

MHP Digital Terrestrial Receiver

Model : ODT 3800MHP

►► Features

- Fully MPEG-2 and DVB-T Compliant
- Data Broadcasting Services with MHP 1.1.2
- Return Channel via 10 BaseT LAN(Optional)
- Web browser(Optional)
- Support SMS and Virtual Keyboard
- Input Frequency 50 ~ 860 MHz
- One Input Tuner with Loop Through IF Signal
- DVB-T modulation schemes : QPSK, 16-QAM and 64-QAM
- Non-hierarchical and hierarchical 2K and 8K Carrier mode
- Fast Booting & Auto Scan
- Seven days EPG(Optional)
- User Friendly 256 Colors OSD & Easy GUI
- Favorite channel list
- English and German OSD
- Window based S/W Download Program by RS232 Serial Port
- 4:3, 16:9 Letter Box & Teletext using OSD
- 4 Digit Display with 7 Segment LEDs
- Channel Number(Active) and Time display(Stand by)
- Software upgrade by OTA(DVB-SSU)



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►► Technical Specifications

Tuner

- Input Frequency 50MHz to 860MHz
- Input Level 80dBm ~ -20dBm
- Connector IEC Female & Male
- Input Impedance 75 Ohm Unbalanced
- Channel Selection PLL Synthesizer
- IF Band Width UHF/8MHz, VHF/7MHz

Demodulator

- OFDM Spectrum 2K and 8K Carrier Modes
non-hierarchical and
hierarchical
- Modulation Mode QPSK, 16QAM, 64QAM
- Guard Interval Mode 1/32, 1/16, 1/8, 1/4
- FEC Decoder 1/2, 2/3, 3/4, 5/6, 7/8

Video Decoder

- Video Decoder MPEG-2 ISO/IEC13818-2
- Profile Level MPEG-2 MP @ ML
- Video Format 4:3, 16:9 (Letterbox)
- Video System PAL

Audio Decoder

- Audio Decoder MPEG-1 Layer 1 and II
- Sampling Frequency 32, 44.1, 48KHz
- Audio Channel Mono, Dual Channel,
Stereo, Joint Stereo

Chip & Memory

- CPU 32 Bit RISC CPU(224MIPS)
- Memory 16MB Flash
64MB SDRAM
8KB EEPROM

Demultiplexer

- ISO/IEC 13818-1 Compliant

Serial Data Interface

- Connector 9-Pin D-Sub (Male)
- Signal RS-232 Max. 115200 bps

Audio/Video Connectors

- TV SCART RGB, CVBS, Audio L/R,
- VCR SCART CVBS, Audio L/R
- Audio Output 2 X RCA Cinch (L/R)
- Video Output 1 X RCA Cinch
- Digital Audio Output S/PDIF

RF Modulator(Optional)

- Modulator Output CH21 ~ CH69
- Video Type PAL B/G, I, D/K

LAN Interface(Optional)

- 10 BaseT

Middleware

- MHP 1.1.2

Power Supply

- Input Voltage AC 100 to 240V, 50/60Hz
- Type SMPS
- Power Consumption Max. 35W

Physical Specification

- Operating Temp. +5°C to +40°C
- Net Weight 2.5 Kg
- Dimensions 300(W)x 210(D) x 60(H)mm