

Mobile DVB-T Tuner DTV 6500

Product Information



- **High Performance mobile DVB-T Tuner**
 - **2 x High Quality Tuner Modules (Diversity)**
 - **Latest Chipset for maximum Demodulation Processing**
 - **Remote Power Supply for Active Antennas (TVA 6500)**
 - **Stand-alone Plug & Play Solution**
 - **Can store up to 200 TV Channels and 200 Radio Stations**
 - **1 x AV Input (RCA/Cinch), e.g. for TV 5200, DV 6200, Game Console etc.**
 - **1 x AV Output (RCA/Cinch) to connect a Monitor (e.g. MM 2700), Multimedia Interface (MI 2X00), Audio or Navigation* System**
 - **Infrared Remote Control with separate Receiver (cable length 5m)**
 - **Recommended Antenna Set TVA 6500**
- * Optional Adaptor Cable CA 1220 required for direct connection to Navigation System; CA 1220 is not compatible with Monitors MM 2100 and MM 2700

Application

With its high reception-performance, the DTV 6500 guarantees mobile digital TV and Radio entertainment even at high driving speeds and areas with non-optimal signal supply.

Brilliant TV Image and Audio

The digital technique guarantees perfect image and audio quality: snow or „ghost pictures“, static noises or other interference are relics of the past.

EPG – Electronic Program Guide

The EPG provides additional information such as content information to the running and future TV-program.*

Enhanced Teletext

Teletext operation without loading times enables quick operation and information.

„Full Frame Freeze“

In case the DVB-T signal becomes too weak, DTV 6500 „freezes“ the last shown image instead of competitor's products, which show disrupted, fragmented images when trying to generate an image out of a weak signal. This „full frame freeze“ can be compared to a DVD-movie, switched to „pause“.

OSD Languages

English, German, French, Chinese

Subtitle and 2 Channel Audio Support

Favourite Lists

The customer can choose his favourite TV and Radio Programs in freely configurable Favourite Lists.

Remote Power Supply for Active Antennas TVA 6500

DTV 6500 has a switchable remote power supply for the active antenna set TVA 6500. This enables signal amplification without additional external power supply of the antennas.

Plug & Play Module

DTV 6500 is an independent module and can be used „stand-alone“ (e.g. with the 7“ Entertainment Monitor) or in combination with Navigation and Multimedia Systems.

Further AV Source connectable

DTV 6500 can handle a 2nd AV source. By connecting i.e. DV 6200 or TV 5200, the DVB-T module can be extended to a Multimedia System.

* Extent depending on the service provided by the local broadcaster.

Mobile DVB-T Tuner DTV 6500

Technical Information



Connectors

- Audio and Video Connector Type: RCA/ Cinch
- Video Output Level $1 \text{ Vpp} \pm 5\%$ at 75 Ohms
- Video Input 1.5 Vpp max. at 75 Ohms
- Audio Input 2 Vrms max. at 10 KOhms Resistance
- Audio Output Level $0.5 \text{ Vrms} \pm 20\%$ at 10 KOhms
- Audio Frequency Range 20 Hz to 20 KHz
- Audio Channel Separation > 65 dB at 1 KHz
- Audio Mode Mono/Stereo/Dual

TV System

- TV System Standard PAL/NTSC
- Aspect Ratio 4:3, 16:9
- DVB-T Compliance ETSI EN 300 744
- Video Decoding MPEG2 (ISO/IEC 13818-2, ML)

COFDM Modulation Handling

- Constellation QPSK, 16QAM, 64QAM
- Transmission Modes 2K & 8K FFT
- Guard Interval 1/4, 1/8, 1/16, 1/32
- Code Rate 1/2, 2/3, 3/4, 5/6, 7/8

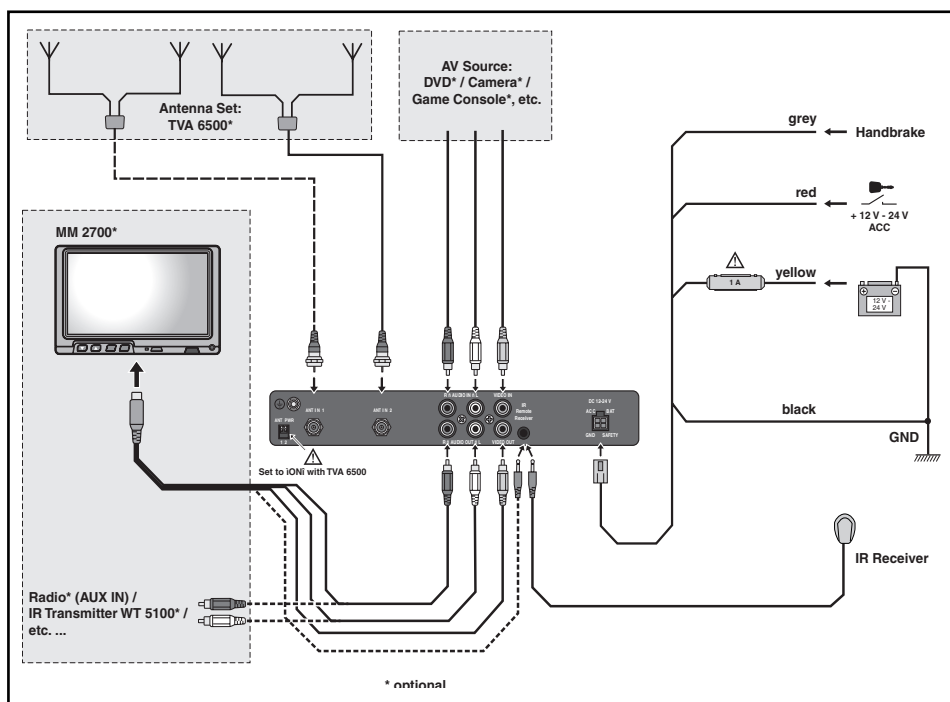
General

- Operating Voltage range: 12 ~ 24 V DC
- Power Consumption: < 1 mA (Stand-By), < 2 A (Operation)
- Operating temperature range: -10 °C ~ +60 °C
- Storage temperature range: -25 °C ~ +85 °C
- Dimensions (w x h x d): 27 x 4 x 16 cm

Reception Parameters

- Frequency Range: 174 MHz to 230 MHz (VHF), 470 MHz to 862 MHz (UHF)
- Channel Bandwidth 8 MHz (standard), 7 MHz (possible)
- Antenna RF Input Impedance 75 Ohms
- Antenna Connector F Type

Connection Example



Package content

- Mounting Brackets and Screws
- 2 stripes of Tape
- Instruction for Use
- Set-top Box
- Power Cable
- Infrared Remote Control
- Infrared receiver

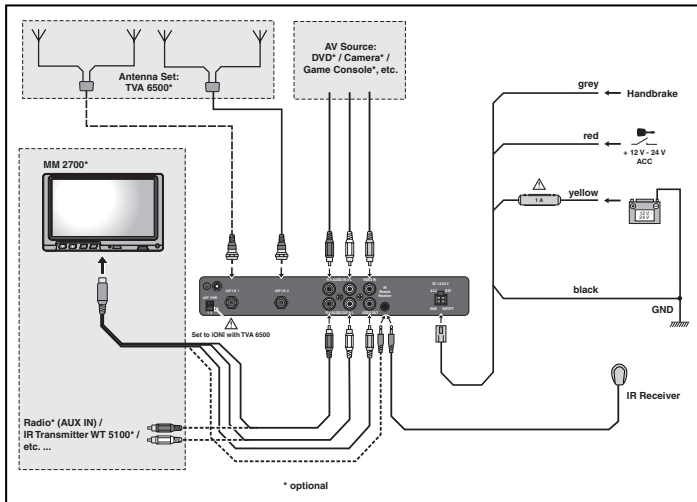
The playback of TV- and/or Radio-Programs is depending on the availability, strength and quality of the broadcasted DVB-T Signal.

www.VDODayton.com



Mobile DVB-T Tuner DTV 6500

Technical Information



Connection Example

Connectors

- Audio and Video Connector Type: RCA/Cinch
- Video Output Level $1 \text{ Vpp} \pm 5\%$ at 75 Ohms
- Video Input 1.5 Vpp max. at 75 Ohms
- Audio Input 2 Vrms max. at 10 KOhms Resistance
- Audio Output Level 0.5 Vrms $\pm 20\%$ at 10 KOhms
- Audio Frequency Range 20 Hz to 20 KHz
- Audio Channel Separation > 65 dB at 1 KHz
- Audio Mode Mono/Stereo/Dual

TV System

- TV System Standard PAL/NTSC
- Aspect Ratio 4:3, 16:9
- DVB-T Compliance ETSI EN 300 744
- Video Decoding MPEG2 (ISO/IEC 13818-2, ML)

COFDM Modulation Handling

- Constellation QPSK, 16QAM, 64QAM
- Transmission Modes 2K & 8K FFT
- Guard Interval 1/4, 1/8, 1/16, 1/32
- Code Rate 1/2, 2/3, 3/4, 5/6, 7/8

Package content

- Set-top Box
- Power Cable
- Infrared Remote Control
- Infrared receiver
- Mounting Brackets and Screws
- 2 Straps of Tape
- Instruction for Use

General

- Operating Voltage range: 12 ~ 24 V DC
- Power Consumption: < 1 mA (Stand-By) < 2 A (Operation)
- Operating temperature range: -10 °C ~ +60 °C
- Storage temperature range: -25 °C ~ +85 °C
- Dimensions (w x h x d): 27 x 4 x 16 cm

Reception Parameters

- Frequency Range: 174 MHz to 230 MHz (VHF), 470 MHz to 862 MHz (UHF)
- Channel Bandwidth 8 MHz (standard), 7 MHz (possible)
- Antenna RF Input Impedance 75 Ohms
- Antenna Connector F Type

The playback of TV- and/or Radio-Programs is depending on the availability, strength and quality of the broadcasted DVB-T Signal.

www.VDODayton.com



Free Manuals Download Website

<http://myh66.com>

<http://usermanuals.us>

<http://www.somanuals.com>

<http://www.4manuals.cc>

<http://www.manual-lib.com>

<http://www.404manual.com>

<http://www.luxmanual.com>

<http://aubethermostatmanual.com>

Golf course search by state

<http://golfingnear.com>

Email search by domain

<http://emailbydomain.com>

Auto manuals search

<http://auto.somanuals.com>

TV manuals search

<http://tv.somanuals.com>