



Demodulator COFDM/PAL A2B ETA-100



- **Högkvalitativ mottagare för marksänd digital signal**
- **Inbyggd Conax-dekryptering**
- **Common Interface för andra dekrypterings-system**
- **Avsedd för användning i CATV- och SMATV-anläggningar**
- **Inbyggd DSB-modulator**
- **Avsedd för PAL, SECAM och NTSC**
- **Låg energiförbrukning, < 6 W**
- **Programmerbar via PC eller Palm**

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

MODULATOR

UHF output frequency	470 – 860 MHz (full coverage) Channel or frequency programmable
VHF output frequency	47 – 470 MHz (limited operation, see manual)
Output level	typ. 95 dBuV, fixed
Modulation standards	DSB AM, standard B/G, I, D/K, H, L, M/N selectable (operation on every second channel only, see manual)
Spurious level	UHF operating: typ. < -60dBc within band VHF operating: typ. < -60dBc except on harmonic and subharmonic frequencies (see manual)
RF output connector	Type F, 75 ohm
Audio	FM or AM, 4.5, 5.5, 6.0 or 6.5 MHz depending on selected standard

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
Decryption	Embedded Conax, Common Interface

MPEG DECODER - AUDIO

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

OTHERS

Power supply	6-9 VDC (7,5 V nom.)
Power consumption	Typ. 6 W
Dimensions	160x105x20 mm (excluding connectors)
Weight	approx. 330 g
Controller	Palm handcomputer or PC (software included)
Control connector	9P D-sub, male
Indicator lights	"on", "transmission error", "access error"
Operating temperature	0 to +45°C