



EFTA1-T2

Digital Terrestrial receiver

Art.no: 105100.03

PRODUCT INFORMATION

EFTA1-T2

The EFTA1-T2 is a high quality Professional Digital Terrestrial Receiver designed for use in any Cable-TV or SMATV head end. All the functions are integrated in an extremely compact unit that can be mounted in several different ways. The EFTA1-T2 is compliant to DVB-T standard. The EFTA1-T2 can easily be connected to CATV modulators EVA-200 and EVA-210.

Features:

- High quality professional digital terrestrial receiver
- COFDM to audio/video
- 2K and 8K compatible
- Free to air reception
- For operation in SMATV and Cable TV head ends
- 16:9/4:3 conversion, letterbox, Pan-scan, 14:9
- Video (phono) and stereo audio (phono) outputs
- PAL/SECAM/NTSC operation
- Settings with PC or PALM PDA (RS-232)
- Low power consumption



DVB's main transmission standards, DVB-S for Satellite, DVB-C for Cable and DVB-T for terrestrial, dominate the world and are the basis for most of the alternative standards.

design for TV

EFTA1-T2 Digital Terrestrial Receiver

TECHNICAL SPECIFICATION

(This specification may be subject to change without notice).

Connectors and Interfaces

Control connector	9pin male, D-sub
Antenna input connector	F female
LED Indicator lights	Power on, Error and Access
Front panel controls	Reset button
Remote controls	Settings of Tuner frequency or channel, Bandwidth, Service, Language, Audio and Video formats

COFDM Terrestrial Receiver

Input Frequency	47-860 MHz
Input impedance	75 Ω
Input return loss	7 dB
Input level range	-75 to -35 dBm 1)
C/N limit	18 dB 1)
Bandwidth	6/7/8 MHz
DVB compliance	DVB-T (2K and 8K)
Co/adj channel	Compliant to Nordig 2 PAL

1)QEF reception with test signal :8K, 64 QAM, 1/4 guard interval, 2/3 FEC

MPEG Decoder - Audio

Output	Stereo or Mono programmable
Output connectors	Phono, female (R red, L white)
Output impedance	< 100 Ω
Output level	Typ. 0dBm @ 600 Ω (0.77 Vrms) variable

MPEG Decoder - Video

Output standards	PAL, SECAM or NTSC
Impedance	75 Ω
Output connectors	Phono, female (yellow)
Output level	1 Vpp @ 75 Ω
Aspect Ratio	Letterbox, Pan/Scan, or conversion Combined (14:9) programmable
Teletext	Insertion in VBI Subtitling Teletext or DVB subtitling

Miscellaneous

Power supply	6-9 VDC (7,5 V nom.)
Power consumption	Typ. 6 W
Dimensions	160x105x20 mm (exclusive connectors)
Weight	Approx. 330 g
Controller	Palm PDA or PC (software included)
Operating temperature	0 to +50°C

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