivity

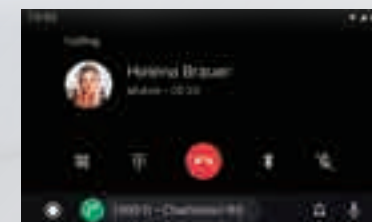
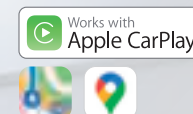


USB Mirroring for both iPhone & Android

USB Mirroring displays your iPhone or Android phone on the large screen of KENWOOD receivers with impressive sound. You can even control your Android phone on the receivers' screen. Just install the free app "Mirroring for KENWOOD" on your smartphone and connect it with the receivers via USB and Bluetooth.



Apple CarPlay via USB



Android Auto via USB

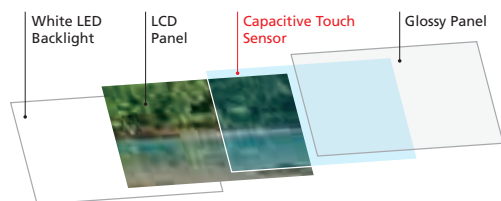
android auto



DDX820WS DMX820WS

Capacitive Display

Full-flat clear glass display with swipe functionality.



Music Mix
— High Quality Audio Streaming x 5 devices
2-Phone Hands Free Calling Ready



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.



Around View Monitoring Ready

The optional Around View Monitoring System KCA-2020AVM can be connected.



AVM Rear View Front View



3 Camera Inputs

for a rear camera, a dash cam DRV-N520 (or a front camera) and a blind view (left / right) camera
AV input is assignable as 3rd camera input.



RGB Navigation Interface

for 3rd party navigation unit



Direct OEM Steering Remote Interface

See page 14.

8

New 8 inch Capacitive Display with 230mm Panel



DMX820WXS



230mm Wide Panel

Smartphone Centric (Non DVD)

DMX820WXS8 inch WVGA Capacitive Display
AV Receiver

Apple CarPlay via USB

androidauto Android Auto via USB

USB Mirroring for Android

Just download the app "Mirroring OA for KENWOOD" on your Android phone and connect it with the receiver via USB and Bluetooth.



Suitable for Selected Toyota Vehicles

Cluster panels to fit Toyota HiLux and Corolla Altis are separately sold.

SK-AP820HI Cluster Panel for DMX820WXS to fit Toyota HiLux (GUN185, 2015 -, Right Handle)

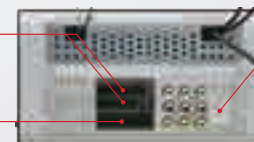
SK-AP820AL Cluster Panel for DMX820WXS to fit Toyota Corolla Altis (E170, 2014 - 2018, Right Handle)

Plug and Play

The rear panel connectors suitable for plug and play connection with selected Toyota vehicles.

Direct Steering
Remote Control
Interface 1 & 2*

Power / Speakers
Connector



FM/AM Antenna
Connector

* 2 types of steering remote control connectors for Toyota vehicles are supported.

Please contact your local KENWOOD dealers for further information about installation and kits necessary for each vehicle model.

Universal Wiring Kit for Non-Toyota Vehicles

CA-AP820UN, the optional wiring kit to install DMX820WXS into non-Toyota vehicles is available.

Toyota 10/6P
to Open End



Toyota 28P
(Remote I/F)
to Open End



Toyota FM/AM
Antenna Terminal
to JASO



Playable Full HD Video Files

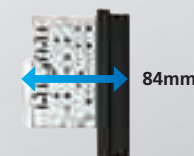
Video Codec	Playable up to	Audio Codec	Playable up to
MPEG4	1920 x 1080p	FLAC	192kHz / 24bit
H.264	1920 x 1080p	WAV	192kHz / 24bit
MKV	1920 x 1080p		
WMV	1920 x 1080p		

USB sources are available on rear monitor via video output.

13-Band Equalizer & Time Alignment



Short Chassis Design



Hands Free Calling
& Audio Streaming



Direct OEM Steering
Remote Interface

See page 14.

7

DDX719WBT / 7019BT
DMX719WBT / 7019BT



200mm Wide Panel

DDX719WBT

DMX719WBT  Smartphone Centric (Non DVD)

7.0 inch WVGA Capacitive Display AV Receiver



DDX7019BT

DMX7019BT  Smartphone Centric (Non DVD)

7.0 inch WVGA Clear-coated Resistive Display AV Receiver



USB Mirroring for both iPhone & Android

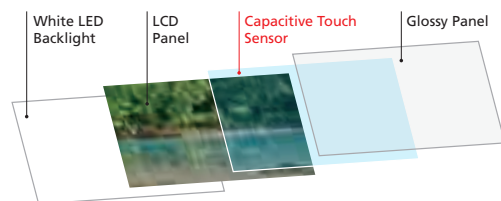
USB Mirroring displays your iPhone or Android phone on the large screen of KENWOOD receivers with impressive sound. You can even control your Android phone on the receivers' screen. Just install the free app "Mirroring for KENWOOD" on your smartphone and connect it with the receivers via USB and Bluetooth.




DDX719WBT DMX719WBT

Capacitive Display

Full-flat clear glass display with swipe functionality.



 **Music Mix — High Quality Audio Streaming x 5 devices**
2-Phone Hands Free Calling Ready



DMX719WBT DMX7019BT

Dual USB Ports






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.

Sound Tuning Technologies

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



Around View Monitoring Ready

The optional Around View Monitoring System KCA-2020AVM can be connected.



Dual Camera Inputs

with parking guide lines



RGB Navigation Interface

for 3rd party navigation unit



Direct OEM Steering Remote Interface

See page 14.

5

DMX5020S



Smartphone Centric (Non DVD)

DMX5020S

6.8 inch WVGA Capacitive Display AV Receiver

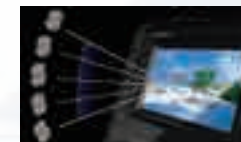
4

DDX419BT



DDX419BT

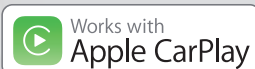
6.2 inch WVGA Clear-coated Resistive Display AV Receiver



High Contrast Display

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

Basic Models with Apple CarPlay & Android Auto via USB



androidauto

USB Mirroring for Android

Just download the app "Mirroring OA for KENWOOD" on your Android phone and connect it with the receiver via USB and Bluetooth.



Playable Full HD Video Files

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.	
WMV	1920 x 1080p		

13-Band Equalizer & Time Alignment



Hands Free Calling & Audio Streaming



Short Chassis Design

Only 75mm of depth for more flexible installation



Direct OEM Steering Remote Interface

See page 14.

High-Grade Audio with Bluetooth Functionality



KENWOOD Remote App Compatible

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



Digital Time Alignment & 13-Band Equalizer

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.



Music Mix — High Quality Audio Streaming x 5 devices

2-Phone Hands Free Calling Ready



Dual Camera Inputs

with parking guidelines



Direct OEM Steering Remote Interface

See page 14.



RGB Navigation Interface

for 3rd party navigation unit



DMX1025BT



Right-Side Key Layout

Smartphone Centric (Non DVD)

DMX1025BT

6.8 inch WVGA Capacitive Display
AV Receiver



MPEG4 Playback 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

USB Mirroring for Android

Display and control your Android phone on a large screen of DMX1025BT with impressive sound quality. Just download the app "Mirroring OB for KENWOOD" on your Android phone and connect it with the receiver via USB and Bluetooth.



Hands Free Calling & Audio Streaming



Dash Cam Link



DMX1025BT can be connected with the optional dash cam DRV-MN1025 with front and rear cameras. Recorded videos can be displayed and operated from the large touchscreen of the receiver.

See page 22 for details.

6.8 inch Capacitive Display

Clear glass display with swipe functionality

Short Chassis Design

75mm



Direct OEM Steering Remote Interface



See below.

Direct OEM Steering Remote Control

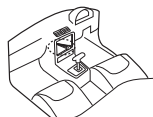
Connector Information for Japanese and Korean Vehicles

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 2 is for Bluetooth connection. 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	

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

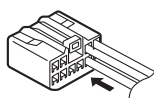
Location of Steering Remote Connector

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



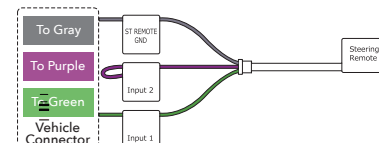
How to view Steering Remote Connector

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





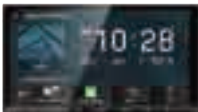



































Steering Remote Cable (included in the unit)

- 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.



SPEC COMPARISON CHART

		DMX9720XS	DDX919WS	DDX9019S	DNX9190S
		 	 		
Built-in Navigation 		—	—	—	Yes
DVD / CD Player		—	Yes	Yes	Yes
Display	Size / Number of Pixels	10.1" / 1280 x 720 	6.8" / 1280 x 720 	6.8" / 1280 x 720 	6.8" / 1280 x 720 
	Touch Panel Type	Capacitive	Capacitive	Capacitive	Capacitive
Smartphone Integration	Built-in Wi-Fi 	Yes	Yes	Yes	Yes
	Apple CarPlay 	Wireless & via USB	Wireless & via USB	Wireless & via USB	Wireless & via USB
	Android Auto 	via USB	via USB	via USB	via USB
	Wireless Mirroring for Android 	Yes	Yes	Yes	Yes
	USB Mirroring 	—	—	—	—
	Bluetooth Hands Free Calling 	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)
	KENWOOD Remote App 	—	—	—	—
Hands Free Microphone		External Microphone	External Microphone	External Microphone	External Microphone
USB Interface	USB Port	x 1	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 / WAV / DSD / MP3 / WMA / AAC	FLAC / WAV / MP3 / WMA / AAC	FLAC / WAV / MP3 / WMA / AAC	FLAC / WAV / MP3 / WMA / AAC
Audio	Hi-Res Audio Wireless  / Hi-Res Audio 	Yes / Yes	— / Yes	— / Yes	— / Yes
	Parametric EQ / Graphic EQ	Yes / 13 Band	— / 13 Band	— / 13 Band	— / 13 Band
	Time Alignment / 3-Way X'Over	Yes / Yes	Yes / Yes	Yes / Yes	Yes / Yes
	Preout	5.0V / 3 Preouts	5.0V / 3 Preouts	5.0V / 3 Preouts	5.0V / 3 Preouts
Peripheral Connectivity	HDMI Input 	Yes	Yes	Yes	Yes
	Around View Monitoring Ready 	Yes (KCA-2020AVM)	Yes (PVM2018HD)	Yes (PVM2018HD)	Yes (PVM2018HD)
	Dash Cam Link 	DRV-N520	DRV-N520	DRV-N520	DRV-N520
	Camera Input / AV Input / Video Output	x 4 ^{*1} / x 1 / x 1 	x 3 ^{*2} / x 1 / x 1 	x 3 ^{*2} / x 1 / x 1 	x 3 ^{*2} / x 1 / x 1 
	HD Camera Input 	Yes (Rear / Front)	—	—	—
	Direct OEM Steering Remote Control 	Yes	Yes	Yes	Yes
	Navigation RGB Input 	—	Yes ^{*3}	Yes ^{*3}	—

*1: AV input is assignable as 4th camera input. *2: AV input is assignable as 3rd camera input. *3: Not available in Indonesia.

SPEC COMPARISON CHART

DMX820WS

DDX8020S

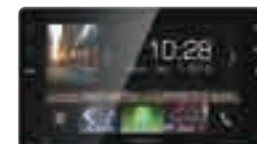
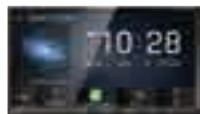
DMX8020S

DMX820WS

DDX719WBT

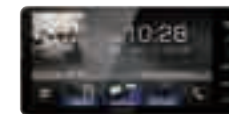


200mm Wide Panel



8 inch

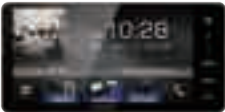
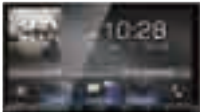
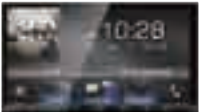

















230mm Wide Panel



200mm Wide Panel

Built-in Navigation		—	—	—	—	—
DVD / CD Player		—	Yes	—	—	Yes
Display	Size / Number of Pixels	7.0" / 800 x 480	7.0" / 800 x 480	7.0" / 800 x 480	8.0" / 800 x 480	7.0" / 800 x 480
	Touch Panel Type	Capacitive	Clear-coated Resistive	Clear-coated Resistive	Capacitive	Capacitive
Smartphone Integration	Built-in Wi-Fi	—	—	—	—	—
	Apple CarPlay	via USB	via USB	via USB	via USB	—
	Android Auto	via USB	via USB	via USB	via USB	—
	Wireless Mirroring for Android	—	—	—	—	—
	USB Mirroring	for iPhone & Android	for iPhone & Android	for iPhone & Android	for Android	for iPhone & Android
	Bluetooth Hands Free Calling	2-Phone Hands Free	2-Phone Hands Free	2-Phone Hands Free	Yes	2-Phone Hands Free
	Bluetooth Audio Streaming	Music Mix (x 5 devices)	Music Mix (x 5 devices)	Music Mix (x 5 devices)	Yes	Music Mix (x 5 devices)
	KENWOOD Remote App	—	—	—	—	—
	Hands Free Microphone	External Microphone	External Microphone	External Microphone	External Microphone	External Microphone
USB Interface	USB Port	x 1	x 1	x 1	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, 4 / H.264 / MKV / WMV
	Audio Decoder	FLAC / WAV / MP3 / WMA / AAC	FLAC / WAV / MP3 / WMA / AAC	FLAC / WAV / MP3 / WMA / AAC	FLAC / WAV / MP3 / WMA / AAC	FLAC / WAV / MP3 / WMA / AAC
Audio	Hi-Res Audio Wireless / Hi-Res Audio	— / Yes	— / Yes	— / Yes	— / —	— / —
	Parametric EQ / Graphic EQ	— / 13 Band	— / 13 Band	— / 13 Band	— / 13 Band	— / 13 Band
	Time Alignment / 3-Way X'Over	Yes / Yes	Yes / Yes	Yes / Yes	Yes / —	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	HDMI Input	—	—	—	—	—
	Around View Monitoring Ready	Yes (KCA-2020AVM)	Yes (KCA-2020AVM)	Yes (KCA-2020AVM)	—	Yes (KCA-2020AVM)
	Dash Cam Link	—	—	—	—	—
	Camera Input / AV Input / Video Output	x 3 ² / x 1 / x 1	x 3 ² / x 1 / x 1	x 3 ² / x 1 / x 1	x 1 / x 1 / x 1	x 2 / x 1 / x 1
	HD Camera Input	—	—	—	—	—
	Direct OEM Steering Remote Control	Yes	Yes	Yes	Yes	Yes
	Navigation RGB Input	Yes	Yes	Yes	—	Yes ³

*2: AV input is assignable as 3rd camera input. *3: Not available in Indonesia.

DMX719WBT	DDX7019BT	DMX7019BT	DNX5180S	DMX5020S	DDX419BT	DMX1025BT
						
200mm Wide Panel						
—	—	—	Yes	—	—	—
—	Yes	—	Yes	—	Yes	—
7.0" / 800 x 480	7.0" / 800 x 480	7.0" / 800 x 480	6.8" / 800 x 480	6.8" / 800 x 480	6.2" / 800 x 480	6.8" / 800 x 480
Capacitive	Clear-coated Resistive	Clear-coated Resistive	Clear-coated Resistive	Capacitive	Clear-coated Resistive	Capacitive
—	—	—	—	—	—	—
—	—	—	via USB	via USB	—	—
—	—	—	via USB	via USB	—	—
—	—	—	—	—	—	—
for iPhone & Android	for iPhone & Android	for iPhone & Android	—	for Android	—	for Android
2-Phone Hands Free	2-Phone Hands Free	2-Phone Hands Free	2-Phone Hands Free	Yes	2-Phone Hands Free	Yes
Music Mix (x 5 devices)	Music Mix (x 5 devices)	Music Mix (x 5 devices)	Yes	Yes	Music Mix (x 5 devices)	Yes
—	—	—	—	—	Yes	—
External Microphone	Built-in	Built-in	External Microphone	External Microphone	Built-in	External Microphone
x 2 	x 1	x 2 	x 2 	x 1	x 1	x 1
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 	MPEG1, 2 / DivX®	MPEG1, 2, 4 / H.264 / MKV 
FLAC / WAV / MP3 / WMA / AAC	FLAC / WAV / MP3 / WMA / AAC	FLAC / WAV / MP3 / WMA / AAC	FLAC / WAV / DSD / MP3 / WMA / AAC	FLAC / WAV / MP3 / WMA / AAC	FLAC / WAV / MP3 / WMA / AAC	FLAC / WAV / MP3 / WMA / AAC
— / —	— / —	— / —	— / Yes	— / —	— / —	— / —
— / 13 Band	— / 13 Band	— / 13 Band	— / 13 Band	— / 13 Band	— / 13 Band	— / 13 Band
Yes / Yes	Yes / Yes	Yes / Yes	Yes / Yes	Yes / —	Yes / —	Yes / —
4.0V / 3 Preouts	4.0V / 3 Preouts	4.0V / 3 Preouts	4.0V / 3 Preouts	2.0V / 3 Preouts	4.0V / 3 Preouts	2.0V / 3 Preouts
—	—	—	—	—	—	—
Yes (KCA-2020AVM)	Yes (KCA-2020AVM)	Yes (KCA-2020AVM)	—	—	—	—
—	—	—	DRV-N520	—	—	DRV-MN1025
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	x 2 / x 1 / x 1 	x 1 / x 1 / x 1
—	—	—	—	—	—	—
Yes	Yes	Yes	Yes	Yes	Yes	Yes
Yes*3	Yes*3	Yes*3	—	—	Yes*3	—

ALL FOR YOUR SAFETY AND PEACE OF MIND

A Large Selection of KENWOOD Dash Cam & Rear / Front Cameras

Front & Rear Recording Dash Cam with Wireless LAN Capabilities



DRV-A700W DRV-A501W

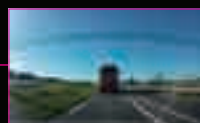
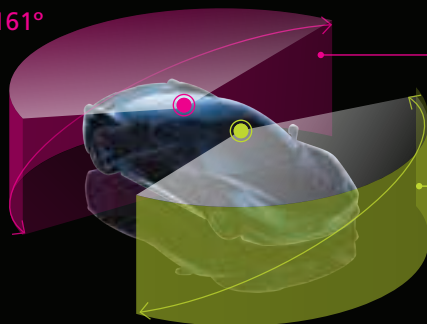
Front & Rear 2 Camera Recording with Ultra-Wide Viewing Angle

Adding the optional rear camera (KCA-R100) to DRV-A700W / A501W gives you the visual awareness needed to help avoid rear-end collisions. With 2 cameras it is possible to record front and rear images simultaneously, covering a wide range in Full HD.

Full HD
1920x1080



Diagonal 161°



Rear (KCA-R100)



Front (DRV-A700W / A501W)

Diagonal
DRV-A700W: 154°
DRV-A501W: 126°

DRV-A700W DRV-A501W

Wide Quad HD Recording — 1.8 times as many pixels as Full HD —

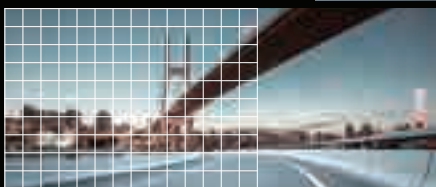
With its 3.7 megapixel CMOS sensor, DRV-A700W / A501W captures Wide Quad HD video at 30fps, 1.8 times as many pixels as Full HD, making super-high resolution recording and replay possible.

*By connecting the optional rear camera (KCA-R100) it is possible to record front and rear directions simultaneously, both in Full HD quality.

Wide Quad HD
2560x1440

Full HD

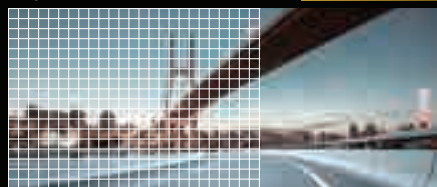
2 Megapixel



1920 x 1080p

WQHD

3.7 Megapixel



2560 x 1440p

DRV-A700W DRV-A501W DRV-A301W

Wireless Smartphone Link (Wireless LAN)

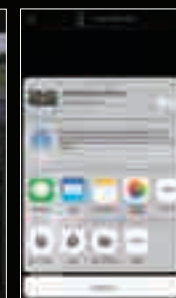
The KENWOOD DASH CAM MANAGER app allows you to easily change the menu settings of your dash cam and browse through recorded videos as well as access the realtime live view from your smartphone in an intuitive way. By downloading the video / photo files into your smartphone, you can even review them while routing on Google Maps with the GPS information such as speed, G-sensor and distance, and edit the videos to share them on social media. Download the app from App Store (iOS) or Google Play (Android) on your smartphone.



Video Playback



GPS Information with Google Maps



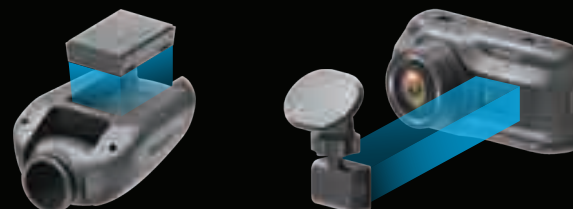
Sharing Videos



DRV-A700W DRV-A501W DRV-A301W

Quick Release Magnetic Mount

The patent-designed magnetic mount, unlike the traditional mounts which use a latching mechanism, allows you to place and remove the device simply and instantly. No cable required to connect or disconnect from the dash cam.



— 2-CAMERA DASH CAM



Accessories: 16GB microSD Card / Polarizer Filter / Cigarette Lighter Adapter Cable / Mount Bracket

3.0 inch Full Color LCD Touch Screen

DRV-A501W

Built-in Wireless LAN, WQHD Dash Cam



DRV-A700W

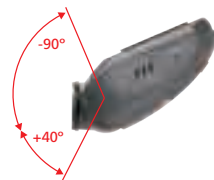
Built-in Wireless LAN, WQHD Dash Cam



Accessories: 16GB microSD Card / Polarizer Filter / Hardwire Kit (CA-DR1030) / Mount Bracket

Adjustable Angle (-90° to +40°)

The Adjustable Angle gives you total flexibility and provides a proper view for various angles of the windshield.



180° Rotational Lens

The 180° Rotational Lens gives you total flexibility and provides a proper view for various angles of the rear window.

KCA-R100

Optional Rear Camera for DRV-A700W / A501W



Accessories: 8m Mini USB Cable

— BUILT-IN WIRELESS LAN DASH CAM



Accessories: 16GB microSD Card / Cigarette Lighter Adapter Cable / Mount Bracket

DRV-A301W

Built-in Wireless LAN, Full HD Dash Cam with 2.7 inch Full Color LCD Screen



LIMITED DISTRIBUTION MODEL



Accessories: Cigarette Lighter Adapter Cable / Mount Bracket

DRV-W440

Built-in Wireless LAN, Full HD Dash Cam with 2.7" Full Color LCD Screen



KENWOOD DASH CAM MANAGER
(DRV-A700W/DRV-A501W/DRV-A301W)



DRV Link (DRV-440W)



Wireless Smartphone Link (Wireless LAN)

The KENWOOD DRV Link app and KENWOOD DASH CAM MANAGER app is an integrated application that allows you to view, share and back up the videos recorded on your dash cam via wireless LAN. Download the app from App Store (iOS) or Google Play (Android) on your smartphone.

COMMON ADVANCED FEATURES

DRV-A700W DRV-A501W

Bright Lens — Industry-leading brightness —

DRV-A501W features the F1.6 lens, which boasts industry-leading brightness, and DRV-A700W features the F1.8 lens. You can record clear images even when driving at night or in tunnels.



DRV-A700W DRV-A501W

Polarizer Filter

— Reduces Front Windscreen Reflection —

DRV-A700W / A501W include a Polarizer Filter. This reduces such things as dashboard reflection on the windscreen, which may appear in certain positions or due to weather conditions, and helps to lessen glare on sunny days, making it possible to record clear outside images.



without Polarizer Filter



with Polarizer Filter

DRV-A700W DRV-A501W DRV-A301W

HDR (High Dynamic Range)

— Reducing “Blown out Highlights” and “Crushed Blacks” —

HDR helps to reduce “blown out highlights” and “crushed blacks” and ensure clear images in challenging environments, including backlit scenes in daylight, streetlight scenes at night and places where light-dark contrast is particularly severe, such as at tunnel entrances/exits.

DRV-A700W / A501W: Front camera switches to WDR (Wide Dynamic Range) when rear camera is connected.



without HDR



with HDR

DRV-A301W DRV-W440

2 Megapixel Full HD Recording

DRV-A301W / W440 capture Full HD video at 30fps, making it possible to record and replay in even greater detail, including vehicle license plate numbers and road signs.



Difficult to see license plate numbers...



...are replayed in great clarity.

DRV-A700W DRV-A501W DRV-A301W DRV-W440

3-axis G Sensor & GPS Receiver

The built-in 3-axis G Sensor with adjustable sensitivity detects an outside force, forcing the device to save what has just been recorded. In addition, the GPS Receiver allows your videos to add location and speed data.

DRV-W440 does not include a built-in GPS receiver.



The 3-axis G Sensor detects an outside force.



DRV-A700W DRV-A501W DRV-A301W DRV-W440

Smart Parking Mode

When your vehicle is parked and turned off, the Smart Parking Mode becomes active. If your vehicle is close to a potential collision or other physical impacts, your dash cam powers on thanks to the built-in G-Sensor and automatically records 30 seconds of video. The optional hardware kit CA-DR1030 (for DRV-A501W / A301W) is required for permanent power.



DRV-A700W DRV-A501W DRV-A301W

Super Capacitor (Backup Battery)

This prevents the video file being recorded from being corrupted if power is lost due to a collision or other physical impacts, as it provides enough power to allow the file to save properly.



DRV-A501W DRV-A301W

2 Ways to Mount

A suction-cup and an adhesive mount are included in the package. The suction mount makes it easier to attach and detach from the windshield while the adhesive mount provides more solid support for the camera.



Suction-cup



Adhesive Mount

HARDWARE KIT FOR SMART PARKING MODE



CA-DR1030

Hardware Kit for DRV-A501W / A301W

- The 4m long cable can help you to easily tuck and hide the car power cable into the headliner.
- Supplied with 3 types of Amp Fuses for simple connection of power supply.

SPEC COMPARISON CHART

Rear Camera

Wireless LAN (Wireless Smartphone Link) **

Screen

Dash Cam Link

Camera	Image Sensor
	Viewing Angle (Diagonal / Horizontal / Vertical)
	Lens (F-number)
Recording	Recording Resolution
	Frame Rate
	HDR / WDR
	G-sensor / GPS
Other Features	Recording Mode
	Voice Recording (Mic & Speaker)
	Recording Media
	File Format
	Video / Audio / Picture Format
Dimensions (W x H x D) (Main Unit)	Quick Release Magnetic Mount
	Simplified ADAS Function
	Super Capacitor (Backup Battery)
	PC Viewer Software
Weight (Main Unit)	microSD Card
	Polarizer Filter
	Power Cord
	Mount Bracket
Bundled Accessories	Suction-cup
	Adhesive Mount

RECORDING TIMES

		DRV-A700W	DRV-A501W
Recording Quality (at Default Settings)		WQHD (2560 x 1440p)	WQHD (2560 x 1440p)
microSD Card Capacity	4GB	—	—
	8GB	47 min.	47 min.
	16GB	94 min.	94 min.
	32GB	141 min.	141 min.
	64GB	376 min.	376 min.
	128GB	752 min.	752 min.
	256GB	1504 min.	1504 min.

DRV-A700W	DRV-A501W	DRV-A301W	DRV-W440	KCA-R100	DRV-N520	DRV-MN1025
						
 	 	 	 		 	 
KCA-R100 (Optional)	KCA-R100 (Optional)	—	—	—	—	Included
Built-in	Built-in	Built-in	Built-in	—	—	—
—	3.0" Full Color TFT Touch Screen	2.7" Full Color TFT	2.7" Full Color TFT	—	—	—
—	—	—	—	—	Yes (with Compatible KENWOOD AV Receivers)	Yes (with DMX1025BT)
1/2.8 Color CMOS Sensor	1/2.8 Color CMOS Sensor	1/2.8 Color CMOS Sensor	1/2.7 Color CMOS Sensor	1/2.8 Color CMOS Sensor	1/3 Color CMOS Sensor	1/2.8 Color CMOS Sensor
154° / 114° / 82°	126° / 126° / 110°	136° / 115° / 61°	114° / 98° / 52°	161° / 129° / 66°	128° / 117° / 63°	140° / 109° / 58°
F1.8	F1.6	F1.8	F2.0	F2.0	F2.0	F2.0
WQHD (2560 x 1440p) *2 3.7M Pixels	WQHD (2560 x 1440p) *2 3.7M Pixels	Full HD (1920 x 1080p) 2M Pixels	Full HD (1920 x 1080p) 2M Pixels	Full HD (1920 x 1080p) 2M Pixels	2304 x 1296p 3M Pixels	Full HD (1920 x 1080p) 2M Pixels
30fps	30fps	30fps	30fps	30fps	27fps	30fps
HDR	HDR	HDR	WDR	—	HDR	WDR
Yes / Yes	Yes / Yes	Yes / Yes	Yes / —	—	Yes / —	Yes / —
Continuous / Manual / Event / Parking / Still Image	Continuous / Manual / Event / Parking *3 / Still Image	Continuous / Manual / Event / Parking *3 / Still Image	Continuous / Manual / Event / Parking *3 / Still Image	—	Continuous / Manual / Event / Parking / Still Image	Normal / Event / Parking / Still Image
Yes (ON / OFF)	Yes (ON / OFF)	Yes (ON / OFF)	Yes (ON / OFF)	—	Yes (ON / OFF)	Yes (ON / OFF)
microSDXC / SDHC Card 8GB - 256GB, Class10	microSDXC / SDHC Card 8GB - 256GB, Class10	microSDXC / SDHC Card 8GB - 256GB, Class10	4GB - 128GB, Class10 or higher	—	microSDHC Card 8GB - 32GB, Class6 or higher	microSD Card 16GB - 256GB, Class10 or higher
MOV	MOV	MP4	MP4	—	MOV	MP4
H.264 / Linear PCM / JPEG	H.264 / Linear PCM / JPEG	H.264 / Linear PCM / JPEG	H.264 / Linear PCM / JPEG	—	H.264 / Linear PCM / JPEG	H.264 / AAC / JPEG
Yes	Yes	Yes	—	—	—	—
—	—	—	—	—	Yes	—
Built-in	Built-in	Built-in	—	—	Built-in	—
KENWOOD VIDEO PLAYER	KENWOOD VIDEO PLAYER	KENWOOD VIDEO PLAYER	KENWOOD ROUTE WATCHER II	—	KENWOOD DRIVE REVIEWER	—
90 x 61.3 x 39.2mm	106 x 50.5 x 40.5mm	92 x 46 x 37mm	84 x 52 x 31mm	63 x 66 x 36mm	79 x 22 x 48mm	(Front) 54 x 26 x 71mm (Rear) 62 x 42 x 40mm
98g	102g	82g	74g	334g	77g	(Front) 93.3g / (Rear) 58.0g
Yes (16GB)	Yes (16GB)	Yes (16GB)	—	—	Yes (8GB)	—
Yes	Yes	—	—	—	—	—
Hardwire Kit (CA-DR1030)	Cigarette Lighter Adaptor Cable	Cigarette Lighter Adaptor Cable	Cigarette Lighter Adaptor Cable	—	Hardwire Type	Hardwire Type
—	Yes	Yes	—	—	—	—
Yes	Yes	Yes	Yes	Yes	Yes	Yes





*1: The smartphone app "KENWOOD DASH CAM MANAGER" (DRV-A700W / A501W / A301W) or "KENWOOD DRV Link" (DRV-W440) needs to be downloaded from App Store (iOS) or Google Play (Android) on your mobile device.

*2: When connected with the rear camera KCA-R100, recording resolution is Full HD (1920 x 1080p) for both front and rear.

*3: To enable the Parking Mode recording, the optional hardwire kit CA-DR1030 (for DRV-A501W / A301W) needs to be connected to a permanent power supply.

DRV-A301W	DRV-W440	DRV-N520	DRV-MN1025
Full HD (1920 x 1080p)	Full HD (1920 x 1080p)	Full HD (1920 x 1080p)	Full HD (1920 x 1080p)
—	38 min.	—	—
60 min.	79 min.	70 min.	—
120 min.	160 min.	140 min.	60 min.
240 min.	320 min.	280 min.	120 min.
480 min.	640 min.	—	240 min.
960 min.	1280 min.	—	480 min.
1920 min.	—	—	960 min.

The above recording times are the totals (maximums) for continuous recordings, manual recordings, event recordings and parking recordings. The recording times are estimates. They may become shorter depending on the recording scene.

REAR / FRONT CAMERA	CMOS-740HD	CMOS-320	CMOS-230	CMOS-130
				
Image Sensor	1/3.8 Color CMOS Sensor	1/3.6 Color CMOS Sensor	1/3.6 Color CMOS Sensor	1/4 Color CMOS Sensor
Number of Pixels	1.3M pixels	330,000 pixels	330,000 pixels	380,000 pixels
Viewing Angle (Horizontal / Vertical)	180° / 103°	195° / 145°	128° / 103°	129° / 104°
Lens (F-number)	F2.0	F2.0	F2.2	F2.2
Weight (Main Unit)	33.2g	23g	21g	21g

DASH CAM LINK with Compatible KENWOOD AV Receivers

Direct Control from Large Touchscreen

DRV-N520 and DRV-MN1025 connect to compatible KENWOOD AV receivers, easily enabling recorded videos to be displayed and operated from the receiver's large touchscreen.



DRV-MN1025

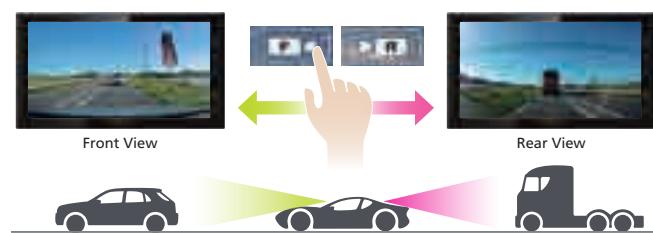
Front & Rear Camera, Full HD Dash Cam (linked with DMX1025BT)



Accessories: Power Cord / Mount Bracket

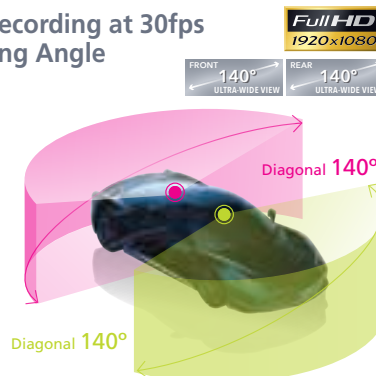
Front & Rear Switchable on a Large Touchscreen

Recorded videos displayed on a large touchscreen of DMX1025BT are switchable between front camera and rear camera by simply selecting icons on the touchscreen.



Front & Rear Full HD Recording at 30fps with Ultra-wide Viewing Angle

With its 2 cameras DRV-MN1025 can record front and rear images simultaneously and in Full HD. Both front and rear cameras also feature a ultra-wide viewing angle lens with a horizontal angle of 109°, vertical angle of 58°, and diagonal angle of 140°, making it possible to capture information at wide ranges without missing anything.



DRV-N520

Full HD Dash Cam with Simplified ADAS



Accessories: 8GB microSD Card / Power Cord / Mount Bracket

Touch Control

DRV-N520 connects to compatible KENWOOD AV receivers, easily enabling recorded videos to be displayed and operated from the receiver's large touchscreen.



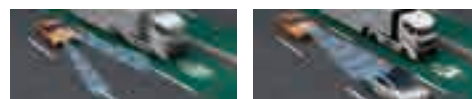
3 Megapixel Recording (2304 x 1296p)

DRV-N520 provides higher resolution than Full HD (1920 x 1080p).

Simplified ADAS Functionality

Equipped with Simplified ADAS, Advanced Driver Assistance System, the latest accident avoidance sensor technology.

*The ADAS function is for providing driving support to drivers and not for preventing accidents. It does not provide notifications of all hazards.



Lane Departure Warning

Forward Collision Warning

HDR (High Dynamic Range)

— Reducing “Blown out Highlights” and “Crushed Blacks” —



REAR / FRONT CAMERA



HD Rear Camera Realizing High-Definition Imaging

The 180° horizontal wide-angle image is displayed on the receiver in HD image quality. With this camera, you can park safely with an easy view of the rear. CMOS-740HD can be connected to DMX9720XS. Thanks to HD-TVI technology, HD videos can be transmitted and displayed on the HD display of the receivers using an analog RCA cable.



WVGA Camera

CMOS-740HD

HDR (High Dynamic Range)

— Reducing “Blown out Highlights” and “Crushed Blacks” —

HDR helps to reduce “blown out highlights” and “crushed blacks” and ensure clear images in challenging environments, including backlit scenes in daylight, streetlight scenes at night and places where light-dark contrast is particularly severe.



Conventional Camera

CMOS-740HD

Protection Against Both Dust and Water

Rest assured with the IP67 certified protection that allows the camera to be installed safely outside of the vehicle, even in wet or dusty environments.

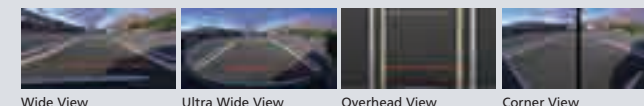


CMOS-320

Multi-view Camera

Display View Switching

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



Wide View

Ultra Wide View

Overhead View

Corner View

New Dual DIN Audio

Distinctive Volume Knob & Flush Surface Panel

— CD RECEIVER



Direct Bluetooth Control



Hands Free Key:
Answering and making a call



Audio Streaming Key:
Entering Bluetooth Audio source

USB / CD Receiver

DPX-5200BT

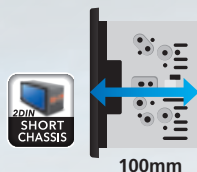
3.5V / 3 Preouts Made for iPhone | iPod



Direct OEM Steering Remote Control
See page 14.

— DIGITAL MEDIA RECEIVER

For Customers who do not play back CDs.



USB Receiver

DPX-M3200BT

2.5V / 2 Preouts Made for iPhone | iPod



Direct OEM Steering Remote Control
See page 14.

Brighter LCD with Sharp Contact

2 low-duty LCD drivers improve LCD performance under whichever lighting condition including direct sunlight. Also, closer gap between LCD and front glass makes the appearance more attractive.



3-Zone Multi-color Illumination



200mm Trim Plate included

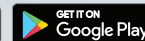


Bluetooth Feature Set



KENWOOD Remote App Compatible

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



Music Mix

— High Quality Audio Streaming x 5 devices

Up to 5 Bluetooth devices can be paired to the receiver 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.



Unique equalizer setting to provide powerful bass

Sound Tuning Technologies



Time Alignment



13 - Band EQ



3 - Way X'over Mode

High Voltage 3.5V 3 Preouts

(DPX-5200BT only)



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.

Bluetooth Audio Signature Panel Design with Direct Control Keys

— CD RECEIVER



USB / CD Receiver
KDC-BT640U
3.5V / 3 Preouts

— DIGITAL MEDIA RECEIVER



USB Receiver
KMM-BT306
3.5V / 3 Preouts

Direct Bluetooth Control



Hands Free Key:
Answering and making a call



Audio Streaming Key:
Entering Bluetooth Audio source

Bluetooth Feature Set



KENWOOD Remote App Compatible

Music Mix — High Quality Audio Streaming x 5 devices

2-Phone Hands Free Calling Ready



Sound Tuning Technologies

Time Alignment

13 - Band EQ

3 - Way X'over Mode

3.5 v 3 Preouts

LINEUP COMPARISON

BLUETOOTH AUDIO	DPX-5200BT	DPX-M3200BT	KDC-BT640U	KMM-BT306
Built-in Bluetooth	2-Phone Hands Free Calling / Music Mix (x 5 devices) / KENWOOD Remote App			
CD Player	Yes	—	Yes	—
USB Port	x 1	x 1	x 1	x 1
Audio Decoder	FLAC / WAV / MP3 / WMA / AAC	FLAC / WAV / MP3 / WMA / AAC	FLAC / WAV / MP3 / WMA / AAC	FLAC / WAV / MP3 / WMA / AAC
Equalizer / Time Alignment / 3-Way X'Over	13 Band / Yes / Yes	13 Band / Yes / Yes	13 Band / Yes / Yes	13 Band / Yes / Yes
EMOTIONAL BASS	Yes	Yes	Yes	Yes
Audio Preout	3.5V / 3 Preouts	2.5V / 2 Preouts	3.5V / 3 Preouts	3.5V / 3 Preouts
Key Illumination / LCD — LED Backlight	(3 Zone)	(3 Zone)		
Direct OEM Steering Remote Control	Yes	Yes	—	—
Remote Control	Included	Optional	Included	Included



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.

Entry-class USB Audio

CD RECEIVER



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



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



Playable USB Files

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

Direct Control

KDC-230UI / 130U

Audio Control Key: Access to sound tuning menu



Color Setting Key: Easy to change illumination color

ACCESSORIES



CAX-HL10QI
Qi Wireless Charging Car Mount

- 15W Fast Charging
- Motorized Clamp & Infrared Sensor Lock
- One-Touch Release
- Ability to unlock / lock while an engine is turned off
- Multiple Mounts Included
(Air Vent Mount / Suction Cup Mount / Dashboard Mounting Plate)

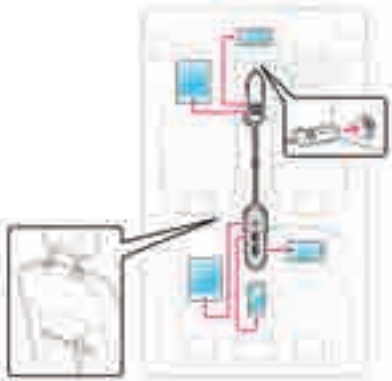


CAX-CH20
USB Car Charger with 5 ports for Front / Rear Seats





- USB Type-A x 4 ports (5V / 2.4A Max)
- USB Type-C x 1 port (5V / 3A Max)
- Work with 12V / 24V
- 1.5m Cable
1.5m cable is available to send the separated charger to rear or back side of front seat.



SPECIFICATIONS	
Input	DC 5V / 3A, 9V / 2A, 12V / 1.5A
Power	15W / 10W / 7.5W / 5W
Dimensions (W x H x D)	69.8 x 123.0 x 65.9mm



SPECIFICATIONS	
Front Output	Total 4.2A Max
	USB Type-A (5V / 2.4A) x 2 ports
Rear Output	Total 6A Max
	USB Type-A (5V / 2.4A) x 2 ports
	USB Type-C (5V / 3A) x 1 port

USB AUDIO	KDC-230UI	KDC-130U
CD Player	Yes	Yes
USB Port	x 1 <small>Made for iPhone iPod</small>	x 1
Audio Decoder	FLAC / WAV / MP3 / WMA	FLAC / WAV / MP3 / WMA
Equalizer / Time Alignment / 3-Way X'Over	3 Band / — / —	3 Band / — / —
Audio Preout	2.5V / 2 Preouts	2.5V / 2 Preouts
Key Illumination / LCD - LED Backlight	 / 	 / 
Remote Control	Included	Included

X Series Flagship, Audiophile Grade.



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 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.

X series ultra-high grade amplifiers and speakers that deliver high density realistic sound and a spatial sound impression. The amplifiers and new 17cm component speaker KFC-XS1704 are precisely designed for High-Resolution Audio.



High-Resolution Audio

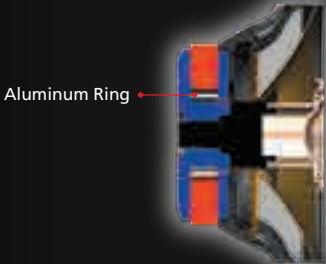
Presence,
sound that reaches out
and speaks to you

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.

AMPLIFIER	XH901-5	XH401-4	X802-5	X302-4	XR601-1	X502-1
Maximum Output Power	1800W	800W	1600W	600W	1200W	1000W
RMS Power at 4Ω	60W x 4ch + 400W	75W x 4ch	50W x 4ch + 300W	50W x 4ch	400W	300W
RMS Power at 2Ω	75W x 4ch + 600W	100W x 4ch	75W x 4ch + 500W	75W x 4ch	600W	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	20Hz - 200Hz
Signal to Noise Ratio	100dB	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.	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	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	220 x 169x 35mm	213 x 149 x 53mm

Magnetic Circuit with Aluminum Ring

The aluminum ring minimizes the unwanted distortion caused by electromagnetic induction of a voice coil, and it ensures a clear sound.



Peak 180W

KFC-XS1704

Hi-Res Audio Certified,
17cm Component Speaker



Phase Correcting Diffuser

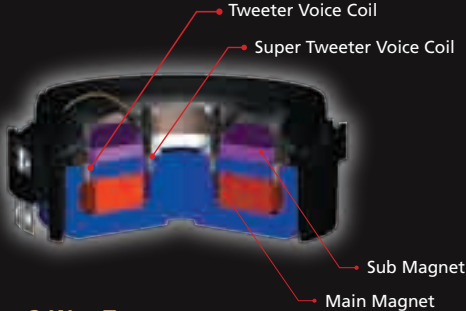
Its specially designed slits correct unwanted phase shift and deliver a more life-like sound experience while the concave shape on the center part of diffuser clearly reproduces a vocal sound image.



High Rigid Glass Fiber Diaphragm

The glass-fiber is a material with high strength and high toughness. The woven glass-fiber diaphragm cleanly provides all the detail and impact you expect.

High-Res Sound Refined Further
with 2-Way Tweeter



2-Way Tweeter

This unique 2-way tweeter creates a wide range of sound as each of the 2 tweeters reproduces a different frequency band delivering clarity and fullness.

Flat Top Titanium Diaphragm

enhances frequency response to over 50kHz resulting in high reproducibility of acoustic space.



SPEAKER	KFC-XS1704	XR-1800P	KFC-X174
			
Size & System	17cm 3-Way Component	18cm 2-Way Component	17cm 2-Way
Peak Input Power	180W	330W	240W
RMS Input Power	45W	110W	80W
Impedance	4Ω	4Ω	4Ω
Sensitivity (dB at 1m)	83dB	86dB	88dB
Frequency Response	34Hz - 56kHz (-10dB)	57Hz - 20kHz	69Hz - 21kHz
Woofer Magnet	Ferrite	Ferrite	Ferrite
Tweeter	Diaphragm	Soft Dome	Soft Dome
	Magnet	Neodymium	Neodymium
Mounting Depth	57mm	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.

High Performance Sound, High Power RMS for Your Vehicle



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.



Diamond Array Pattern Woofer Cone

enhances sound and reduces distortion.

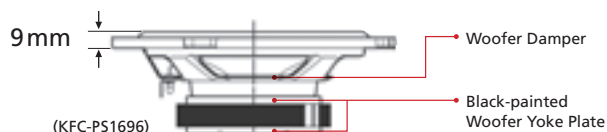


Acoustic Sound Harmonizer

harmonizes different sounds from the woofer and tweeter and reproduces a natural sound.

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.



Peak 400W

KFC-PS170C 17cm Component Speaker



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

SPEAKER	KFC-PS170C	KFC-PS1696
Size & System	17cm 3-Way Component	16cm
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	Balanced Dome
	Magnet	Neodymium
Mounting Depth	56mm	48mm

SUBWOOFER	KFC-PS2517W	KFC-PS2516W
Size	25cm	25cm
Peak Input Power	1300W	1300W
RMS Input Power	400W	300W
Impedance	4Ω	4 Ω2
Sensitivity (dB at 1m)	84dB	81dB
Frequency Response	33Hz - 300Hz	32Hz - 300Hz
Woofer	Diaphragm	PP Cone
	Magnet	Ferrite
Mounting Depth	124mm	116.3mm

Super Bass & Durability



X-Motif Cone with Diamond Array Pattern
controls resonance frequency and eliminates unnecessary high frequency sound to deliver powerful, solid bass.



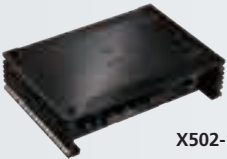
Peak 2000W

KFC-PS2517W

25cm Subwoofer

Perfect Match

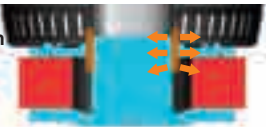
The PS series new subwoofer KFC-PS2517W is precisely power matched with the X series amplifier X502-1.



X502-1

Durability Enhancement

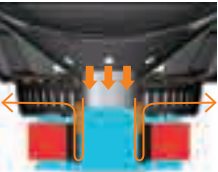
Heat-resistant Aluminum Bobbin
provides higher thermal conductivity.



ø122mm Close Yoke Design
realizes larger magnetic circuit to increase heat radiation.

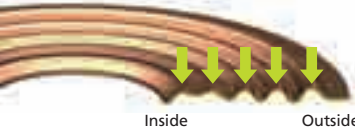


Newly-designed Airflow Control
cools voice coil when air passes through.



➔ Heat Flow

Computer-optimized Dumper
controls stress and increases mechanical durability.



Inside

Outside



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

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.

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

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

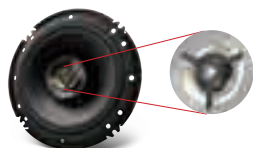


Peak 500W

KFC-S6976EX

6 x 9 inch 3-Way Speaker

Magnet Size: ø90 x t12



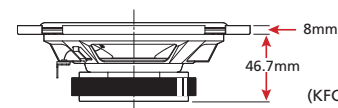
Sound Field Enhancer

Unique shape of the tweeter creates strong frontward sound as well as 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.

(KFC-S1676EX)

SPEAKER	KFC-S1676EX / S1666	KFC-S6976EX	KFC-E715P	KFC-E705P
				
Size & System	16cm / 16cm	6 x 9 inch 3-Way	17cm Component	17cm Component
Peak Input Power	330W / 300W	500W	300W	300W
RMS Input Power	60W / 30W	80W	30W	30W
Impedance	Ω4	4Ω	4Ω	4Ω
Sensitivity (dB at 1m)	87dB / 90dB	87dB	92dB	90dB
Frequency Response	80Hz / 40Hz	44Hz - 18kHz	30Hz - 22kHz	30Hz - 22kHz
Woofer Magnet	Ferrite ø85 x t12 / ø80 x t10	Ferrite ø90 x t12	Ferrite	Ferrite
Tweeter	Diaphragm	Cone (Mid Range)	PEI Balanced Dome	PEI Balanced Dome
	Magnet	Ferrite	Neodymium	Neodymium
Mounting Depth	46.7mm / 43.2mm	79.3mm	44mm	44mm

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

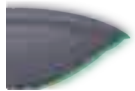
PA-W801B

20cm Powered Subwoofer in Ported Enclosure



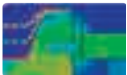
Reinforcing Ribbing (Cone)

adds strength to the cone and minimizes distortion.

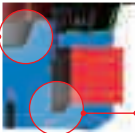


Dual Area Cap

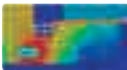
The two curved surfaces suppress deformation of the woofer cap and reproduce solid bass.



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.

Peak 300W

KFC- E715P

17cm Component Speaker

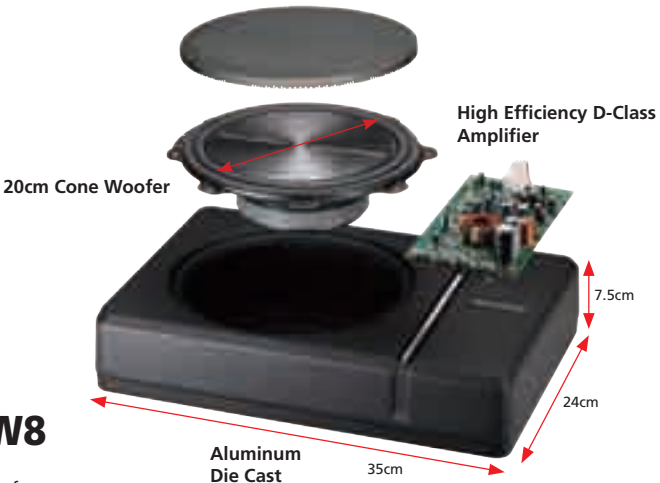
Magnet Size: Ferrite



Peak Input Power 300W
RMS Input Power 30W



Amazing Performance from Compact Box



Max 250W

KSC-PSW8

20cm Compact Powered Subwoofer



Volume Control
Frequency Control
Phase Control

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

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