

Parabolteknik – Specialteknik & Elektronik

Tekniske specifikationer for MHP digitalmodtager, Vnr.: 10495



1. Middleware

MHP (Multimedia Home Platform 1.0.2 interactive profile broadcasting profile)

2. Conditional Access System Irdeto & Nagravision embedded

3. Service List Users can select four types like All, Favorite, Genre & Alphabet List.

4. OSD language Italian, English,

5. Data transfer trough serial port (RS-232)

IRD-IRD (between receiver) Software transfer, channel information, menu-setup from masterreceiver to another receiver trough serial connection

PC - IRD Software transfer, channel information, menu-setup from PC to another receiver trough serial connection

6. Tuner

RF input Connection type IEC, IEC 169-24 female

RF by-pass Connection type IEC, IEC 169-24 male

Frequency 48.5 ~ 226.5 MHz (VHF)

470 ~ 862 MHz (UHF)

Signal level -10 ~ -70dBm

Demodulation OFDM

Mode 2K, 8K

FEC 1/2, 2/3, 3/4, 5/6, and 7/8

Guard interval 1/4, 1/8, 1/16, 1/32

7. A/V decoder

Transport stream MPEG-2 ISO/IEC 13818

Level MPEG-2 Main Profile @ Mail Level

Data input speed Max. 15Mbit/s

Video format 4:3, 16:9, Letter

Video resolution 720 X 576, 720 X 480

Audio decoding MPEG/MusiCam Layer I & II

Audio mode Single, dual mono, stereo, joint stereo

8. Processor & Memory

CPU Conexant CX-22490

Flash memory 8 Mbytes

Graphic & system memory 64 Mbytes

EEPROM 8 Kbytes

Parabolteknik – Specialteknik & Elektronik

9. A/V input & output

Video 1 RCA out (CVBS)
1 TV scart (CVBS, RGB, S-Video)
1 VCR scart (CVBS, S-Video)
Audio 2 RCA out (Audio L/R)
1 optical output (S/PDIF, DAC 20Bits resolution)
RS-232C 9-pin, Data transfer speed : 115Kbps

10 RF modulator

RF/loopthrough output connector 75 ohm IEC 169-24 male (**DC 5V output** for external active antenna)
Frequency 470MHz ~ 862MHz (UHF)
Output channel Channel 21~69 for modulator

11 Return channel for interactive information exchange

Modem V.34 & V.90 PSTN modem included

12 Power Supply

Input voltage AC90 ~ 250V, 50/60Hz
Type SMPS
Consumption Max. 16W in operation
Max. 9.5W in stand-by
Protection Separate internal fuse & lightning protection

13 Physical Specification

Dimension (L X H X W) 310 X 60 X 237 mm
Weight Net 1.5Kg, Gross 2.4Kg
Operating temperature 0°C to ~ 45°C
Storage temperature -10°C to ~ 70°C

14 Front panel

1 smart card slot, 3 LEDs, 7-segment display, 4 buttons(Power, TV/Radio, Ch+/-),

15 Rear panel

2 scarts, 3 RCAs, 1 RF input, 1 RF output(loopthrough), S/PDIF(optical output), 1 RJ-11(modem)

16. Accessory

Scart cable, phone cable, remote control, 2 AAA batteries, user manual