

TMB 1500 Terrestrial Channel Processor

Art. Number 360231



TRIAX TMB 1500 Terrestrial Channel Processor

The revolution in Programmable Multiband Amplifiers

The programmable Terrestrial Channel Processor TMB 1500 is able to 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 and 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 for pre-amplifiers 0/12/24 VDC
- Desk top PSU with Euro mains plug

Technical Specifications

Bestillingsinformation

EAN Nummer 5702663602311

Egenskaber

MER dB	35 dB
Indgangsniveau - FM dB μ V	37...77 dB μ V
Indgangsniveau - VHF dB μ V	45...109 dB μ V
Indgangsniveau - UHF dB μ V	45...109 dB μ V
Udgangsniveau FM dB μ V	113 dB μ V
Udgangsniveau @ 60dB IMR3 - UHF dB μ V	115 dB μ V
Udgangsniveau @ 60dB IMR3 - VHF dB μ V	115 dB μ V



Technical Specifications

Udgangsniveau VHF/UHF 1MUX dB μ V	108 dB μ V
Udgangsniveau VHF/UHF 15MUX dB μ V	105 dB μ V
Selektivitet dB/1MHz	50 dB/1MHz
Test Punkt dB	- 30 dB

Frekvensområde

Frekvensområde FM MHz	88...108 MHz
Frekvensområde DAB MHz	174...240 MHz
Frekvens område VHF MHz	174...240 MHz
Frekvens område UHF MHz	470...862 MHz
Antal kanaler	> 50 by 15 filters
LTE beskyttelse	Auto: 694/790/OFF

Forstærkning

Forstærkning FM dB	35 dB
Forstærkning - VHF dB	60 dB
Forstærkning - UHF dB	60 dB
Slope dB	9 dB

Tab

Attenuator FM dB	0...20 dB
Attenuator Sum udgang dB	0...20 dB

Elektriske data

Impedans Ω	75 Ω
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Generelle specifikationer

AC Driftsspænding VAC	100...240 VAC
Effektforbrug (typ.) W	12 W
PSU/adapter INFO	Inkluderet Euro Plug (CEE 7/17)
RemoteVoltagePreampCLDI2020 VDC	12/24 VDC
Temperatur - drift °C	-5...50 °C

Connector

Antal indgange	1xFM 1xDAB/VHF 2xUHF
Antal udgange	1x FM/DAB/VHF/UHF + 1x Test port

Mekaniske data

Dimensioner produkt (H x D x B) mm	165 x58 x165 mm
Pakke str.	1
Produkt Højde mm	164 mm
Produkt Bredde mm	167 mm
Produkt Dybde mm	153 mm
Pakkehøjde m	0.073 m
Pakkebredde m	0.270 m
Pakkedybde m	0.228 m



Technical Specifications

Pakkerumfang m ³	0.004 m ³
Nettovægt kg	0.776 kg
Taravægt kg	0.254 kg
Totalvægt kg	1.030 kg