

Key Features

9.0" High Definition screen with high luminance LED backlight and superior wide viewing angles.
360° Fully Adjustable Floating Mechanism
Wired & Wireless CarPlay® & Android Auto™, the ideal way to use your smartphone in the car.
Wired & Wireless Screen Mirroring with CarbitLink-EasyConnection app for IOS & Android
DAB+ Digital radio tuner for noise & interference free, crystal-clear digital stereo sound,
Built-in Bluetooth® Hands-free calling & Audio Streaming.
High Speed USB Type-A terminal for your compatible USB- enabled devices. (2.1A Max)
3 Preouts (3.0V) to customise & upgrade your audio system
13 Band EQ & Digital Time Alignment to optimise the sound performance
Rear View Camera Input with Parking Guidelines, compatible with HD camera
1DIN Short Chassis Design for more flexible installation

General Features

DIN Size	1 DIN
Smooth GUI	Yes
Selectable GUI Background Wallpaper	Yes
Key Illumination	White colour
Attenuator with Smooth Volume Return	Yes
Touch Sensor Tone	Yes
<u>Optional IR remote controller</u>	Yes, (KNA-RCDV331)
Digital Clock (24H)	Yes
<u>Built-in Bluetooth</u>	Yes
<u>DAB Tuner Built-in</u>	Yes
Wifi built-in	Yes
<u>Made for iPhone</u>	Yes
<u>Apple CarPlay – Connect Wirelessly or via USB</u>	Yes
<u>Android Auto™ – Connect Wirelessly or via USB</u>	Yes
Wired & Wireless screen-mirroring for IOS & Android	with CarbitLink-Easy Connection app
<u>Firmware upgradable</u>	Yes
Gyro Sensor Built-in	Yes

Monitor Features

Screen Type	9.0" High-Definition screen
Display Type	Glare
Display Panel	Capacitive
Display film	Anti Fingerprint
<u>High Definition Display</u>	Yes
LCD backlight	White LED
<u>Display Mode</u>	3 Mode (Full(default)/Auto/Normal)
Screen Adjustments	Colour / Contrast / Backlight
<u>Dimmer function</u>	SYNC by Illumination line
Dimmer Level	Auto/On/Off
Visual Source Mode	Mirroring / CarPlay / Android Auto.
Mechanism type	360°Fully Adjustable Floating Mechanism
NTSC/PAL judge	Yes (Auto)
Display Off Mode	Yes

Multimedia GUI Features

OSDC Type	Graphic
Menu text	available languages: ▶ English(UK)(Default) ▶ English(US) ▶ Spanish ▶ French ▶ German ▶ Italian ▶ Dutch ▶ Portuguese ▶ Arabic ▶ Greek ▶ Polish ▶ Czech ▶ Hungarian
Demonstration Mode	Yes
<u>Top Menu Customize</u>	Yes
Opening Screen Type	KENWOOD
Wallpaper customizable	Preset x4

R-CAM interrupt	Yes
<u>R-CAM Parking Guide Lines</u>	Yes, Built-in, customizable

Network & Wifi features

<u>WiFi built-in</u>	built-in
Frequency Range	Dual Band (2.4GHz / 5GHz)
Output Power	5GHz / SISO: 13.78 dBm
<u>Wireless connection for Apple CarPlay</u>	Yes
<u>Wireless connection for Android Auto</u>	Yes
<u>Wireless connection for iPhone & Android Mirroring</u>	with CarbitLink-Easy Connection app

Tuner Features

FM Reception	Yes
<u>AM (MW/LW) Reception</u>	Yes
<u>Tuning mode</u>	Auto1/Auto2/Manual
<u>Up/Down Seek/Scan</u>	Yes
Tuner Presets (FM/AM)	20 Presets (15FM / 5AM)
<u>Automatic Memory Entry (AME)</u>	Yes
<u>Radio Data System</u>	Yes
<u>Radio Text Plus</u>	Yes
Traffic Information	Yes
Local search	Yes
AF Regional	Selectable: AF/AF Reg/OFF
<u>Enhanced Other Networks Function (EON)</u>	Yes
<u>Program Type Function (PTY)</u>	Yes

CE DAB tuner features

<u>DAB+ tuner built-in</u>	Yes
DAB/DAB+ Band	Band III
DAB-DAB/DAB-FM auto switch	Yes

<u>Seamless DAB-FM blending</u>	Yes
Tuning mode / Seek mode	Auto1/Auto2/Manual
Service preset	15 ch * 1 bank presets,
Alphabet Search	Yes
Service list by alphabet order	Yes
Intelligent seek	Yes
Announcement Switching (ASW) Select	Yes
<u>DLS (Dynamic Label)</u>	Yes
PTY (Programme Type) search	Yes
Slide Show	Yes
<u>Soft linking</u>	Yes
Antenna power supply on/off switch	Yes
<u>Digital Radio Certification Mark</u>	Yes

Bluetooth General Features

<u>Hands Free Profile (HPF)</u>	V1.6
<u>2 phones full time connection</u>	Yes
<u>Audio Streaming (A2DP)</u>	Yes, (SBC/AAC)
<u>Serial Port Profile (SPP)</u>	Yes
Simple Secure Pairing (SSP)	Yes
<u>Phonebook Access Profile (PBAP)</u>	Yes
PBAP call history	Up to 20 entries of dialed, received and missed calls
<u>Audio/Video Remote Control Profile (AVRCP)</u>	Yes, V1.5
Wireless Music Browsing (AVRCP)	Yes
Private mode	Yes
Interrupt call request	Yes
Alphabet Search (Phonebook)	Yes
Voice Control	Yes
Noise Canceller	Yes
Echo Canceller	Yes
High-quality noise cancelling microphone	Included (rear wired)
<u>Bluetooth firmware upgradeable</u>	Yes, Included in system updates

Playable Audio File

<u>AAC (*.aac) files are playable</u>	USB
<u>MP3 files are playable</u>	USB
<u>WMA (.wma) files are playable</u>	USB
<u>WAV (.wav) files are playable</u>	USB
<u>FLAC files are playable</u>	USB

CE_Playable Video file

MPEG1/2 files are playable	USB
<u>MPEG4 files are playable</u>	USB
WMV files are playable	USB
<u>H.264 files are playable</u>	USB
<u>mkv files are playable</u>	USB

USB Features

<u>USB Type</u>	Type-A (2.0 High speed)
Yes	
<u>Drive Change</u>	Yes
File System	FAT16 / FAT32 / exFAT / NTFS
Works with Android Auto	Yes
<u>Works with Apple CarPlay</u>	Yes
USB Screen Mirroring	with CarbitLink-Easy Connection app
Tag Information Display	Yes
Album Art Display	Yes
Repeat Play	Folder/File/All
Random play	Folder
<u>Category search</u>	Yes
<u>Link Search</u>	Yes
Last Position Memory / Resume	Yes
Time code display	Yes

USB ports maximum output current	2.1A
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iPhone Features

Connection via:	USB / Bluetooth
Plug & Play	Yes
<u>Made for iPhone</u>	Yes
Tag Information Display	Yes
Time Code Display	Yes
List Access	Yes
Album art support	Yes
Random Play	Yes
Repeat Play	Yes
Skip	Yes
iAP over Bluetooth	Yes
<u>Works with Apple CarPlay</u>	Wired & Wireless

Android Phone Control

Connection via	USB / Bluetooth
<u>Works with Android Auto</u>	Wired & Wireless
<u>Android Open Accessory Protocol</u>	Yes (For Android Auto)

Audio features

Max. Output Power	4 x 50W
Primary Power Output	4 x 22W
<u>Pre-out</u>	3RCA: Front/Rear/Subwoofer
Pre-out Output Level	3V
<u>Volume Offset</u>	Yes
Volume Type	DSP
Built-in Amplifier Off	Yes
Balance/Fader Control	Yes

Beep On/Off	Yes
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Multimedia DSP Features

Position Control	Yes
Position Preset	4 Presets
Graphic Equalizer	13 bands
G-EQ manual setting	Yes
G-EQ adjustable level	Yes, +9db / -9dB
Time Alignment	0 ~ 610cm
HPF Cut Off Frequency	14 steps
HPF Cut Slope Level	4 steps
Low Pass Filter (LPF)	Yes (Non-Fading)
LPF Cut Off Frequency	14 steps
LPF Cut Slope Level	4 steps
X'over	Yes
Speaker Size Control	Yes
Channel Level Control	Yes
Loudness	Yes
Tweeter volume	Yes
Bass Boost	Yes
Source Volume Offset	source independent

Connectivity

DC-Cord	22pin (New Type) to ISO
<u>Reverse sensor wire</u>	Yes
<u>Parking sensor (handbrake) wire</u>	Yes
<u>Power Control (P.CON) wire</u>	Yes
Dimmer control wire	Yes
Preout	2 x RCA (Front/rear) + Sub (mono)
<u>AV-Input (Non Switchable)</u>	(Mini-jack) audio & video
Video Out	RCA x1 (Source: USB)

<u>Rear View Camera Input</u>	Dedicated RCA Video-in
GPS Aerial Input	GPS antenna included
FM Antenna Input	JASO connector
DAB Aerial input	SMB
External microphone input	3,5mm mini-jack
<u>OEM Wired Remote Control ready</u>	Yes, Optional interface needed
<u>Learning Steering Remote Function</u>	Yes

Tuner Specifications

FM range: 87.5Mhz - 108MHz (50Khz step)	Yes
FM Usable Sensitivity	1.8µV/75ohm (S/N 30dBf)
FM Frequency Response	30Hz ~ 14kHz (± 3dB)
FM Signal to noise ratio (Mono)	75dB
FM Stereo Separation (1kHz)	40dB
MW range: 531kHz - 1611kHz (9kHz step)	Yes
MW Usable Sensitivity	29µV

DAB Tuner specifications

Band III - Frequency range	174.928 MHz - 239.2MHz
Mode	Band III
Sensitivity	- 98dBm
Signal to noise ratio	78dB
Audio format	MPEG1 Audio Layer II, MPEG4 HE-AAC V2
Output Voltage	14V (10.5V to 16V allowable)
Maximum Current	< 100 mA

Bluetooth specifications

Technology	Bluetooth V5.3
Frequency	2.402 - 2.48 GHz
Output power	+9 dBm (max), Power Class 1

Maximum range	Line of sight approx. 10 meter
Handsfree profile (HFP)	Yes, V1.7
Serial port profile (SPP)	Yes, V 1.2
Advanced audio distribution profile (A2DP)	Yes, V 1.4
Audio Codec	SBC/AAC
Audio/Video remote control profile (AVRCP)	Yes, V1.6
Phonebook access profile (PBAP)	Yes, V1.2

USB Specifications

USB Version compatibility	USB 2.0 High Speed
File System	FAT 16/32 / exFAT / NTFS
Maximum Supply current	2100mA
D/A Converter	24bit
Video Decoder	MPEG1/2/4, WMV, H.264, mkv
Audio Decoder	MP3, WMA, AAC, WAV, FLAC

Audio Specifications

Maximum Power	50 W x 4
Output Power (DIN45324,+B=14.4v)	22 W x 4
Output frequency band	20 Hz ~ 20 kHz
Preout Level	3000 mV / 10 kOhm,
Preout Impedance	≤ 300 Ohm
Speaker Impedance	4 Ohm ~ 8 Ohm

Video Specifications

Color System of External Video Input	NTSC/PAL
External Video Input Level (RCA)	1 Vpp / 75 Ohm
Video Output Level (RCA)	1 Vpp / 75 Ohm

Monitor Specifications

LCD Type	High Definition screen
Screen size (Diagonal)	9 Inches Wide
Screen Size (WxH)	198.91 x 111.89mm
Display system	Transparent TN LCD Panel
Drive system	TFT Active Matrix System
Number of Pixels	2764800pixels (1280(H) x 720(V) x RGB)
Effective pixels	99.99%
Pixel arrangement	RGB Striped
Back lighting	LED (Light Emitting Diode)

General Specifications

Operating voltage	14.4V (8.5 ~ 16V Allowable)
Maximum Current Consumption	15A
Dimensions Monitor unit (WxHxD)	240 x 140 x 31mm
Weight Monitor unit	0.66 kg
Dimensions chassis Unit (WxHxD)	178 x 50 x 120mm
Weight chassis unit	0.94 kg.
Unit weight in individual package	2.44 kg

Accessories

DC cord (to ISO)	20-pin connector to ISO, 25 cm
Flat Head Screw (M-Type)	M5 x 8mm, 4 pieces
Hex Head Screw (M-Type)	M5 x 8mm, 4 pieces
<u>GPS Antenna Ground Plane Mount (Adhesive Metal Pad)</u>	Yes
Handsfree Microphone	with 3 m cable
Multi-Language Instruction Manual Included	