

# KENWOOD

## DMX-F920DS

### DIGITAL MULTIMEDIA RECEIVER



## Digital Multimedia Receiver with 9.0" HD Display



### 360° Fully Adjustable Floating Mechanism

Floating panel with flexible ball pivot mechanism allows precise and step-less tilt, pan and rotation adjustment within the swivel range. This makes it easy to position the monitor for optimal viewing. Additionally the panel can also be adjusted in height so you can fit the large screen in more vehicles.

Left / Right Motion



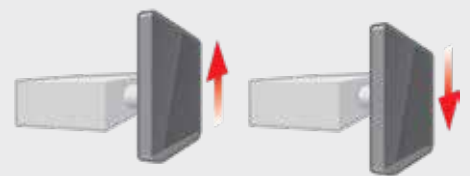
Tilt Motion



Rotation Motion



Up / Down Slide Motion



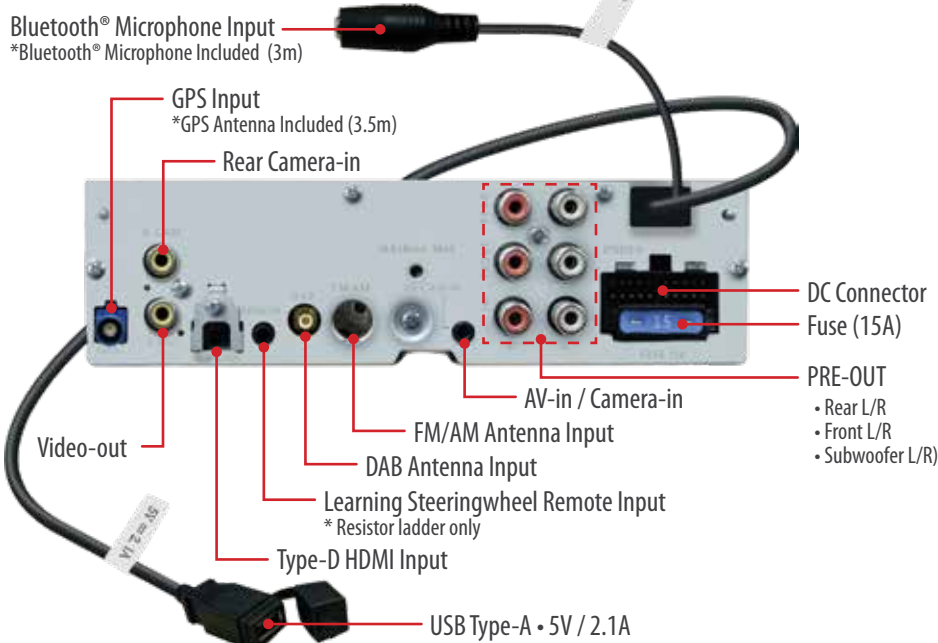
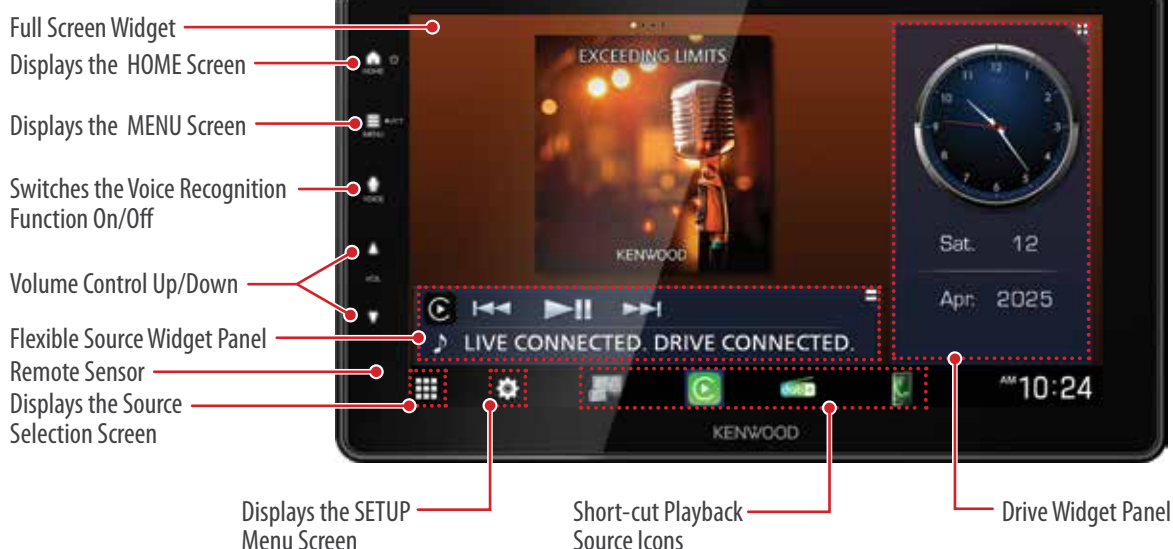
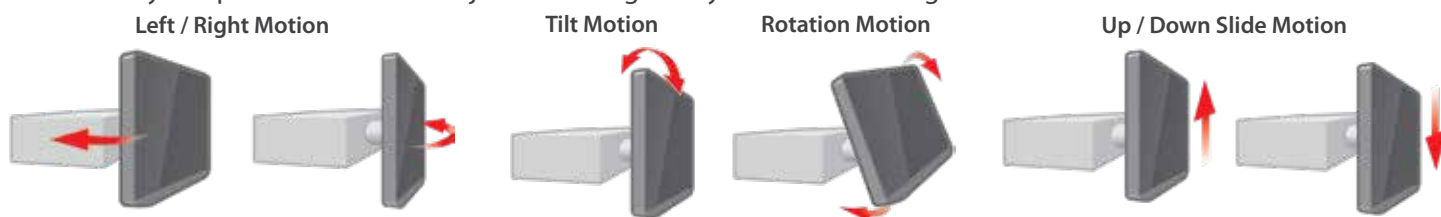
## A Powerful 9.0 Inch High Definition Display

The 9.0 inch High Definition (1280x720p) Display delivers vivid colours with high-contrast and sharpness and provides room for more information that is large and easy to comprehend with just a glance. Featuring an all-new electrostatic capacitive touch panel and HD LCD panel, with a high luminance white LED Backlight.



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## SMARTPHONE CONNECTIVITY

### 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. 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: <https://www.apple.com/ios/carplay/>

### Android Auto™



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. Wireless connection is available on compatible Android phones.



To use Android Auto, you'll need an compatible Android phone with Android 9.0 (Pie) or higher and an active data plan.

### Wireless or Wired Mirroring for Compatible Smartphones.



By installing the "CarbitLink-EasyConnection" app, your mobile phone is seamlessly displayed on the receiver's screen without cable. You can enjoy a variety of apps such as Waze, YouTube™, and Instagram.

\*Selected mobile phones only!



CarbitLink-  
EasyConnection



### HDMI Mirroring for Smartphones.

Display your smartphone screen or other device via an HDMI cable (and third party adapter as applicable) on the 9.0" monitor. KCA-HD200 optional HDMI cable sold separately.



## 2 Camera Inputs.

To enable a smarter driving experience, receivers feature 2 camera inputs\* which allow for the utmost in convenience, flexibility and safety.

\* AV input is assignable as 2nd camera input).



### Parking Guidelines.

The rear view camera input features built-in, adjustable parking guidelines that enhances safety while backing up by monitoring behind your vehicle.



CMOS-230  
(Optional)



### HD Rear Camera Input.

The optional CMOS-740HD camera can be connected to the receiver's rear camera input, displaying the image in true 1280 x 720px High Definition on this receivers. The camera's built in High Dynamic Range technology further helps to overcome the negative effects of dark or bright conditions, making it the safest camera option available.



CMOS-740HD



VWGA Camera



HD Camera

### Playable Video & Audio Files.

You can play back from USB devices audio and video files compressed in various formats.



Audio Format

• FLAC • AAC • WAV • MP3 • WMA • Vorbis



Video Format

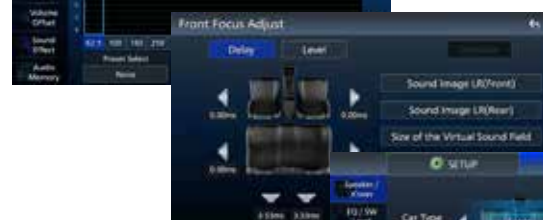
• H.264 • MKV • WMV • MPEG-4 • MPEG-1 • MPEG-2

### Optimal Sound Performance.

Use the graphic equalizer to tailor the sound quality to your unique tastes. Additional sound staging is available with the Time Alignment feature, designed to provide optimal sound performance.



13 Band Graphic EQ



Digital Time  
Alignment

Speaker settings &  
3-Way X-over Mode



### ▼ Monitor features:

- 9.0 Inch High Definition Display (1280x720px.)
- Capacitive Touch Screen with Anti-fingerprint protective film.
- 360° Fully Adjustable Floating Panel Mechanism.
- White key illumination.
- Display 3 mode: Full(Initial) / Auto(Full/Normal/Regular) / Normal.
- Screen Adjust: Noon/night memory, colour (saturation), contrast & backlight.
- Dimmer sensor: Sync by illumination line ➤ Dimmer level: Auto/On/Off.
- NTSC / PAL judge ➤ Display OFF mode ➤ Dummy Power Off.

### ▼ Graphical User Interface (GUI):

- Demonstration Mode (default ON).
- Home screen (4 Top SRC icons) customizable for quick access.
- Wallpaper customizable (Presets x4).
- Text scroll.
- Android Auto Multi Touch Ctrl (Pinch in/out by 2 fingers).
- Rear view camera interrupt with parking guide lines & caution on screen.
- Visual source mode: CarPlay / Android Auto / Mirroring.
- Selection of 13 languages for menu & text:  
English UK(default) English US, Spanish, French, German, Italian, Dutch, Portuguese, Arabic, Greek, Polish, Czech, Hungarian.

### ▼ Wi-Fi features:

- Dual band 2.4GHz/5Ghz.

### ▼ Gyro Sensor:

- Built-in. (for improved location accuracy)

### ▼ FM/AM Tuner features:

- FM / AM Band ➤ Presets: FM 15ch x1 + AM 5ch x1
- RDS ➤ EON ➤ Radio text plus ➤ PTY ➤ Traffic information (RDS).
- Manual/Auto Memory Entry (AME).
- Auto1/Auto2/Manual tuning mode.
- Up/down seek/scan/tuning mode ➤ Local Seek ➤ Station select from list.
- Stereo On/Off mode ➤ IF Filter (Always Auto).

### ▼ DAB+ tuner features:

- DAB / DAB+ tuner built-in ➤ Band III.
- Auto1/Auto2/Manual tuning mode ➤ Presets 15ch x1.
- DAB-DAB/DAB-FM Auto Switch ➤ Seamless DAB-FM blending
- Traffic information ➤ Alphabet/Intelligent/PTY search ➤ ASW select
- DLS (Dynamic label) ➤ Softlink ➤ Slide Show.
- Audio Format: MPEG1 Audio Layer II, MPEG4 HE-AAC-v2

### ▼ Bluetooth features:

- High quality wide-band Hands-free speech (HFP • V1.6).
- 2 phones full time connection ➤ Private mode ➤ Interrupt call request.
- Audio streaming profile (A2DP) with AAC / SBC codec support.
- Audio Video Remote Control profile (AVRCP)
- Phone Book Access Profile (PBAP)
- Phone-book alphabet search (English) and contact photo display.
- Serial Port Profile (SPP) ➤ Secure Simple Pairing(SSP)
- iPhone & Android auto pairing via USB.
- Noise canceller & echo canceller.

### ▼ Supported CODEC's:

- Audio: MP3 / WMA / AAC / WAV / FLAC.
- Video: MPEG1 / MPEG2 / MPEG4 / H.264 / WMV / MKV.

### ▼ USB features:

- USB Type-A (USB2.0 High Speed) ➤ File system: FAT16/32/NTFS/exFAT.
- Tag information display ➤ Album art display ➤ Time code display.
- List access ➤ Category & Link search ➤ Skip ➤ Folder random play.
- Folder/File/All repeat play ➤ Last position/resume play ➤ Drive change.
- Mass storage class ➤ 5.0V / 2.1A Maximum Power Supply (BC 1.2).
- Android / iPhone USB Mirroring with CarbitLink application.

### ▼ Android features:

- Connection via USB / Bluetooth / WiFi.
- Works wired/wireless with Android Auto™.
- Wireless/Wired screen mirroring with CarbitLink-EasyConnection app.
- Android open accessory protocol control for Android Auto.
- Multi-Touch function: Pinch in/out by 2 fingers for AndroidAuto

### ▼ iPhone features:

- Connection via USB / Bluetooth / WiFi.
- Works with Apple CarPlay™ Wireless / Wired ➤ Made for iPhone.
- Wireless/Wired screen mirroring with CarbitLink-EasyConnection app.
- Bluetooth iAP2 (iPhone Accessory Protocol).
- Tag & Album art display ➤ List access ➤ Alphabet, category & link search.
- Random, repeat & skip play ➤ Time code display ➤ Side bar left/right

### ▼ Audio features:

- 50W x 4 Max power output / 22W x 4 RMS ➤ Freq Resp.: 20Hz ~ 20kHz
- Built-in amplifier Off • DSP Volume type ➤ 3 Preouts ➤ Preout Level: 3.0V
- Attenuator (-20dB) ➤ Reverse with Attenuator ➤ Mute ➤ Beep On/Off.

### ▼ Digital Sound Processor (DSP):

- Source DSP memory ➤ Speaker size control ➤ Channel level control.
- 13-Band Graphical Equalizer (Manual/7x preset & 1x User set)
- Position Preset/Room Size Ctrl ➤ Digital Time Alignment (DTA)
- Subwoofer level, Frequency & Phase Ctrl (LPF)
- High Pass Filter / Low Pass Filter ➤ X'over ➤ 3-Way X'over
- Bass Boost & Loudness Ctrl ➤ Tweeter volume Ctrl
- Balance & Fader Ctrl ➤ Volume offset for each source.

### ▼ Connectivity:

- Type-A Rear USB (1m Pig Tail)
- 3 RCA pre-outs (3.0V).
- AV-in 3.5mm jack (switchable: AV-in or 2nd Camera-in (mirror).
- RCA Rear Camera Input (HD camera compatible) ➤ HDMI-in (Type-D)
- AV-out: Video: RCA Audio: No terminal ➤ AV-out available source: USB
- GPS/Glonass, FM/AM & DAB (SMB type) antenna inputs
- 3,5mm Mini-jack learning Steering Remote input (Resistive protocols!).
- DC connector (For you 20pin) New type!
- 3rd Party Wired Steering Remote Interface ready (Metra compatible).
- Power Antenna Ctrl Wire ➤ Power Ctrl (P-Cont.) Wire ➤ Reverse Wire
- Parking Sensor Wire ➤ Illumination/Dimmer Wire.
- 3,5mm Mini-jack, hands-free microphone input.

### ▼ General features:

- Remote Control sensor (Optional controller: KNA-RCDV340).
- 24 clock ➤ Sync from GPS / Daylight Saving Time(manual)
- Gyro Sensor built-in.
- Software update via USB
- E-Mark certification
- Camera input NTSC/PAL auto switch
- Installer & Backup memory.
- Operating Voltage: 8.5 ~ 16.0VDC.
- Maximum Current Consumption: 15 A.
- Dimensions (WxHxD):
  - Main Unit: 178x50x120mm • Display: 240x140x31mm.
- Weight: Main unit: 0.94kg • Display: 0.66kg.

### ▼ Accessories:

- Wiring harness 20-Pin- to ISO-connector (25cm).
- Hands-free microphone (3m).
- GPS antenna (3m).
- Learning steering remote extension cable (25cm).
- Multi-language instruction manuals.
- M5x8mm Truss head screw set (6pcs).
- M5x8mm Flat head screw set (6pcs).