

ANDROID HEAD-UNIT

All new multi-touch in-car multimedia navigation devices from RoyalTek which with 7 or 8 inches display and voice command.

We optimize the Android OS to combine the advantage between Android head unit and mobile phone.

Showing navigated direction and multimedia player on main window at the same time, surfing internet through WiFi and getting access APPs via phone link cable of smart phone.



Best smartphone connectivity

- Using micro USB to HDMI cable
- Power charging simultaneously
- Bluetooth HID touchscreen control of iPhone and Android phone

Voice Recognition

- Input instruction via human voice.
- Provide a safe and convenient interaction with head unit.





In-dash car navigation with multimedia and cloud service

Product Features

System

- ARM 9 based CPU, Android OS
- 7" or 8" 1024x600 multi-touch capacitive high quality screen
- Allow navigation splitscreen mode on the display for all audio sources
- GPS GLONASS dual system
- Support USB/ Micro SD card
- Steering wheel remote control
- Auto backlight dimmer
- Built-in amplifier (22 watts RMS/41 peak x 4 channels)
- Video control function: Brightness/Contrast/Saturation
- Compatible with Android applications

Multimedia

- FM Tuner with DSP
- 24 bit D/A converter
- MP3/ MP4/ DVD/ CD /VCD / CD/ CD-R/ CD-RW compatible
- Audio with Liveliness Enhancement Filter and True 3D sound quality
- Radio with world wide tuner
- AV-IN for external DTV

Built-in

- Built-in Wi-Fi, Tethering by smart phone
- Built-in Bluetooth-enabled for hands-free calling and audio streaming
- Instant link of Bluetooth and WiFi via NFC

Support

- Built-in or external digital TV
- Rearview/Arroundview camera input
- iPod /iPhone music compatible
- AUX-IN support for audio
- RDS/Diversity/TMC as optional

Accessory

USB-HDMI CABLE



HW Specification

CPU	Cortex A9 CPU Core 800MHz
LCD	TFT-LCD 1024 x 600
SDRAM	Mobile DDR 512MB

Built-in Storage	4GB eMMC
Operating Temperature	-20°C~+ 70°C
Storage Temperature	-30°C~+ 80°C

Form Factor	2-DIN
Material	ABS

