ASUKA Introducing Mobile DVB-T for Your Car GPS Navigation ~ Mikado-200, a Portable Car-use DVB-T Diversity Receiver ~

Model Name: Mikado-200

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In-car GPS navigation has revolutionized our driving habits and methods of going from point A to point B. No more reading paper maps, no more stopping at petro station to ask questions. All the navigation answers are provided by our state-of-the-art in-car GPS navigation systems. However, studies have shown that more that 80% of your drive time does not require GPS navigation because of routine commuting. Consumers are demanding the next level of features and functionality from their GPS navigation systems, and now it has arrived! An after-market, easy to install, Mobile TV system. With mobile TV, a GPS user can get updated news, TV entertainments, live sports, and even favorite drama through the same LCD screen while driving. GPS + mobile TV make travel become more convenient, more effective, and more fun. It extends existing car GPS navigation from an information device to real-time entertainment TV.

ASUKA Semiconductor Inc., the leading ODM supplier in mobile DTV and entertainment, is pleased to announce today an introduction of its newly developed portable car-use DVB-T diversity receiver, “Mikado-200”. Mikado-200, with two separate receiver paths and diversity technique, is a high sensitive, high mobility support, and low power-consumption (2.5W) car-use DVB-T diversity receiver. Sleek and compact (75x135x26 mm and 300g), Mikado-200 is a uniquely-designed DVB-T diversity receiver that is particularly suitable for upgrading car GPS navigators with mobile TV feature. Its small dimension and cigarette-powered features make Mikado-200 an ideal DIY (Do It Yourself) accessory for the burning-hot car GPS market now. Mikado-200 can be easily connected with car navigation to immediately provide DVB-T TV reception functionality. The installation is easy and simple, absolutely no professional installation required.
Features
- Fully ETS 300 744 DVB-T compliance
- Channel bandwidth: DVB-T for 6 MHz, 7 MHz, or 8 MHz
- Reception frequency range: VHF and UHF bands
- Very low power consumption: Typical 2.5 Watt
- Mobility support: greater than 180km/hr (depending on system parameters used by service providers)
- Dimensions: 75 x 135 x 26 mm
- Weight: 300 g
- Support auto scanning, channel review, music channel, teletext, and EPG
- On-screen display control
- Support multiple OSD Languages: English, German, French, Portuguese, Spanish, Italian, Dutch, Traditional Chinese, and more.

Mikado 200
1. Active Antenna
2. External IR Receiver
3. Cigarette Lighter Power Adapter
4. AV Cable
5. GPS or DVD entertainment systems
## General Specifications

### DTV System
- **Transmission Standard**: ETS300 744 DVB-T Compliance
- **Video/Audio decoder**: MPEG II
- **Mobility support**: >180 km/hr, depending on system parameters of service providers

### Antenna type supported
- **Passive antenna**: Support
- **Active antenna**: Support (Typical +5V from RF input connector)

### Tuner input
- **Frequency range**: 145MHz ~ 862 MHz
- **RF input impedance**: 75 Ohm
- **Channel bandwidth**: 6/7/8 MHz
- **RF input connector type**: F connector
- **Input signal range**: -7dBm ~ -90dBm (under 16QAM condition)

### Software features
- **Multi language**: English/ German/ French/ Portuguese/ Spanish/ Dutch/ Italian/ Chinese
- **Auto channel search**: Support
- **EPG**: Support, including Traditional Chinese EPG
- **Preview**: Support
- **Music channel**: Support
- **Teletext**: Support

### Power system
- **Input**: +12V DC ~ +24V DC
- **Output**: (1)+12V/1A, for GPS or DVD players
- **(2)+5V/20mA, for active antenna**
- **Power Consumption**: 2.5 W

### User interface
- **AV output**: One 3.5φAV Jack, CVBS video and stereo sound output
- **Commands Input**: One built-in IR receiver and one external IR input connector
- **Power Indicator**: One green LED

### Dimension
- **L x W x H**: 75 mm x 135 mm x 26 mm
- **Weight**: 300 g
About ASUKA Semiconductor Inc.

ASUKA is located in the renowned Hsinchu Science Park (TAIWAN) since its establishment in the early of 2001 by several engineering professionals. Its main business interests are centered around the concept of "Mobile Entertainment", in which ASUKA intends to bring the contents of digital television and other multimedia sources accessible to users anytime and anywhere. Two main product line-up were developed: (1) Handheld devices for TV reception & multimedia playback (finished products), and (2) high-performance, small-size DTV receiver modules that shall greatly facilitate system houses to combine the DTV functionality with their existing products for higher added value. ASUKA's module products have been successfully used in products such as home TV and many other interesting applications. ASUKA also has been commonly recognized by the industry today as a leading ODM supplier of Handheld DVB-T TV, working closely with a number of brand companies to promote mobile DVB-T products over years. ASUKA serves and aims to be a role as "the Brand behind good Brands" to support our brand partners with high-quality mobile DTV products.

Contact

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