

MAC201

REF. 4449



- 2 video and stereo audio inputs
- RF COFDM DVB-T output
- Excellent modulation quality MER: 38dB
- Processing and insertion of PSI/SI tables
- LCN support (Logical Channel Number)
- Remote control and firmware updates via web/Ethernet

Input section

| | | |
|-------------------|----------|-----------------|
| Video inputs | | 2 x CVBS SD |
| Video input level | Vpp | 0.7 ... 1.4 |
| Coding | | PAL/NTSC/SECAM |
| Impedance | Ω | 75 |
| Audio inputs | | 2 x mono/stereo |
| Audio input level | Vpp | 0.5 ... 4.0 |
| Connectors | | RCA |

Processing

| | | |
|----------------------------|--|--|
| Video compression | | MPEG2 MP@ML |
| Maximum resolution | | PAL 720x576@25fps NTSC 720x480@30fps |
| Quality | | DVD Full D1 |
| Audio compression | | MPEG1 Layer II |
| Insertion of PSI/SI tables | | YES: PAT, PMT, SDT, NIT, TDT, TOT, EIT |
| LCN processing | | YES |

Output section

| | | |
|----------------------|------------|-------------------------|
| DVB-T standard | | ETSI EN 300 744 |
| Carriers | | 2K, 8K |
| Modulation | | 16QAM, 64QAM |
| Guard intervals | | 1/4, 1/8, 1/16, 1/32 |
| Code rate | | 1/2, 2/3, 3/4, 5/6, 7/8 |
| Frequencies | MHz | 51 ... 858 |
| Bandwidths | MHz | 6, 7, 8 |
| Average output power | dB μ V | 80 |
| Output attenuation | dB | 1 |
| Level adjustment | dB | -15 |
| MER | dB | 38 (Typical) |
| Band aliasing | dB | ≤ 50 |
| Band noise (8 MHz) | dBc | ≤ 70 |
| Frequency stability | ppm | $\leq \pm 30$ |
| Frequency pitch | kHz | 1 |
| Connectors | | 2 x F (Loophthrough) |
| Impedance | Ω | 75 |

General

| | | |
|---------------------------------|-----------------|---------------|
| Power supply | V _{AC} | 230 - 240 |
| Consumption | | 0.45 A / 30 W |
| Operating temperature | °C | 0 ... +45 |
| Dimensions (without connectors) | mm | 302x251x44 |
| Weight | kg | 2.5 |

Interface

| | | |
|----------------------------|--|-----------------------------|
| Standard | | Ethernet 10Base-T |
| Local interface | | LCD + joystick |
| Remote interface / updates | | Web / Ethernet |
| Languages | | Spanish, English, French |

