

EVA-200

High quality CATV VSB RF modulator



PRODUCT INFORMATION

- High quality professional VSB RF modulator
- For operation in SMATV and Cable-TV head-ends
- Can be set to any transmission standard
- High output level (>110 dBuV)
- Covers 47-860 MHz
- Low power consumption
- Video (phono) and stereo audio (phono) inputs
- PAL/SECAM/NTSC operation

A2B Electronics AB
P.O. Box 14
SE-591 21 Motala
Sweden

Phone: +46 141 229100
Fax: +46 141 229101
e-mail: market@a2b.se

web: www.a2b.se



EVA-200

Professional VSB modulator

DESCRIPTION AND FEATURES

The EVA-200 is a Vestigial Sideband (VSB) AM analog, video/audio modulator that can be programmed to different international standards. It is made for adjacent channel operation so that every available channel on a cable TV network can be used. It features

SETTINGS AND CONTROL

Programming and different settings of the unit is made via an RS-232 connector on the front. Software is included for control via Palm handheld computer or standard PC.

Channel setting and output level control also available on the front panel for direct control. Changed settings activated via Reset control (available at front).

VIDEO-AUDIO INPUTS

One video and two audio inputs are available.

The stereo audio inputs are summed to give the mono audio sound

Video connectors: Type phono, Video yellow

Video level: 1 Vpp, 75 ohm

Audio connectors: Type phono, Audio L white, Audio R red

Audio level: 0.77 Vrms nominal, high impedance

MODULATION

Standards Programmable to

B/G, I, D/K, H, L, M/N

Modulation video VSB AM, negative or positive depending on programmed standard

Modulation mono audio FM or AM

depending on programmed standard

Mono subcarrier frequency 4.5 MHz, 5.5 MHz, 6.0 MHz or 6.5 MHz depending on standard

RF OUTPUT

RF output connector Type F

RF output impedance 75 ohm nominal

RF output frequency 47 - 860 MHz

RF output level 110 dBuV, variable 0 - 30dB

Spurious signals > 60 dB
Suppression

OTHERS

Power supply 7.5VDC nom. (6 - 9 V)

Power consumption Typ. < 5 W,

Dimensions: 165x105x20 mm
(excluding connectors),
panel 35x128 mm
(7TE x 3HE)

Weight : approx. 330 g

Mounting Direct on wall with
separate bracket or in
19-inch rack box

Controller Palm handheld or
PC (software included)

Control connector 9P Dsub, male

Front panel controls Channel setting,
RF output level

Indicator lights on

Operating temperature 0 to +50°C

(This specification may be subject to change without notice)

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