

Key Features

Large 10.1" High-Definition Monitor with Capacitive Touch Panel
Floating Panel Mechanism with 4-way Position Adjustment
Wired & Wireless CarPlay® & Android Auto™, the ideal way to use your smartphone in the car.
Apple CarPlay® & Android Auto™ – Split Screen Support
Wireless Mirroring for Android
Bluetooth Hands Free & Audio Streaming
DAB+ Digital radio tuner for noise & interference free, crystal-clear digital stereo sound,
HDMI Input & 4 Camera Inputs: HD Front/Rear Camera Ready + DashCam Link Ready
3 RCA high power (5V) pre-outs • Digital Optical Output
DSP for optimal Sound Performance with 13 Band Graphic EQ and Time Alignment
High Quality Audio Parts Supporting High-Resolution Audio Reproduction
Monitor panel and chassis can be separated, allowing flexible installation in a variety of vehicles.

General Features

DIN Size	1 DIN
<u>Modular System</u>	Yes
Security Code Function (user set)	Yes, (4 digits)
Selectable GUI Background Wallpaper	Yes
Key Illumination	Variable colour
<u>Installer Memory</u>	Yes
<u>Back-up Memory</u>	Yes
Attenuator with Smooth Volume Return	Yes
<u>Optional IR remote controller</u>	Yes, KNA-RCDV340
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
<u>Wireless Mirroring for Android</u>	Yes

<u>Firmware upgradable</u>	Yes
<u>HDMI input</u>	for video playback
<u>Dashcam Link</u>	Yes

Monitor Features

Screen Type	10,1" HD
Display film	Anti-Fingerprint / Anti-Reflection / Anti-Glare)
<u>High Definition Display</u>	Yes
<u>Touch Panel</u>	Capacitive
<u>Display Mode</u>	3 Mode (Full(default)/Auto/Normal)
Screen Adjustments	► Noon & Night Memory. ► Brightness. ► Tint. ► Colour. ► Contrast. ► Black Level. ► Backlight.
<u>Dimmer function</u>	Manual/Sync
Dimmer Level	Sync / On / Off
Visual Source Mode	Mirroring / CarPlay / Android Auto.
Mechanism type	Floating panel with 4-way position adjustment
<u>Panel Tilt Adjustment</u>	-10° ~ +45°
<u>Panel Depth Adjustment</u>	2 steps: 0 / 19mm
<u>Panel Height Adjustment</u>	4 steps: 0 / 15 / 30 / 45mm
<u>Panel Left/Right Adjustment</u>	3 steps: -30 / 0 / 30mm
LCD viewing angle control	"0" (Default) / "-1" / "-2" / "-3"
NTSC/PAL judge	Yes (Auto)
Display Off Mode	Yes

Multimedia GUI Features

Menu text	22 languages: ► English(UK)(Default) ► English(US) ► Spanish ► French ► German
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	► Italian ► Dutch ► Russian ► Portuguese ► Chinese (Simplified) ► Chinese (Traditional) ► Thai ► Turkish ► Arabic ► Persian ► Hebrew ► Greek ► Malaysian ► Indonesian ► Polish ► Czech ► Hungarian
Software updates (SoC)	via USB
Graphics Type	Graphics
Spectrum Analyzer	Yes
Demonstration Mode	Yes
<u>Top Menu Customize</u>	Yes
Opening Screen Type	standard
Preset Wallpaper Type	Yes, 5 presets, 1x user, 1x Sync Album Art, 1x color customize.
Wallpaper colour change	Yes
<u>Multi Widgets</u>	Driving Widget / Full Screen Widget
Animation	Yes
R-CAM interrupt	Yes
R-CAM Caution On Screen Display	Yes
<u>R-CAM Parking Guide Lines</u>	Yes
Front view camera mirror	Yes
DashCam Control (DashCam Link)	Yes
Rapid charge indicator	Yes

Network & WiFi features

<u>WiFi built-in</u>	built-in
Frequency Range	Dual Band (2.4GHz / 5GHz)
IEEE standard	802.11a/b/g/n/ac

<u>Wireless connection for Apple CarPlay</u>	Yes
<u>Wireless connection for Android Auto</u>	Yes
<u>Wireless connection for Android Mirroring</u>	Yes

Tuner Features

Tuner Type	Eagle
<u>FM(RDS) + AM(MW/LW) Tuner</u>	Yes
<u>FM Stereo / Mono Selector</u>	Yes
<u>Tuning mode</u>	Auto1/Auto2/Manual
<u>Up/Down Seek/Scan</u>	Yes
Station Select	Manual / Preset (List)
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>Auto TP search</u>	Yes
<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, (Service, Ensemble & Component)
<u>Ensemble seek</u>	Yes
Announcement Switching (ASW) Select	Yes
<u>DLS (Dynamic Label)</u>	Yes
DMB Audio (Digital multimedia broadcasting)	Yes
PTY (Programme Type) search	Yes
PTY (Programme Type) watch	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

Module	Shinwa
<u>Hands Free Profile with High Sound Quality</u>	HFP V1.7
<u>2 phones full time connection</u>	Yes
<u>Audio Streaming (A2DP)</u>	Yes, (LDAC / SBC / AAC)
<u>LDAC - High Resolution Audio Streaming</u>	Yes
Max num. of regist. units for A2DP	5 units
<u>Serial Port Profile (SPP)</u>	Yes
Simple Secure Pairing (SSP)	Yes
<u>Phonebook Access Profile (PBAP)</u>	Yes
<u>Audio/Video Remote Control Profile (AVRCP)</u>	Yes, V1.6
Multi Profile Support	Yes
<u>iPhone & Android automatic pairing via USB</u>	Yes
<u>KENWOOD Remote App Ready</u>	
<u>KENWOOD Portal App Ready</u>	Yes
<u>KENWOOD Music Mix Support</u>	Yes
<u>Catchphone / Call Waiting</u>	Yes
Private mode	Yes
Noise Canceller	Yes
Echo Canceller	Yes

High-quality noise canceling microphone	Included (rear wired)
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Playable Audio File

<u>AAC (*.m4a) files are playable</u>	USB
<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>	1x Type C
USB extension cable supplied	yes, 1m
Yes	
<u>Drive Change</u>	Yes
Works with Android Auto	Yes
<u>Works with Apple CarPlay</u>	Yes
Tag Information Display	Yes
Album Art Display	Yes
Repeat/Scan/Random search	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	5V / 3.0A

iPhone Features

Connection via:	USB / BT / Wifi
Plug & Play	Yes
<u>Made for iPhone</u>	Yes
Tag Information Display	Yes
List Access	Yes
Album art support	Yes
<u>Music library search</u>	Yes
<u>Alphabet search</u>	Yes
<u>Skip search</u>	Yes
Random Play	Yes
Repeat Play	Yes
Skip	Yes
<u>iPod Accessory Protocol (iAP)</u>	iAP2
iAP over Bluetooth	Yes
<u>Works with Apple CarPlay</u>	Wireless or Wired via USB
Reverse browsing	Yes
<u>Voice Control using Siri.</u>	Yes
Bluetooth Auto Paring for iPhone	Yes
Battery charge + power control	Yes
* Always update to latest Apple firmware	

Android Phone Control

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

<u>Kenwood Smartphone Control</u>	Yes
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Audio features

Max. Output Power (MOSFET Power IC)	4 x 50W
Primary Power Output	4 x 22W
<u>Pre-out</u>	3RCA: Front/Rear/Subwoofer
Pre-out Output Level	5V
<u>Volume Offset</u>	Yes
Balance/Fader Control	Yes, (via DSP)
<u>Loudness Control</u>	Yes, By DSP
<u>Bass Boost</u>	Yes, (Via DSP)
Att.(-20dB) with smooth Volume Return	Yes
<u>Equalizer</u>	Yes, 13 Band Graphic EQ
<u>Digital Sound Processor (DSP)</u>	Yes
<u>Digital Time Aligment (DTA)</u>	Yes
Beep On/Off	Yes

Multimedia DSP Features

Car type control	Off / Compact / Sedan / Wagon / Minivan / SUV / Passenger Van
Speaker Size & Location Control	Yes
X'over network	3-Way / 2-way X'over / HPF / LPF
<u>Listening postion control / Time Alignment</u>	Yes
Equalizer type	Graphical
Equalizer	13-Bands
Equalizer presets / User set	8 presets / 4 User set
Balance & Fader Control	Yes
Source Volulme Offset	source independent
Sound Effects	► Bass Boost ► Supreme ► Loudness ► Sound Realizer ► Drive Equalizer

	► Stage EQ ► Space Enhancer
Audio Setup Memory	Yes

Connectivity

USB interface	Rear Side
DC-Cord	20pin (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
<u>2-way (Tel/Navi) mute wire</u>	Yes
Dimmer control wire	Yes
Speed pulse input wire	Yes
Amplifier pre-out	3 x RCA: Front/Rear/Subwoofer
Digital Optical Output	Yes
<u>AV-Input</u>	1x mini-jack (selectable: AV-in / Camera-in)
AV Output	Video: RCA / Audio: mini-jack
Available AV-Out source	AV-in / Off
<u>Camera inputs</u>	up to 4 camera's
<u>Rear View Camera Input</u>	NTSC or HD-TVl input
Front View Camera Input	selectable: Front (NTSC or HD-TVl) or DashCam (NTSC)
<u>Front Camera / DashCam selectable</u>	Yes
<u>HD camera input</u>	Front & Rear camera input are HD Camera ready
<u>HDMI input</u>	Type-D
<u>Dashcam Link</u>	Yes
GPS Aerial Input	GPS antenna included
FM Antenna Input	JASO connector
DAB Aerial input	SMB connector
External microphone input	3,5mm mini-jack
<u>OEM Wired Remote Control ready</u>	Yes, Optional interface needed
<u>OEM Display Control ready</u>	Yes, Optional interface (KIM) needed
<u>Learning Steering Remote Function</u>	Yes
<u>Display input/output control</u>	Yes

Tuner Specifications

FM range: 87.5Mhz - 108MHz (50Khz step)	Yes
FM Usable Sensitivity	0.8µV/75ohm (S/N 30dBf)
FM Quieting Sensitivity	1.6µV/75ohm (S/N 15.2dBf)
FM Frequency Response	30Hz ~ 15kHz (± 3dB)
FM Signal to noise ratio (Mono)	65dB
FM Selectivity(DIN)	over 80dB (±400kHz)
FM Stereo Separation (1kHz)	45dB
MW range: 531kHz - 1611kHz (9kHz step)	Yes
MW Usable Sensitivity	45µV
LW range: 153kHz - 279kHz (9kHz step)	Yes
LW Usable Sensitivity	25µV

DAB Tuner specifications

Band III - Frequency range	174.928 MHz - 239.2MHz
Mode	I, II, III, IV
Sensitivity	- 100dBm
Signal to noise ratio	90dB
Audio format	MPEG1 Audio Layer II, MPEG4 HE-AAC v2
DAB Aerial Connector Type	SMB
Output Voltage	14.4V (11V to 16V allowable)
Maximum Current	< 100 mA

Bluetooth specifications

Technology	Bluetooth V5.0
Frequency	2.402 - 2.48 GHz
Output power	+4dBm(max), power class 2
Maximum range	Line of sight approx. 10 meter
Handsfree profile (HFP)	Yes, V1.7
Serial port profile (SPP)	Yes

Advanced audio distribution profile (A2DP)	Yes
Audio Codec	SBC/AAC/LDAC
Audio/Video remote control profile (AVRCP)	Yes, V1.6
Phonebook access profile (PBAP)	Yes
Multi Profile Support	Yes

USB Specifications

USB Version compatibility	USB 2.0 High Speed
File System	FAT 16/32 / exFAT / NTFS
Maximum Supply current	1500mA
D/A Converter	24/32 bit
Video Decoder	MPEG1/MPEG2/MPEG4/WMV/H.264/MKV
Audio Decoder	MP3/WMA/AAC/WAV/FLAC/Vorbis
S/N Ratio	98.5 dB (1kHz)
Dynamic Range	89dB

Audio Specifications

Maximum Power	50 W x 4
Output Power (DIN45324,+B=14.4v)	22 W x 4
Output frequency band	20 Hz ~ 88 kHz
Preout Level	5000 mV / 1 kOhm,
Preout Impedance	≤ 300 Ohm
Speaker Impedance	4 Ohm ~ 8 Ohm

DSP Specifications

Frequency band	62.5/100/160/ ~ /6.3k/10k/16k Hz
Equalizer Gain	-9db ~ +9db
Time Alignment	0 — 610cm(1 cm step)
Speaker type - Center	▶ NONE ▶ 40mm X 70mm ▶ 5cm

	▶ 10cm ▶ 13cm ▶ 16cm OVER
Speaker type - Front	▶ O.E.M. ▶ 10cm ▶ 13cm ▶ 16cm ▶ 17cm ▶ 18cm ▶ 4" x 6" ▶ 5" x 7" ▶ 6" x 8" ▶ 6" x 9" ▶ 7" x 10"
Speaker type - Rear	▶ NONE ▶ O.E.M ▶ 10cm ▶ 13cm ▶ 16cm ▶ 17cm ▶ 18cm ▶ 4" x 6" ▶ 5" x 7" ▶ 6" x 8" ▶ 6" x 9" ▶ 7" x 10"
Speaker type - Sub woofer	▶ NONE ▶ 16cm ▶ 20cm ▶ 25cm ▶ 30cm ▶ 30cm over
2-Way X'over / Front/Rear (HPF) / Frequency	Through, 30/40/50/ ~ /220/250 Hz
2-Way X'over / Front/Rear (HPF) / Slope	-6/-12/-18/-24 (dB/oct)
2-Way X'over / Subwoofer (LPF) / Frequency	30/40/50/ ~ /220/250 Hz, Through
2-Way X'over / Subwoofer (LPF) / Slope	-6/-12/-18/-24 (dB/oct)
3-Way X'Over / High Pass Filter Frequency	Through, 30/40/50/ ~ /220/250 Hz
3-Way X'Over / High Pass Filter Slope	-12/-18/-24 (dB)
3-Way X'Over / Low Pass Filter Frequency	30/40/50/ ~ /220/250 Hz, Through
3-Way X'Over / Low Pass Filter Slope	-12/-18/-24 (dB/Oct)
Subwoofer Level	-50dB ~ 10dB
Car type control	▶ Off ▶ Compact ▶ Sedan ▶ Wagon ▶ Minivan

	► SUV ► Passenger Van
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Video Specifications

Color System of External Video Input	NTSC/PAL
External video input level (mini-jack)	1 Vpp / 75 Ohm
External audio max. input level (mini-jack)	2 Vpp / 25 kOhm
Video input level (RCA)	1 Vpp, 75 Ohms
Video Output Level (RCA)	1 Vpp / 75 Ohm
Audio Output Level (mini-jack)	0.9 Vpp / 10 kOhm
HDMI - VGA input resolution	640x480p @59.94Hz/60Hz
HDMI - 480p input resolution	720x480p @59.94Hz/60Hz
HDMI - 720p input resolution	1280x720p @59.94Hz/60Hz
HDMI - input Audio type	16/20/24-bit Linear PCM

Monitor Specifications

Screen size (Diagonal)	10.1 Inches Wide
Screen Size (WxH)	223.7 x 125.8mm
Display system	AAS (Azimuthal Anchoring Switch) 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 (11 ~ 16V Allowable)
Dimensions Monitor unit (WxHxD)	262 x 181 x 52mm
Weight Monitor unit	1.1 kg
Dimensions chassis Unit (WxHxD)	178 x 50 x 158mm
Weight chassis unit	1.3 kg.

Weight Chassis + Monitor	2.4 kg.
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Accessories

Bracket	Arm bracket for the monitor unit
DC cord	25 cm
RCA Audio-In/Out Connection Cable	Yes
RCA Video-In/Out Connection Cable	Yes
usb extension cable	Type-C, 1 meter
USB Adaptor	Type-C to Type-A
Screws (Parker-type)	Ø 3 x 6mm, 3 pieces
Pan Head Screw (M-Type)	M4 x 8mm, 8 pieces
Hex Head Screw (M-Type)	M4 x 12mm, 4 pieces
GPS antenna	with 3.5 m cable
<u>GPS Antenna Ground Plane Mount (Adhesive Metal Pad)</u>	Yes
Handsfree Microphone	with 3 m cable
Multi-Language Instruction Manual Included	Quick-Guide + Instruction manual
<u>Manuals Downloadable</u>	Yes