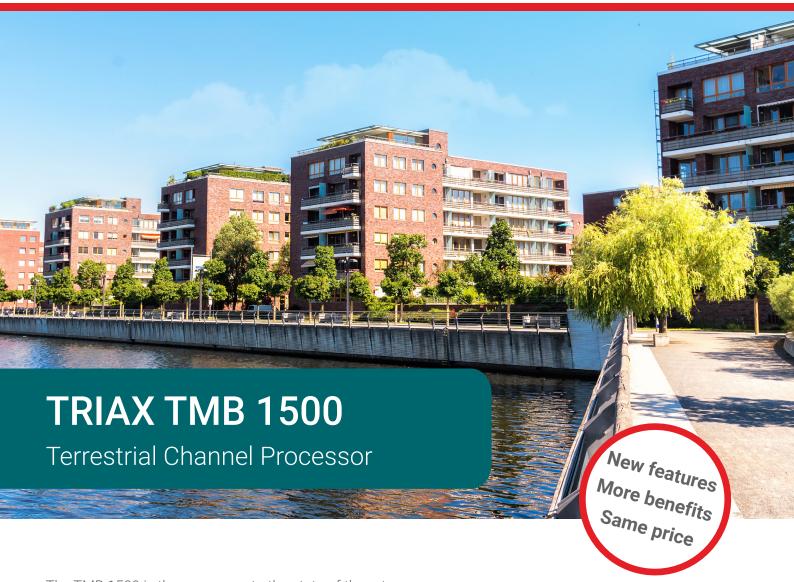


## connecting the future



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 multidwellings, 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





triax.com





## 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.	360239
CHARACTERISTICS	
Input level - VHF/DAB	45109dBµV
Input level - FM	3777dBµV
Input level - UHF	45109dBµV
MER - VHF/UHF	35dB
Output level-VHF/UHF	115dBµV
Output level @ 6 x MUX	108dBµV
Selectivity	50dB/1MHz
Test point FREQUENCY	-30dB
	00 100MH=
Frequency range FM Frequency range VHF/DAB	88108MHz 174240MHz
Frequency range UHF with automatic LTE selection	470694/790/862MHz
Number of MUXes	>50 (15 filters, each filter per 1,2,3,4,5 or 6 MUXes)
GAIN	νου (10 miters, each miter per 1,2,0,4,0 or 0 moves)
Gain - FM	35dB
Gain - VHF	60dB
Gain - UHF	60dB
LOSS	
Attenuator-FM	020dB
Attenuator-VHF/UHF	Channel AGC
Attenuator sum signal	020dB
ELECTRICAL	
Impedance	75Ω
OPERATIONAL	
Operating temperature range	-5+50°C
AC Supply voltage	100240VAC
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

