



# TRIAX

connecting the future

## TRIAX TMB 2000

Terrestrial Channel Processor

The TMB 2000 Terrestrial Channel Processor filters, converts and amplifies multiple antenna signals in a highly compact headend unit. Up to 4 VHF/UHF aerials with more than 50 channels 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



[triax.com](http://triax.com)



## TRIAX TMB 2000 Terrestrial Channel Processor

- the revolution in Programmable Multiband Amplifiers

### Unrivalled flexibility

- 4 TV antenna inputs for mixing more than 50 VHF and UHF channels
- Separate FM antenna input
- Straightforward filtering and channel conversion

### Highest selectivity

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

### Straightforward and reliable

- Easy to set up
- Copy configurations quickly by SD card
- Input levels readout
- Real-time AGC
- Compact size
- Professional mains adapter

Type:	TMB 2000 Terrestrial Channel Processor	
Art. no.	360235	
Inputs	-	4 VHF/UHF + 1FM
Outputs	-	1 main (FM-VHF-UHF) + 1 test port (-30dB)
Frequency range	MHz	FM: 88 - 108
	MHz	VHF: 174 - 240
	MHz	UHF: 470 - 862
LTE protection	MHz	Automatic selection: 694, 790 or OFF
Input level	dB $\mu$ V	FM: 37 - 77
	dB $\mu$ V	VHF: 40* - 109
	dB $\mu$ V	UHF: 40* - 109
FM Output power (60dB/IM3)	dB $\mu$ V	113
VHF/UHF Output power (60dB/IM3)	dB $\mu$ V	120
VHF/UHF Output power with 1 MUX	dB $\mu$ V	113
VHF/UHF Output power with 6 MUX	dB $\mu$ V	110
Conversion	-	Yes (from any VHF-UHF channel to any VHF-UHF channel)
Gain	dB	FM: 35
	dB	VHF: >45
	dB	UHF: >55
Gain adjustment : FM - VHF/UHF	dB	20
	-	Channel AGC
General attenuator	dB	20
Slope adjustment	dB	9
Selectivity	dB/1MHz	35
Output MER	dB	VHF: 35
	dB	UHF: 35
ESD protection	-	All inputs
Remote voltage for preamp	V	12 or 24
Remote current	mA	100 (total for the 4 inputs)
SD port	-	Yes (for copy configuration and upgrade features)
Operating temperature	°C	-5 to +50
Power Supply	VAC	100 - 240
Power consumption	W	16
Dimensions (without PSU)	mm	165 x 165 x 58
Weight (incl.) PSU	kg	0,815

\*) For 64QAM with code rate  $\frac{3}{4}$