



TRIAX

connecting the future

TRIAX TMB 1500

Terrestrial Channel Processor

New features
More benefits
Same price

The TMB 1500 is the successor to the state of the art TMB 1000. We've added new features and benefits – but we haven't added to the price.

TMB 1500 drives larger TV distribution networks in multi-dwellings, with excellent picture quality to every TV screen.

New and upgraded features

- Convert any input channel in VHF or UHF band to any output channel in any order you wish
- More than 50 DVB-T/T2 MUX can be processed
- Higher selectivity for suppression of interference from adjacent channels
- Higher gain and double output power
- Tunable channel bandwidth



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TRIAX TMB 1500 Terrestrial Channel Processor

The revolution in Programmable Multiband Amplifiers

The programmable Terrestrial Channel Processor TMB 1500 can receive TV signals from multiple terrestrial antennas. It combines filtering, converting, level equalization and amplifying of broadcast channels – all this within a very compact unit in order to boost the sum signal into the coaxial TV distribution network in multi-dwellings or hospitality premises.

- 4 antenna inputs: FM / DAB-VHF / 2xUHF
- Flex Matrix with 15 filters per 1...6 MUX for individual channel processing to any output channel
- Real-time AGC separately on all multiplexes
- 50 dB suppression of adjacent channels
- Automatic switch between LTE 700-5G/800-4G rejection
- Option to compensate cable tilt by reducing FM and DAB-VHF output level compared to UHF level
- Setup locking with security code
- Switchable remote feeding 0/12/24 VDC

Type:	TMB 1500 Terrestrial Channel Processor
Art. no.	360231
CHARACTERISTICS	
Input level - VHF/DAB	45...109dB μ V
Input level - FM	37...77dB μ V
Input level - UHF	45...109dB μ V
MER - VHF/UHF	35dB
Output level-VHF/UHF	115dB μ V
Output level @ 6 x MUX	108dB μ V
Selectivity	50dB/1MHz
Test point	-30dB
FREQUENCY	
Frequency range FM	88...108MHz
Frequency range VHF/DAB	174...240MHz
Frequency range UHF with automatic LTE selection	470...694/790/862MHz
Number of MUXes	>50 (15 filters, each filter per 1,2,3,4,5 or 6 MUXes)
GAIN	
Gain - FM	35dB
Gain - VHF	60dB
Gain - UHF	60dB
LOSS	
Attenuator-FM	0...20dB
Attenuator-VHF/UHF	Channel AGC
Attenuator sum signal	0...20dB
ELECTRICAL	
Impedance	75 Ω
OPERATIONAL	
Operating temperature range	-5...+50°C
AC Supply voltage	100...240VAC
Power Consumption (typ.)	12W
Remote supply pre-amp	12/24V, max. 100mA total at all inputs
CONNECTORS	
Connector Type	F-female
Number of outputs	1x FM/DAB/VHF/UHF + 1x Test port
MECHANICAL	
Dimensions product (H x D x W)	165x58x165mm
Total Weight	0.815kg