

A NEW EVOLUTIONARY STAGE

DIGITAL PROCESSING TECHNOLOGY
IMPLEMENTED ON TERRESTRIAL TV SIGNALS



**UP TO 32
INDIVIDUALLY
PROGRAMMABLE
FILTERS**

Single channel digital filtering,
even for adjacent channels



**DIGITAL PROCESSING
OF CHANNELS**

Output channels can be
frequency shifted



**AUTOMATIC SIGNAL
ADJUSTMENT IN EACH
FILTER (AGC)**

And output signal manual
regulation



**UHF/VHF DIGITAL
FILTERS WITH HIGH
SELECTIVITY**

30dB rejection (@ 1MHz)

Automatic internal adaptation of filters, depending on the LTE signal type (4G/5G)



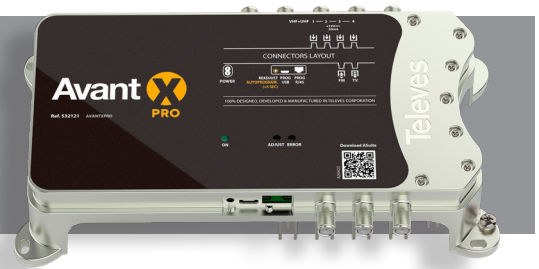
Compatible with **DVB-T** **DVB-T2**



Terrestrial signal level always stable and adapted to its optimum value

AVANT X PROGRAMMABLE HEADEND AMPLIFIER WITH DIGITAL FILTERING AND PROCESSING

- ✓ New size, even lighter and more compact 225x120x55mm
- ✓ Chassis made of Zamak. Improved screening attenuation
- ✓ SAW filters (Surface Acoustic Wave) against LTE interferences, with the best selectivity and stability
- ✓ All the inputs support UHF and VHF



MOREOVER (*):

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

Channel monitoring with DVB-T/T2 parameters: identification, level, CNR, CBER (DVB-T) or PER (DVB-T2)

Installation PDF report with settings and measures: using ASuite application

CHOOSE THE PROGRAMMING MODE YOU WISH...



WITH OUR CLASSIC UNIVERSAL PROGRAMMER (BACKWARDS COMPATIBLE)



A SIMPLE AND INTUITIVE APPLICATION FOR ANDROID AND PC USB connection (OTG cable)



INTELLIGENT AUTOMATIC PROGRAMMING WITH ONLY A BUTTON*

Ref. 532101: Basic

Ref. 532111: Basic SAT

Ref. 532121: Pro

Ref. 532131: Pro SAT

TECHNICAL SPECIFICATIONS

Inputs		VHF+UHF		FM	SAT
Nr. of inputs		4		1	1 (SAT version)
Frequency range	MHz	174 - 230	470 - 694 / 790 [automatic LTE]	87 - 108	950 - 2150
Maximum gain	dB	75 (version without SAT) 71 (version with SAT)		29 (version without SAT) 25 (version with SAT)	41
Nr. of filters		32		-	-
Nr. of channels per filter		1...4		-	-
Filter configuration		No restraints		-	-
Slope regulation	dB	-	0 - 5	-	0 - 15
Recommended input margin	dBμV	40 - 100	40 - 100	76 - 101	69 - 99
Gain regulation	dB	0 - 30 (auto)		0 - 25 / OFF	0 - 30
Manual regulation after auto-adjustment	dB	+/- 3		+/- 5	-
Output level [DIN45004B]	dBμV	122 (version without SAT), 118 (version with SAT)			
Output level [EN50083 IMD3 2CH -36dB]	dBμV	126 (version without SAT), 122 (version with SAT)			123
Programmable output level	dBμV	87-112 (v. without SAT)	90-115 (v. without SAT)	80-105 (v. without SAT)	-
		83-108 (v. with SAT)	86-111 (v. with SAT)	76-101 (v. with SAT)	-
Selectivity	dB	>30@+/-1MHz		>20 @+/-20MHz	>40 (87-862MHz)
Input powering	Vdc	12 (AUTO/ON/OFF)		-	13/17 (0/22 KHz)
Maximum current per input	mA	50			200 (local) / 400 (remote)
Mains voltage / frequency	Vac / Hz	196 - 254 / 50 - 60			
Total consumption	W	14 (version without SAT), 20 (version with SAT)			
Maximum operating temperature	°C	45			
Weight	gr	920			
Dimensions	mm	225x120x55			
Protection index	IP	20			

* Only in PRO versions