



EFTA1-T2

Digital Terrestrial Receiver

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 video
- 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).

COFDM Terrestrial Receiver

Input Frequency	47-860 MHz
LNB connector	Type F female, 75 ohm
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
Co/adj channel	Compliant to Nordig 2 PAL

1)QEF reception with test signal :8K, 64 QAM, ¼ guard interval, 2/3 FEC

Miscellaneous

Power supply	6-9 VDC (7,5 V nom.)
Power consumption	Typ. 6 W
Dimensions	160x105x20 mm (excl. connectors)
Weight	approx. 330 g
Controller	Palm hand computer or PC (software included)
Control connector	9P D-sub, male
Indicator lights	"on", "transmission error", "access error"
Operating temperature	0 to +50°C

MPEG Decoder - Video

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

MPEG Decoder - Audio

Output	Stereo or Mono programmable
Output connector	Type Phono, female (R red, L white)
Impedance	< 100 ohm
Output level	Phono: Typ. 0dBm @ 600Ω (0.77 Vrms) variable

To view our full line of Professional E-series Products, visit our Web site at www.a2b.se.



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