



ECA-100

Digital Cable Receiver

Art.no: 106100.01

PRODUCT INFORMATION

ECA-100

The ECA-100 is a high quality Professional Digital Cable Receiver which incorporates embedded Conax and Common Interface for direct connection to a CATV/SMATV network. The ECA-100 can easily be connected to CATV modulators EVA-200 and EVA-210.

Features:

- High quality professional digital receiver
- QAM to AM transmodulation
- For operation in SMATV and Cable TV head ends
- Embedded Conax
- Common Interface
- 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

ECA-100 Digital Cable Receiver

TECHNICAL SPECIFICATION

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

Connectors and Interfaces

Control connector	9pin male, D-sub
Input connector	F female
Video output connector	Phono female (yellow)
Audio output connectors	Phono female (Left white and Right red)
LED Indicator lights	Power on, Error, Access
Front panel controls	Reset button
Remote controls	Settings of Frequency, Symbol rate, Modulation System, Language, Audio and Video format

QAM Cable Receiver

Input Frequency	47-862 MHz
Input impedance	75 Ω
Input return loss	7 dB
Input level range	-60 to -30 dBm 1)
QAM mode	16, 32, 64, 128, 256 QAM
Bandwidth	8 MHz
DVB compliance	DVB-C
Adj channel PAL	Compliant to Nordig 2 PAL
1)QEF reception with test signal :64 QAM, C/N 26dB	

MPEG Decoder - Audio

Output	Stereo or Mono programmable
Impedance	< 100 Ω
Output level	0dBm @ 600 Ω (0.77 Vrms) variable

MPEG Decoder - Video

Output standards	PAL, SECAM or NTSC
Impedance	75 Ω
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
Decryption	Embedded Conax, Common Interface

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



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