

TDH 800 Cabinet - main unit for TDH 800 range of modules

The TDH 800 housing is designed to accommodate up to 16 frontend and 6 quad backend modules. This gives the TDH 800 headends system a total of up to 16 input muxes and 24 output channels, either 24 PAL programs or 24 QAM/COFDM muxes or a mixture of these.

The center of the TDH 800 is the pool where services are available from all front end modules, whether terrestrial, satellite or AV encoder. From the pool, the services can be cherry-picked and distributed via the COFDM, QAM or PAL backend modules. Any input can be connected to any output.

Configuration of the TDH 800 can take place by using the TDH 800 service tool as you can see in the manual. The TDH 800 service tool ensure that the COFDM or QAM muxes are created in a way where the maximum bandwidth is respected.

The TDH 800 unit can be mounted in a 19" rack or mounted on the wall horizontally or vertically by using the wall brackets. You can easily access the input modules in the top of the cabinet and by removing the 4 torx screws on the front you will get access to the output modules.

Both frontend and backend modules are replaceable from the front side of the TDH 800. The main PSU is also replaceable from the front side by disconnecting the mains power and using a torx screw driver.

A fully loaded headend consumes only 280W in max. configuration. Coupled with intelligent cooling with two integral fans, this increases the life time of the equipment and makes the TDH 800 a choice that takes care of the environment.



- Better and stronger performance with energy-friendly and long-term reliability, in a compact housing
- Quick installation
- Easy set-up with few modules



Technical data:

- see next page



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- main unit for the range of modules



Technical data

Type:	TDH 800 Main unit cabinet	
Art. no.	692890	
General		
Frequency range (RF OUT)	MHz	47-862
Impedance (RF OUT)	Ohm	75
Return loss (RF OUT)	dB	> 14 at 47MHz (-1.5dB/octave; Min. 10dB)
Testpoint	dB	-20
Output level max @ 60 dB IMD 24 combined channels	dB μ V	93.0
Power Supply		
Operating voltage	VAC	190-260 50/60 Hz
Min. power consumption	W	20
Max. power consumption	W	280
Max. LNB control	mA	4 x 305
Connectors		
AC Power in (1,8m)	IEC320 (cable)	
Ext. TV-OUT	F-con	
Ext. testpoint	F-con	
PC	RJ 45	
Environment		
Temperature, operating	$^{\circ}$ C	-10...+50
Temperature, storage	$^{\circ}$ C	-20...+70
Humidity, operating	%	20...80
Humidity, storage	%	10...90
Mechanical data		
Weight - net	kg	9.8
Dimensions product (L x W x H)	mm	440x240x265

Recycling:

This product is manufactured in compliance with current EU environmental and recycling requirements and standards (WEEE, RoHS, etc.). Please observe your local implementation and requirements when recycling.

