

TDH 700 main and sub unit - digital

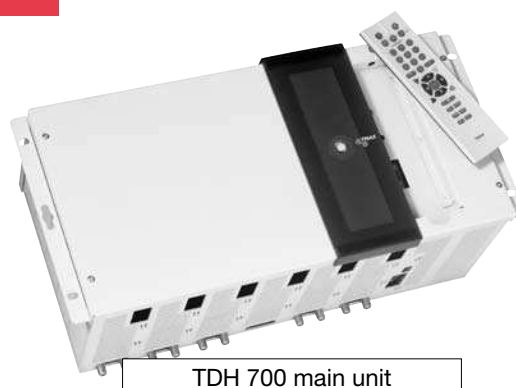
Triax digital headend - TDH 700

TDH 700 is a modern digital compact headend. Each basic unit holds up to six modules each carrying a satellite, cable, or terrestrial channel.

A complete system is simply built with the main/sub unit system where 1 basic unit and 4 sub units can be coupled in cascade and operate as one integrated headend with 30 channels.

All communication between modules and the basic units is done via a high speed data-bus, and by means of this modern communication structure, important features like operating the system, software updates, and remote access have become extremely simple.

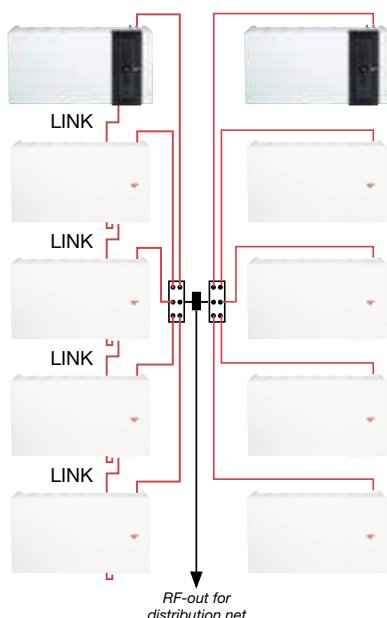
For maximum flexibility a one module basic TDH SA unit is also available.



TDH 700 main unit

Technical data

TYPE		TDH 700 Main unit 490790	TDH 701 Sub unit 490791	TDH 791 SA-cabinet 301791	TDH 700 SA-controller 301700
Part No.		490790	490791	301791	301700
Number of channels	Pcs	6	6	1	
Output frequency range	MHz	47 - 862	47 - 862	- depending on module	
Max. output level - 6 combined ch. max. @ 60 dB IMD	dBμV	105	105		
Output level stability	dB	< 1	< 1		
Adjustment	dB	10	10	- depending on module	
Test point	dB	- 30	- 30		
Return loss output Tv in - tv out - module RF in	dB	≥ 10	≥ 10	- depending on module	
Impedance	Ohm	75	75		
Remote control		Yes			
PC-interface functions		Yes		- via controller	
Software download	9 pin	RS 232 female		- via controller	RS 232 female
Modem connector	9 pin	RS 232 male		- via controller	RS 232 male
Main/sub unit connector		USB A/B cable	USB A/B cable	USB A/B cable	USB A/B cable
Wall/rack bracket		Yes	Yes	Yes	Yes
Operation voltage	V/AC	190 - 260	190 - 260	190 - 260	- from SA cabinet
Power consumption	W	120 max.	110 max.	25 max.	8
Connector in - out		F female	F female	F female	F female
Operation temperature range	°C	-10...+50	-10...+50	-10...+50	-10...+50
Weight	kg	5.8	5.8	1.8	2.2
Dimensions (H x D x W)	mm	223 x 160 x 440	223 x 160 x 440	198 x 220 x 76	198 x 141 x 44
Remarks					



TDH 701
sub unit



TDH 791
SA-cabinet



TDH 700
SA-controller