

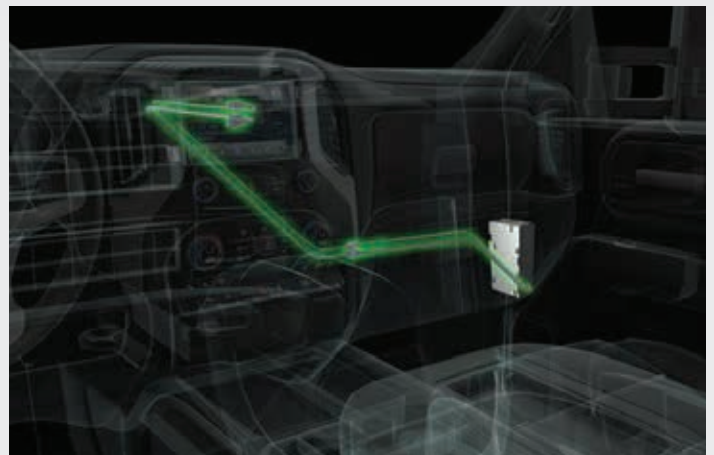
KENWOOD

DMX9724XDS

DIGITAL MULTIMEDIA RECEIVER



Digital Multimedia Receiver with 10.1" Floating HD Display





CAPACITIVE TOUCH PANEL

HD DISPLAY

- High Resolution 1280 x 720pixels
- 24BIT True Colour
- High Viewing Angle 170°
- High Brightness 600cd/m
- High Contrast 900:1

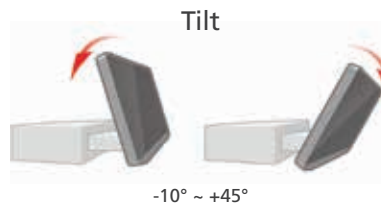
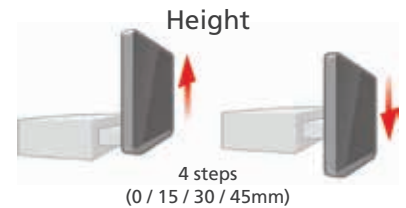
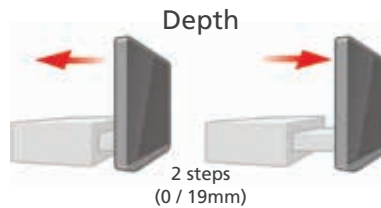
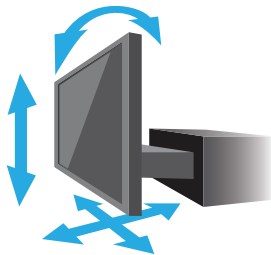


PROTECTIVE FILM

- Anti-Finger Print
- Anti-Reflection
- Anti-Glare
- Anti-Shatter

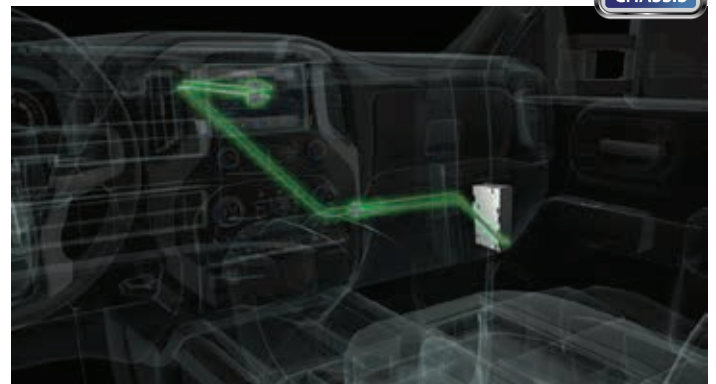
FLOATING PANEL MECHANISM WITH 4-WAY POSITION ADJUSTMENT

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 ways, so you can fit a large screen in more vehicles..



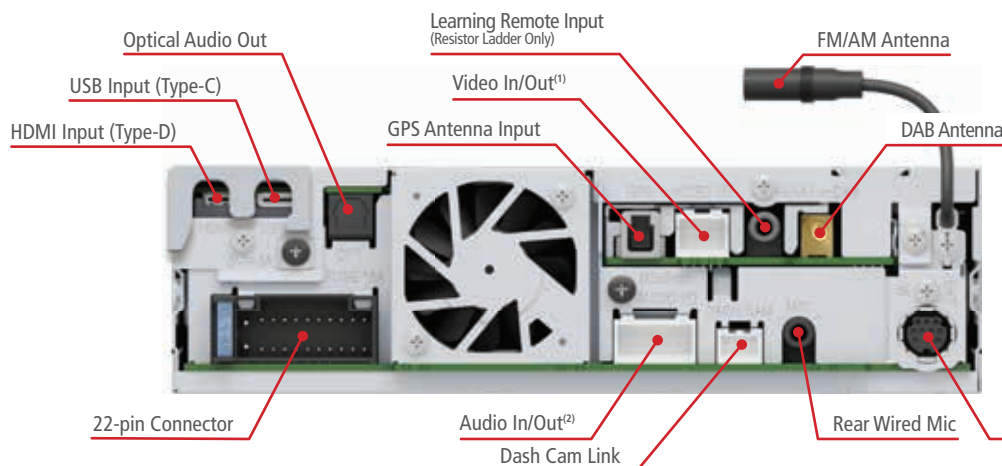
SEPARATED DISPLAY AND CHASSIS

The display and chassis are separated, and the chassis can be placed either vertically or horizontally, allowing for flexible installation in a variety of vehicles.



EXTERNAL CABLE (Sold Separately)

If the cable connecting the Display and Chassis is not long enough, you can solve the problem by connecting a 1.5m extension cable (sold separately).



Video In/Out(1):

- Rear View Camera Input.
- Front View Camera / Dash Cam Input.
- 3rd View Camera Input.
- Video In / 4th Camera Input.
- Video Output.

Audio In/Out(2):

- Front (L/R) Out.
- Rear (L/R) Out.
- Subwoofer (L/R) Out.
- Audio In (AV).

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 Mirroring for Android

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



HDMI MIRRORING SMARTPHONES

Display your smartphone screen or other device via an HDMI cable (and third party adapter as applicable) on the 10.1" monitor. KCA-HD200 optional HDMI cable sold separately.



USB Type-C

USB Type-C cable and USB Type-A adapter are included to the set. Rapidly charge your compatible Android smartphone with the USB port, up to a maximum of 3.0A



Dual Phone Connection

While you are connected through Bluetooth, with a touch of a button you can switch between two phones.



KENWOOD Music Mix

Up to 5 Bluetooth® devices can be connected to the receiver at the same time, allowing you to take turns streaming music with your friends and family.



KENWOOD Remote App S

A smartphone application can control most basic functions of the receiver over the Bluetooth connection of the paired phone (iPhone or Android).



KENWOOD Portal App

Display image files stored in your iPhone or Android on the receiver's photo frame widget and/or wallpaper.



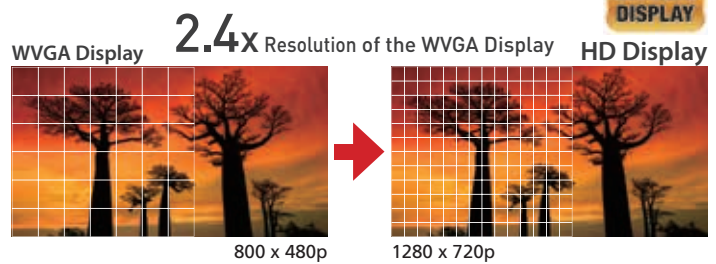
HIGH QUALITY SCREEN

A POWERFULL 10.1 INCH HD DISPLAY

The DMX9724XDS adopts a 10.1 inch HD display providing room for more information that is large and easy to comprehend with just a glance.

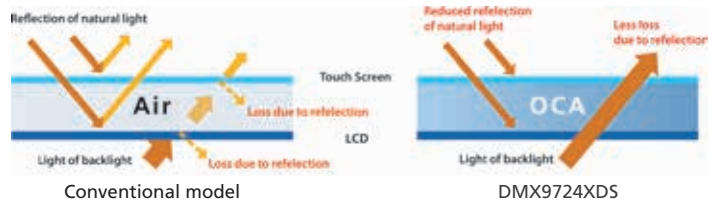


This model features an electrostatic capacitive touch panel and HD 1280 x 720 pixel LCD panel with high luminance white LED backlight and superior wide viewing angles.



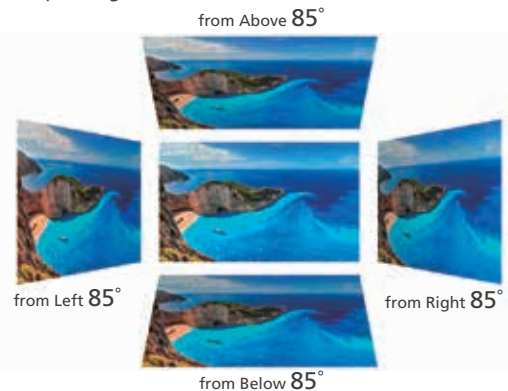
VIVID COLOURS WITH HIGH CONTRAST

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.

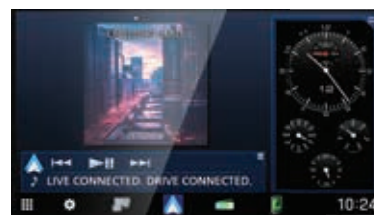


WIDER VIEWING ANGLE — BEAUTIFUL FROM ANY SEAT

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



DRIVING WIDGET HOME SCREEN



The 10.1" home screen is composed of a Driving Widget as well as a Source Control Widget overlaid on the background. You can move the Driving Widget from side to side or enlarge the Source Control Widget to optimize

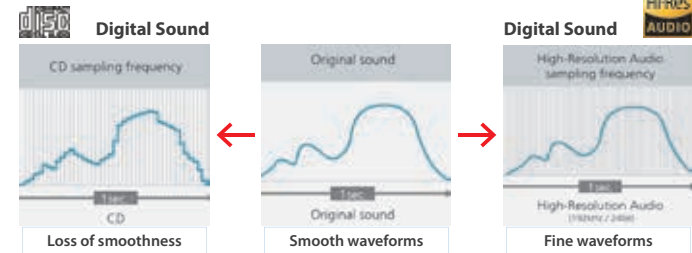
the screen for your intuitive operation. The Driving Widget allows selection of a clock, compass, or equalizer setting, etc., while the background allows selection of album art, audio visualizer, or photo.



PREMIUM SOUND QUALITY

HIGH RESOLUTION AUDIO

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.



Both CD and Hi-Res Audio are digitized versions of the actual sound; Hi-Res Audio is able to digitize and store the sound in more detail than CD, so the waveform of the sound is closer to the original sound. Hi-Res Audio has 6.5 times more information than standard CD quality.

HI-RES AUDIO WIRELESS — SUPPORT FOR LDAC

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 realised.

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.



TOSLINK digital optical output

The DMX9724XDS features an TOSLINK digital optical output using fiber optics to transmit high-quality digital audio signals without interference to another audio component.

HIGH QUALITY AUDIO PARTS

To ensure the best possible sound quality, the receivers use custom-made and carefully selected parts, such as audio quality power supply capacitors, high quality coupling capacitors and cross-shaped panel structures. These parts are further optimized through meticulous tuning of the component values and circuit paths.

PLAYABLE VIDEO & AUDIO FILES

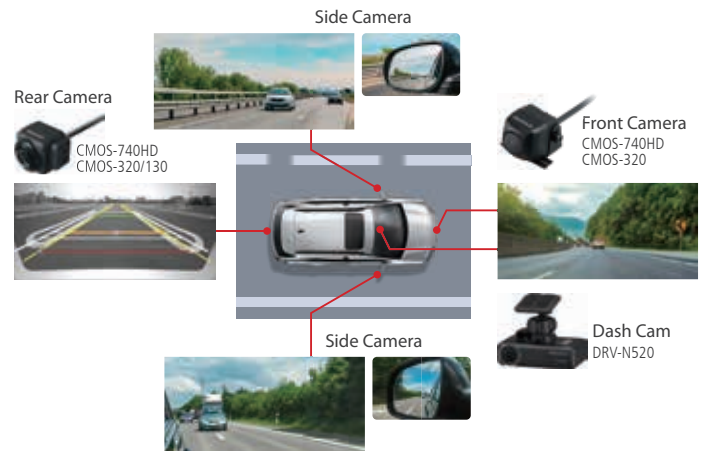
You can play back from USB devices audio and video files compressed in various formats.

- Audio Format**
 - FLAC • AAC • WAV • MP3 • WMA • Vorbis
- Video Format**
 - H.264 • MKV • WMV • MPEG-4 • MPEG-1 • MPEG-2

CAMERA CONNECTIVITY

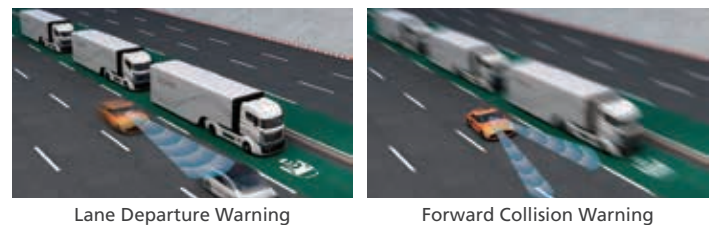
4 CAMERA INPUTS

To enable a smarter driving experience, receivers feature 4 camera inputs* which allow for the utmost in convenience, flexibility and safety. With 4 camera inputs, you can connect a KENWOOD dash cam (or a front camera), rear and blind view (left / right) cameras. Camera switching is available using on screen controls, or automatically for side cameras when an optional interface is connected (supported vehicles only). * AV input is assignable as 4th camera input).



DASH CAM LINK WITH DRV-N520N

Full HD video recording is available with a DRV-N520 compact windshield mount camera that can record every event in front of you while you drive. High Dynamic Range (HDR) allows flawless recording regardless of extreme bright light or very dark conditions. With a built-in gyro sensor, if an accident occurs it will be saved in a separate portion of memory within the 8GB SD card for viewing. Additional safety and warning features can be activated to avoid frontal collisions or remind you if traffic has moved in front of you.



HD FRONT / REAR CAMERA INPUT

The optional CMOS-740HD camera can be connected to the receiver's front or rear camera input, displaying the image in true 1280 x 720 (720P) High Definition on compatible 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 front or rear camera option available.



REAR VIEW CAMERA INPUT WITH PARKING GUIDELINES



An optional rear view camera enhances safety while backing up by monitoring behind your vehicle. Built-in, adjustable parking guidelines further add to its effectiveness.

▼ Monitor features:

- 10.1" High Definition Display with Capacitive Touch Screen.
- Protective Film with Anti-Glare, Anti-Fingerprint and Anti-Reflection.
- Variable colour key illumination. ➤ Display OFF mode.
- Floating Panel Mechanism with 4-way Position Adjustment.
- 3 Display mode: Full(Initial)/Auto(Full/Normal/Regular)/Normal.
- Screen adjustments: Noon/night brightness, tint, colour, contrast, black & backlight.
- Dimmer sensor: Manual/Sync. ➤ Dimmer level: Auto/On/Off. ➤ NTSC/PAL judge.
- Screen viewing angle adjustment to provide the best visibility at any viewing angle.

▼ Graphical User Interface (GUI):

- Driving Widget / Full Screen Widget. ➤ Demonstration Mode (default ON).
- Customizable Home (Top Menu) screen & Top 4 SRC Short cut keys.
- Wallpaper customizable (7 presets: 5x Static, 1x Colour Set and 1x user set).
- Rear view camera interrupt with parking guide lines & caution on screen.
- Visual source mode: Mirroring / CarPlay / Android Auto.
- Photo Slide Show (From Smartphone).
- Selection of 22 languages for menu & text: English UK(default) English US, Spanish, French, German, Italian, Dutch, Russian, Portuguese, Chinese, Thai, Turkish, Arabic, Persian, Hebrew, Greek, Indonesia, Malaysia, Polish, Czech, Hungarian.

▼ Wifi features:

- Dual band 2.4GHz/5GHz ➤ IEEE standard: 802.11 a/b/g/n/ac.
- Channels (Auto): 1 ~11 and 149, 153, 157, 161ch.

▼ Tuner features:

- FM / AM radio ➤ 15x FM and 5x AM Presets (list select).
- RDS (EON, PTY, Radio text plus, Traffic information)
- Manual/Auto memory entry ➤ Auto1/Auto2/Manual tuning (up/down) mode.

▼ DAB+ tuner features:

- DAB+ (Band III) tuner ➤ 15 presets (list select) ➤ Alphabet / Intelligent search.
- DAB-DAB / DAB-FM Auto Switch ➤ Seamless DAB-FM blending.
- Traffic information ➤ PTY search/watch ➤ ASW select ➤ DMB-Audio.
- DLS (Dynamic label) ➤ Slide Show ➤ Softlink.
- Audio Format: MPEG1 Audio Layer II, MPEG4 HE-AAC-v2.

▼ Bluetooth features:

- High quality wide-band Hands-free speech (HFP V1.7).
- Dual phone full time connection ➤ Private mode ➤ Interrupt call request.
- Audio streaming (A2DP) with LDAC / AAC / SBC codec support.
- Music Mix ready (up to 5 BT units).
- Works with 'KENWOOD Remote S' App & 'KENWOOD Portal' App (iOS & Android).
- Music library browsing (AVRCP V1.6). ➤ PBAP Accessible phone book entries.
- Phone book alphabet search (En/Rus/Hebr) & Contact Picture Display.
- Secure Simple Pairing (SSP) & Serial Port Profile (SPP).
- iPhone & Android auto pairing. ➤ Noise canceller & echo canceller.

▼ USB port features:

- Type-C High speed USB port ➤ FAT16/32 NTFS/exFAT.
- 5V/3A or 5V/1.5A BC 1.2 compatible phones.
- Tag information, Album art & Time code display ➤ Category & Link search.
- List access ➤ Folder random play ➤ Folder, File or Repeat All play ➤ Skip.
- Mass storage class ➤ Drive change ➤ Last position/resume play.

▼ Supported CODEC's (USB):

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

▼ Android features:

- Works with Android Auto™ wired / wireless.
- Google Android Auto Split Screen with Native Screen
- Wireless mirroring (Miracast) for Android.
- Android Open Accessory Protocol Control for Android Auto.
- Connectivity: USB / BT / Wi-Fi.

▼ iPod/iPhone features:

- Made for iPhone ➤ Works with Apple CarPlay™ wired or wireless.
- Apple CarPlay Split Screen with Native Screen
- Tag Information & Album Art Display ➤ Time Code Display.
- List Access ➤ Random, Repeat & Skip Play ➤ Alphabet, Category & Link Search.
- iAP2 ➤ Plug & Play ➤ Connectivity: USB / BT / Wi-Fi.

▼ Audio features:

- 50W x 4 Max power output / 22W x 4 RMS.
- 3 RCA high level pre-outs (5,0V).
- ATT (-20dB) ➤ Beep On/Off ➤ Volume offset for each source.
- Digital Audio Output ➤ (Wireless) High-Resolution Audio ➤ High Quality Parts.
- Balance & Fader control ➤ Volume offset for each source.

▼ Digital Sound Processor (DSP):

- Digital Time alignment (DTA): Position control + 4 presets ➤ Position Room Size.
- 13-Band graphic equalizer: 8 presets + 4 user set for each source.
- X'over ➤ 3-Way X'over ➤ High-pass filter ➤ Low-pass filter.
- Speaker size control ➤ Channel level control ➤ Bass Boost & Loudness control.
- Supreme, Space Enhancer, Sound Realizer, loudness, Bass Boost, Stage EQ, Drive EQ & Front Focus.

▼ Connectivity:

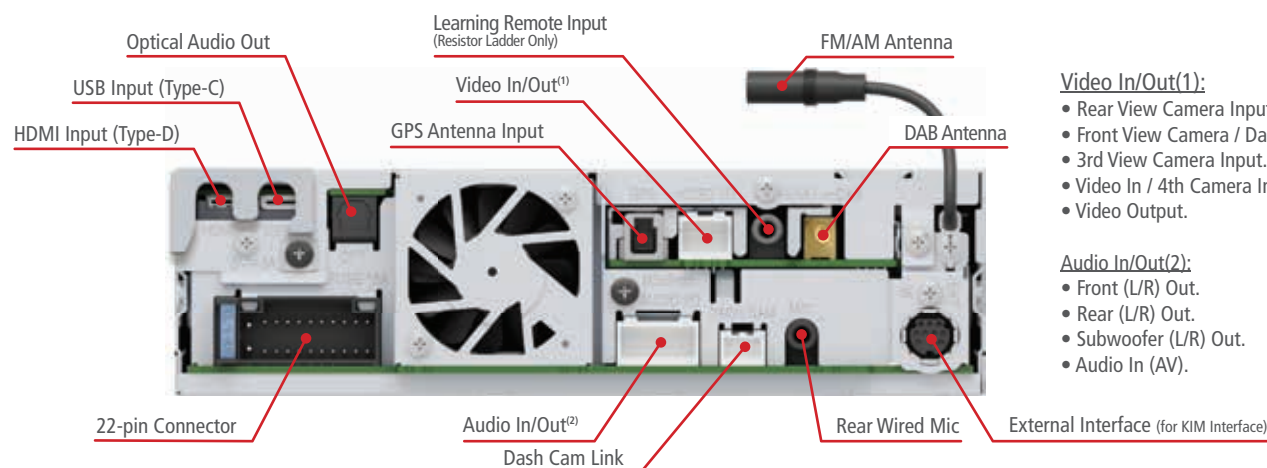
- OEM Display Input/Output. ➤ Wired Steering Remote Interface ready.
- Learning Steering Remote (Resistive protocols only!).
- Video-in (Switchable: 4th Camera-in or Video-in) & Audio-in (L+R) ➤ Video-out.
- Type-D HDMI input ➤ Type-C USB port.
- Rear Camera Input ➤ Front Camera Input with mirror function.
- (Front & Rear Camera input are compatible with optional HD camera CMOS-740HD).
- 3rd Camera Input with mirror function.
- Multi view camera control line in for optional CMOS-320 camera.
- Dash Cam Link for optional DRV-N520 Dashboard Camera.
- 3 Preouts 5.0V.
- TOSLINK digital optical output.
- GPS/Glonass antenna, FM/AM antenna & DAB antenna input (SMB type).
- Microphone input for Hands-free microphone: 3,5mm mini-jack.
- Reverse / Parking brake / Speed pulse sensor wire.

▼ General features:

- Gyro Sensor for Pitch & Roll feature (Horizontal or vertical installation).
- Firmware/software update via USB.
- 12/24hr clock - Manual / GPS-Sync.
- Backup memory.
- Wireless remote controller (KNA-RCDV331 optional).
- Operating Voltage: 12V DC Car Battery.
- Maximum Current Consumption: 15 A..
- Dimensions (W×H×D): • Monitor: 262x181x52mm • Chassis: 178x50x158mm.
- Weight: • Set: 2.5kg • Monitor: 1.1kg • Chassis: 1.3kg

▼ Accessories:

- 22Pin Connector to ISO Connector lead (20cm).
- USB type-C Cable (1m) + USB type-C to type-A adaptor.
- External Hands-free microphone (3.0m cable)
- GPS antenna with mounting plate (3.5m cable).
- Video Wiring harness (20cm).
- Audio Wiring harness (30cm).
- Screw set (4x M4x12mm, 3x Ø3x6mm, 5x M4x8mm).
- Bracket to fix monitor to chassis.
- Power cable for Display (17cm).
- Video cable for Display (16cm).



Video In/Out(1):

- Rear View Camera Input.
- Front View Camera / Dash Cam Input.
- 3rd View Camera Input.
- Video In / 4th Camera Input.
- Video Output.

Audio In/Out(2):

- Front (L/R) Out.
- Rear (L/R) Out.
- Subwoofer (L/R) Out.
- Audio In (AV).