

TRIAX

Product Info

New

TV channel converter for TDH

New DVB-T channel converter for TDH

With the TDH 778 channel converter module the new digital-terrestrial TV signals can be received and converted to another channel without impairing the signal quality. This means that the digital signal can be looped into an unoccupied channel in the antenna system and used to connect a digital set-top box.

Reliable technology

By means of double SAW filter technology an extremely high MER value is obtained, guaranteeing adequate excess and securing signal quality, also in non-optimized cable networks. The high selectivity of the input stage prevents disturbances from even strong adjacent channels.

Constant signal level

The channel works in adjacent channel operation and has built-in automatic gain control (AGC) which ensures a constant signal level in the cable network.

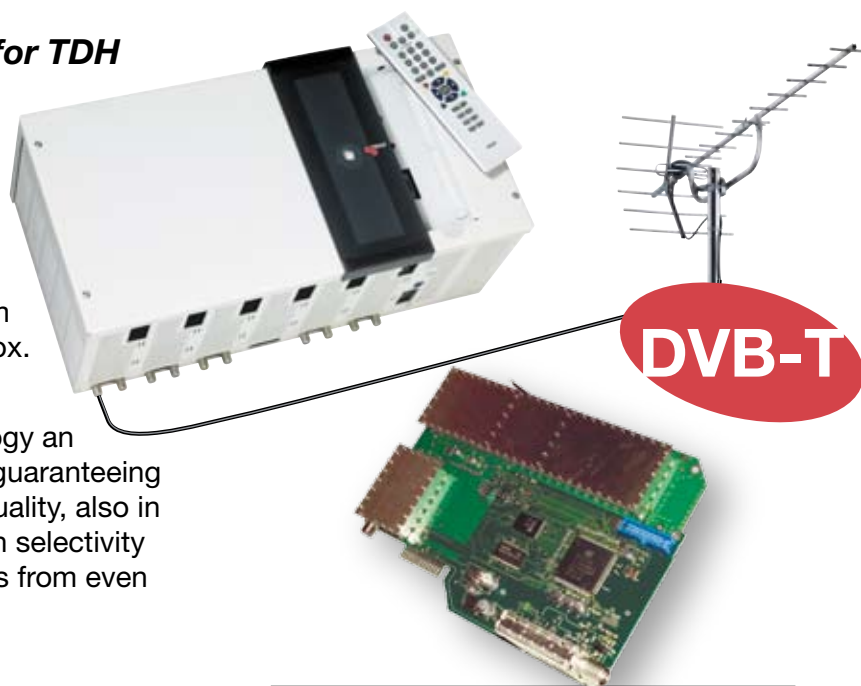
TDH 775/776 analogue

TV channel converter

Moreover, a TV channel converter module is available for TDH, optimized for analogue TV signals and also with built-in AGC function which ensures a stable signal level through the cable network.

Simple operation

Set-up and programming is just as easy as on the other modules for TDH 700. The application of On Screen Display (OSD) simplifies the operation and ensures a clear overview.



On Screen Display operation

The new digital TV channel converter module for TDH

- see technical data overleaf

Simply more
- more simply



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Technical data – TDH TV converter modules

TYPE		TDH 775 TV-converter Analogue	TDH 776 TV-converter Analogue	TDH 778 TV-converter digital
Part No.	8 MHz bandwidth		490776	
	7 MHz bandwidth	490775		490778
Input frequency range	MHz	45-862	45-862	50.5-858
Output frequencu range	MHz	45-862	45-862	50.5-858
Input signal level	dBµV	60-90	60-90	45-90
Optimum input level	dBµV	55-80	55-80	55-80
Bandwidth of TV channel	MHz	7	8	8
TV carrier wave stability	kHz	< ± 25	< ± 25	< ± 25
Spurious signal ref. TV carrier wave	dB	> -60	> -60	> -60
Output level adjustment	dB	0-10	0-10	0-10
Output level	dBµV	105	105	95
Output impedance	Ohm	75	75	75
Return loss (MOF in output)	dB	> 10	> 10	> 10
MER @ MER input signal > 36 dB	dB			> 30
Power supply				
Voltage	V, A	3.3/0.1 – 5/0.9 – 12/0.4 – 30/0.004	3.3/0.1 – 5/0.9 – 12/0.4 – 30/0.004	3.3/0.1 – 5/0.9 – 12/0.4 – 30/0.004
External power supply	V, mA	12 / max. 50	12 / max. 50	12 / max. 50
Connections				
Antenna input		IEC female	IEC female	IEC female
Antenna output		IEC male	IEC male	IEC male
Power supply/control		Edge connector 2 x 13 pins	Edge connector 2 x 13 pins	Edge connector 2 x 13 pins
Mechanical data				
Operating temperature range	°C	- 10...+ 50	- 10...+ 50	- 10...+ 50
Storage temperatur range	°C	- 20...+ 70	- 20...+ 70	- 20...+ 70
Humidity, operation	%	20...80	20...80	20...80
Humidity, storage	%	10...90	10...90	10...90
Weight	kg	0.45	0.45	0.45
Dimensions (L x W x H)	mm	230 x 150 x 50	230 x 150 x 50	230 x 150 x 50



TDH 775



TDH 776



TDH 778



Simply more
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