

Avant3



PROGRAMMABLE HEADEND AMPLIFIER FOR DOMESTIC AND COMMERCIAL INSTALLATIONS



REF. 532740



PROTECT THE INSTALLATION FROM LTE/4G SIGNALS KEEPING AN OPTIMAL FREQUENCY RESPONSE

This programmable amplifier includes five filters that can be programmed to suit the DTT multiplexes received from the antenna. Filter programming is performed in both frequency and bandwidth in order to deal with signals on adjacent multiplexes. Each filter includes a **automatic gain control** (AGC) which keeps the output stable against fluctuations on the level of signal at its input. Moreover, the AVANT3 indicates by LEDs if the signal level is correct and also if the AGC is active.

✓ Product highlights

- Every UHF input has **anti LTE filtering**, so the TV signal is not affected by 4G telephony interferences.
- The **AGC** keeps a stable output level against fluctuations of the signal at the input.
- **Offset adjustment** for every filter.
- **Low consumption** (9W).

✓ Product range

REF.	DESCRIPTION	EAN 13
532740	AVANT 3 AMP. BI/FM-VHF-2UHF-INmix 5FILT.	8424450166185

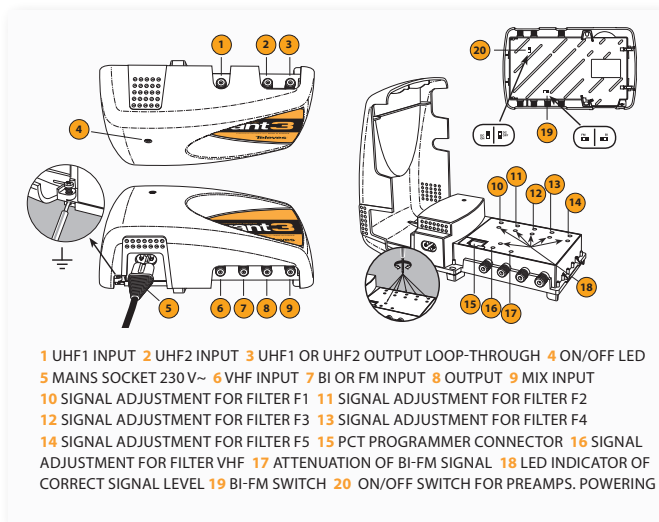
PROGRAMMABLE HEADEND AMPLIFIER FOR DOMESTIC AND COMMERCIAL INSTALLATIONS

A STABLE SIGNAL, EASY CONFIGURATION AND LOW CONSUMPTION

✓ Main features

- Ideal for **small multiple dwelling units**.
- Programmable by the **PCT universal programmer** or by **software**.
- **"Mix" input and output** to increase the number of filters by other AVANT3 units.

✓ Description



✓ Technical specifications

Inputs		UHF1	UHF2	BI / FM	VHF	IN MIX		
Output for cascading mount							OUT	
Band	MHz	470 - 790	47 - 68 / 87 - 108		174 - 406	47 - 406 / 470 - 862	470 - 790	
Filters per input		5 - 0	2 - 3	-	-	-	-	
No. of channels per filter		1 - 5 (BIV) / 1 - 7 (BV)	-	-	-	-	-	
Gain	dB	50±2	32±2 / 15±2		35±2	3±3 (INMIX - OUT)	0±2 (UHF1, UHF2 - UHF)	
Gain regulation	dB	-	0 - 18		0 - 15	-	-	
AGC filter range	dB	0 - 20	-		-	-	-	
Input level (max.)	dBμV	95	-		-	-	-	
Output level DIN45004B	dBμV	116	114		114	114/116	-	
Output level IMD3 (2ch -60dB)	dBμV	113	111		111	111/113	-	
Rejection	dB	20 (±16MHz)	20 (±20MHz)		15 (±40MHz)	-	-	
Noise figure	dB	7	7		7	-	-	
IN preamps. powering (12VdC)	mA	50	50		-	-	-	
Mains	Vac	196 - 264						
Max. power	W	9						
Protection index	IP	20						
Dimensions (Wid x Hei x Dep)	mm	200 x 120 x 30						

✓ Typical application

