

Televés AVANT X PRO Programmable Multiband Amplifier for Terrestrial Signals 14MM-AVANTX-PRO



For the Best

Features and Benefits

- » Auto-programming: The amplifier self scans the VHF/ UHF inputs to find the best DVB-T/T2 channel, so it can automatically allocate each multiplex to a filter in the most optimum way
- » Very easy configuration and adjustment using ASuite application for Android or Windows
- » Up to 32 individually programmable filters: single channel digital filtering, even for adjacent channels (1 to 4 channels)
- » Digital processing of channels: output channels can be frequency shifted
- » AutoLTE: automatic internal adaptation of filters, depending on the LTE signal type (4G/5G)
- » 3 Year Warranty

Headend Equipment

Matchmaster has a full range of Headend Equipment from entry level to complex systems, including engineering support and system designs. Matchmaster can offer simple Channel Filters with AGC through to complex DVB modules for any type of broadcast including Encoders, Modulators & Transmodulators for DVB-T, DVB-C, DVB-S/S2, IP, ASI, SDI, FM and many more.



14MM-AVANTX-PRO Specifications

Inputs	VHF+UHF		FM
No. of inputs	4		1
Frequency range	174-230MHz	470-694 / 790MHz (automatic TLE)	87-108MHz
Maximum gain	75dB		29dB
No. of filters	32		-
No. of channels per filter	1...4		-
Filter configuration	No restraints		-
Slope regulation	-	0-5dB	-
Recommended input margin	40-100dB μ V		76-101dB μ V
Gain regulation	0-30dB (auto)		0-25 / OFF
Manual regulation after auto-adjustment	+/- 3dB		+/- 5dB
Output level (DIN45004B)	122dB μ V		
Output level (EN50083 IMD3 2CH -36dB)	126dB μ V		
Programmable output level	87-112dB μ V	90-115dB μ V	80-105dB μ V
Selectivity	>30dB@+/-1MHz		>20dB@+/-20MHz
Input powering	12Vdc (AUTO/ON/OFF)		-
Maximum current per input	50mA		
Mains voltage / frequency	196-254Vac/50-60Hz		
Total consumption	14W		
Maximum operating temperature	45°C		
Weight	920g		
Dimensions	225x120x55mm		
Protection index	20IP		