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 split screen 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
- 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**

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<tbody>
<tr>
<td><strong>CPU</strong></td>
<td>Cortex A9 CPU Core 800MHz</td>
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<tr>
<td><strong>LCD</strong></td>
<td>TFT-LCD 1024 x 600</td>
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<tr>
<td><strong>SDRAM</strong></td>
<td>Mobile DDR 512MB</td>
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<tr>
<td><strong>Built-in Storage</strong></td>
<td>4GB eMMC</td>
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<tr>
<td><strong>Operating Temperature</strong></td>
<td>-20°C~+ 70°C</td>
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<tr>
<td><strong>Storage Temperature</strong></td>
<td>-30°C~+ 80°C</td>
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**Form Factor** 2-DIN  
**Material** ABS  

4F, No.188 Wen Hwa 2nd Rd., Kuei Shan, Tao Yuan 33383, Taiwan, R.O.C.  
TEL: +886-3-3960001  FAX: +886-3-3270208  
www.royaltek.com