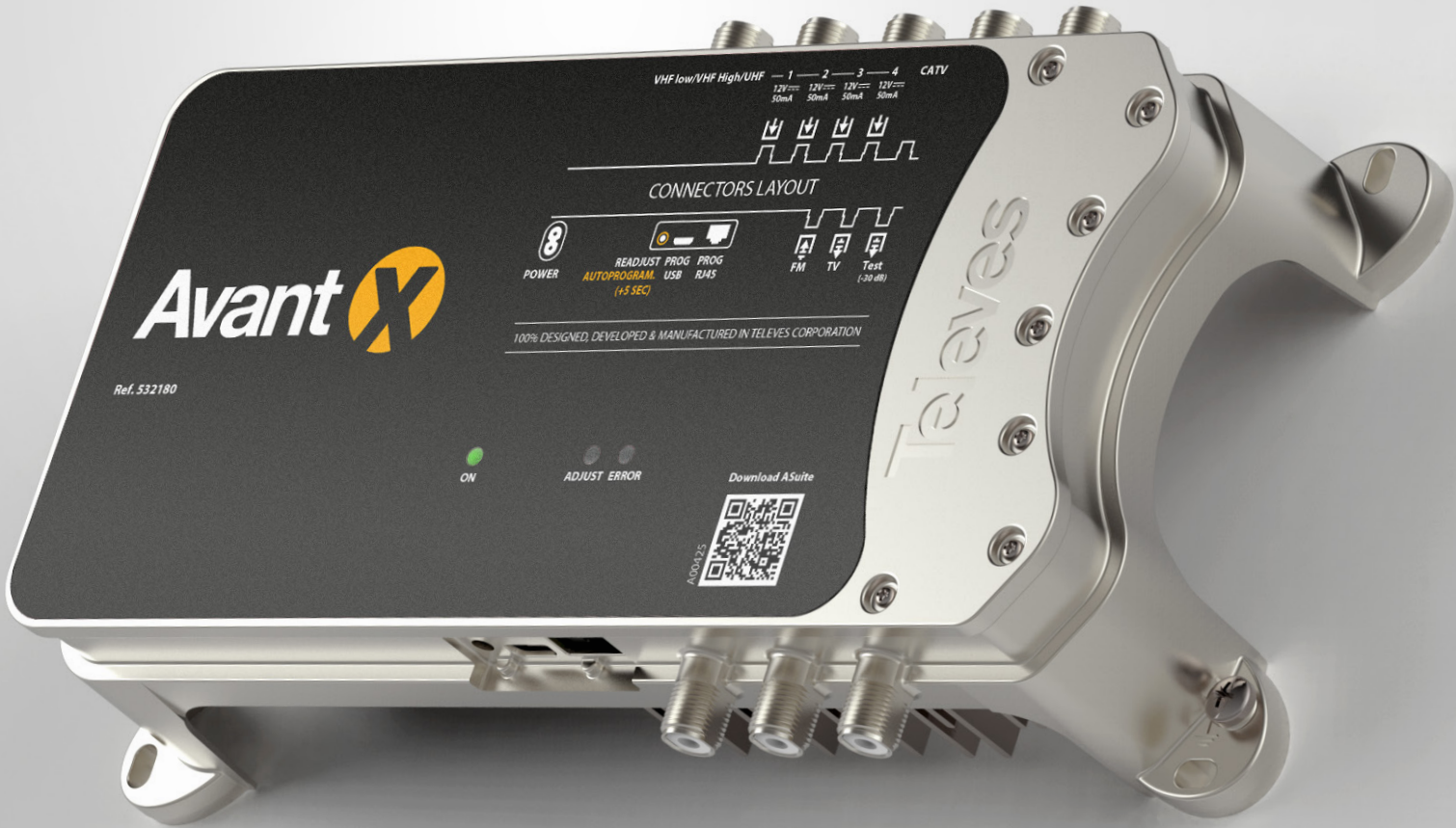


# A NEW EVOLUTIONARY STAGE

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  
ADJUSTMENT IN EACH  
FILTER (AGC)**

And output signal manual  
regulation



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

30dB rejection (@ 1MHz)

Automatic filtering LTE600/LTE700 (CH36/CH51)



Compatible with ISDB-T, ATSC, DVB-T2, DVB-T, NTSC



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 8.85" x 4.72" x 2.16"**
- ✓ **Chassis made of Zamak.** Improved RF shielding
- ✓ **SAW filter (Surface Acoustic Wave) against LTE interference,** with the best selectivity and stability
- ✓ All the inputs support UHF, HighVHF and LowVHF



Ref. 532180

## ADDITIONAL FEATURES:

**CATV signal input** with extended frequency range 54 - 1220 MHz

**Storage multiple setup configurations,** allows user to transfer data to other AVANT X units

**LED indicators** displaying both unit and signal status

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)

## TECHNICAL SPECIFICATIONS (REF. 532180)

Inputs		LowVHF+HighVHF+UHF	FM	CATV
Nr. of inputs		4	1	1
Frequency range	MHz	54-88/174-216/470-(608/698)	87 - 108	54-1220
Maximum gain	dB	75	21	45
Nr. of filters		32	-	-
Bandwidth per filter	MHz	6	-	-
Nr. of channels per filter		1...4	-	-
Filter configuration		Unlimited	-	-
Slope regulation	dB	0...8	-	0...18
Recommended input range	dBmV	-20...40	-	10...30
Gain regulation	dB	0...30 (auto)	0...25 / OFF	10...40
Manual regulation after auto-adjustment	dB	± 3	± 5	-
Output level (DIN45004B)	dBmV	55 (6 Mux)	-	55
Output level (EN50083 IMD3 2CH -36dB)	dBmV	30...55	20...45	-
Selectivity	dB	>28@ ±1MHz	>20 @ ±20MHz	-
Input powering	Vdc	12 (AUTO/ON/OFF)	-	-
Maximum current per input	mA	50	-	-
Mains voltage / frequency	Vac / Hz	196-254 / 50-60		
Total consumption	W	14		
Maximum operating temperature	°F	113		
Weight	lb	2.03		
Dimensions	in	8.85 x 4.72 x 2.16		
Protection index	IP	20		