



AVANT 6 programmable multiband amplifier for terrestrial signals, with 20 digital programmable filters

Multi-input multiband amplifier, perfect for terrestrial individual or small MDU (Multi Dwelling Unit) installations, that allows programming up to 20 digital filters on 2 VHF+UHF inputs (DTT).

The multiband amplifier is equipped with 4 inputs: FM-DAB-2xVHF/UHF, and can achieve programmable amplification and balancing of the different RF inputs.

Thanks to ASuite, the multiband amplifier programming is very easy and intuitive using an Android or Windows/Mac application.

The multiband amplifier is able to detect LTE signals and automatically set the filter to channel 48 (LTE700).

RED compliant

Ref.	532603
Logical ref.	AVANT6-DD2
EAN13	8424450224007

Packaging info

Box	1 pcs.
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Physical data

Net weight	920.00 g
Gross weight	920.00 g

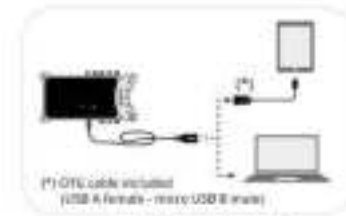
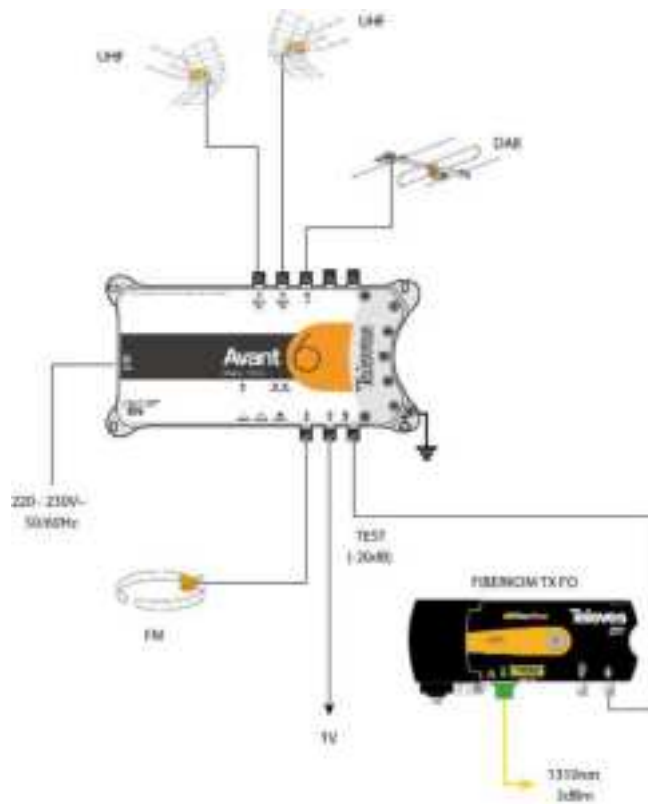
Highlights

- Digital processing technology implemented on terrestrial TV signals
- Up to 20 individually programmable filters: single channel digital filtering
- Automatic signal adjustment in each filter (AGC): and output signal manual regulation
- UHF/VHF digital filters with high selectivity: 30dB rejection (@ 1MHz)
- SAW filters (Surface Acoustic Wave) against LTE interferences, with the best selectivity and stability
- Compatible with DVB-T and DVB-T2
- TForce Technology: terrestrial signal level always stable and adapted to its optimum value
- Storage of several setups and cloning
- Zamak chassis provides high screening effect
- Light-weight and compact multiband amplifier with a wide range of features (225x120x55mm)
- Low power consumption: 8W
- Very easy configuration and adjustment using ASuite application for Android or Windows/Mac

Main features

- VHF+UHF inputs: the output level is programmable between 77-102dB μ V (VHF) or 80-105dB μ V (UHF)
- DAB input: the output level is programmable between 77-102dB μ V. When it is used, the other inputs are available only for UHF band (in addition to the specific FM input)
- The FM input can be enabled or not. In case this input is enabled, it will be amplified and its output level set to 10 dB below the lowest-level UHF channel (taking into account the equalization slope)
- Automatic balancing according to the programmed output level and equalization slope
- Allocation of filters to inputs without restraints
- Powering of pre-amplifiers or BOSS system
- LED indicators displaying both unit and signal statuses
- Easy-to-replace power supply

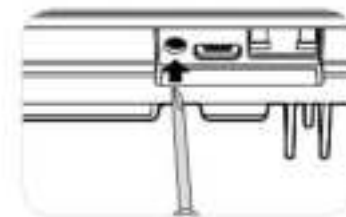
Application example



TABLET / SMARTPHONE / PC



USB UNIVERSAL PROGRAMMER



BLAQUEZ button

Technical specifications : Ref. 532603

Number of inputs			4	
Number of outputs			1	
Bands		FM	DAB	UHF
Frequency range	MHz	87 ... 108	174 ... 230	470 ... 694
Number of filters		--	--	20
Gain	dB	19	50	55
Gain adjustment range	dB	0 ... 25	AGC	AGC
Manual regulation after auto-adjustment	dB	-5 ... 5	-5 ... 5	-3 ... 3
Slope regulation	dB	--	--	0 ... 5
Input level	dBµV	76 ... 101	50 ... 90	50 ... 90
Output level DIN45004B	dBµV	114	114	114
Output level EN50083	dBµV	121	121	121
Programmable output level	dBµV	70 ... 95	77 ... 102	80 ... 105
Noise figure	dB	7	7	7
Selectivity	dB	> 20	> 20	> 65
Input voltage	Vac		220 ... 230	
Mains frequency			50 Hz / 60 Hz	
Max. current	mA		90	
Max. power consumption	W		8	
Protection index (IP)			20	
Operating temperature	°C		-5 ... 45	