



Transmodulator QPSK/QAM A2B ESC-100



- **Högkvalitativ transmodulator QPSK/QAM**
- **Transparent transmodulation**
- **Avsedd för användning i CATV- och SMATV-anläggningar**
- **Modulation från 4 QAM till 256 QAM**
- **Utfrekvensområde, 47-862 MHz**
- **Hög utnivå, 100 dBuV**
- **Låg energiförbrukning, < 5 W**
- **Programmerbar via PC eller Palm**

QPSK SATELLITE RECEIVER

Input Frequency	950 to 2150 MHz
LNB connector	Type F female, 75 ohm
Input Level	-65 to -25 dBm
Spectral inversion	Automatically processed (Ku-Band & C-Band)
DC at IF in	Auto, Off, +13V, +18V programmable (short circuit protected)
22kHz to LNB	Auto, On or Off programmable
Symbol Rate	2 to 45 Mbaud
DVB compliant	DVB-S
Error correction	Viterbi (1/2, 2/3, 3/4, 5/6, 7/8) +Reed Solomon (188/204) +Interleave (I=12)

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, embedded NDS Videoguard plus Common Interface for other standards (tested with Viaccess, Irdeto, Cryptoworks, Aston (Mediaguard, Seca), Conax, Alphacrypt and NDS

MPEG DECODER - AUDIO

Output	Stereo or Mono programmable
Output connector	Type 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
Power consumption	Typ. 6W without CAM and external load (Note: Power supply requirement depending on how much external power is fed via the unit. Typ. CAM <1W, typ. LNB <3W, Max. LNB current at +18V = 7.2W Max. current at LNB in: 400 mA
Dimensions	480x170x40 mm (excluding connectors), approx. 330 g
Weight	approx. 330 g
Controller	Palm handcomputer or PC (software included)
Control connector	9P Dsub, male
Smartcard connector	ISO 7816
CAM connector	PCMCIA
Indicator lights	"on", "transmission error", "access error"
Operating temperature	0 to +45°C