



TRIAX

connecting the future

TRIAX TMB 1000

Terrestrial Channel Processor

The TMB 1000 Terrestrial Channel Processor filters and amplifies multiple antenna signals in a highly compact headend unit. Up to 2 UHF antenna with up to 20 channels, a VHF/DAB antenna and an FM antenna can be connected.

Channels are selectively processed into an array of terrestrial broadcast stations, gained and equalised at high levels in order to drive a coaxial MATV distribution network in multi-dwellings and housing blocks.



4G/5G

LTE
Protected

triax.com



TRIAX TMB 1000 Terrestrial Channel Processor

- the revolution in Programmable Multiband Amplifiers

Maximum flexibility

- 4 TV antenna inputs for mixing more than 20 VHF and UHF channels
- Easy filtering and equalization of the transponder channels

High selectivity

- Low interference between antenna signals
- Automatic LTE protection (4G/5G) caused by 50dB suppression on adjacent channels

Easy to set up and reliable

- Input levels read-out
- Real-time AGC
- Highly compact unit
- Professional mains adapter
- Separate FM antenna input

Type:	TMB 1000 Terrestrial Channel Processor
Art. no.	360230
CHARACTERISTICS	
Input level - BIII/DAB	45...109dBμV
Input level - FM	37...77dBμV
Input level - UHF	45...109dBμV
MER	35 (@VHF/UHF)dB
Output level @ 60dB IMD - UHF	115 (105@1MUX, 105@6MUX)dBμV
Output level @ 60dB IMD - VHF	115 (105@1MUX, 105@6MUX)dBμV
Selectivity	35dB/MHz
Test point	-30dB
FREQUENCY	
Frequency range BI/FM	88...108MHz
Frequency range BIII/DAB	174...240MHz
Frequency range UHF	470...862MHz
Number of channel filters	20
GAIN	
Gain - FM [47-108 MHz]	35dB
Gain - VHF	35dB
Gain - UHF	45dB
LOSS	
Attenuation	0...20 (FM, VHF, UHF -Chan. AGC)dB
ELECTRICAL	
Impedance	75Ω
OPERATIONAL	
Operating temperature range	-5 - +50°C
AC Supply voltage	100...240VAC
Power Consumption (typ.)	12W
Remote Supply	12...24/100V/mA
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
Packing QTY	1
Total Weight	0.815kg