

PROGRAMMABLE LAND-BASED HEADEND HIGH SELECTIVITY

STELLAR 200/300

A programmable unit with up to 32 output channels that processes, converts and amplifies digital terrestrial signals.

APPLICATION

Processing and distribution of TV and radio signals in individual and communal installations.

FEATURES

- 5 inputs:
 - Stellar 200: 1x FM, 1x VHF, 3x UHF.
 - Stellar 300: 1x FM, 1x VHF, 2x UHF, 1x SAT
- Up to 32 filters for VHF and UHF with the option to convert the output frequency.
- Automatic search and tuning of channels present on each VHF/UHF input, adding them to the channel list.
- Display of the input level of VHF and UHF transponders.
- AGC with wide input dynamic range (40–108 dB μ V).
- Selectable remote power supply for VHF and UHF pre-amplifiers.
- Selectable internal VHF/UHF pre-amplifier.
- High selectivity and rejection of adjacent channels.
- SAW filters with high rejection of the LTE 2 (5G) band.
- Test output (-30 dB).
- Programming via keypad or Android app.
- New display with higher brightness and resolution.
- Greater energy efficiency.
- New, more advanced and faster auto-configuration algorithm



Power supply	100–240 V
Power consumption	10 W
Operating temperature	-10 to 50 °C

MODEL		STELLAR 200			STELLAR 300				
Reference		35546			35591				
		FM	VHF	UHF	FM	VHF	UHF	SAT	
No. of inputs		1	1	3	1	1	2	1	
Band	MHz	88–108	174–230	470–694	88–108	174–230	470÷694	950–2150	
Operating input level		dBμV	<78	<108	<108	<78	<108	<108	68–88
Number of filters		32 programmable							
Return losses		>10							
Digital output level		dBμV	93 ÷ 115			89 ÷ 109			
Test output level		dB	-30			-			
Gain	dB	135	CAG		5/35	CAG		5 ÷ 45	
Outlet slope		dB	0–9			0 to 9		8	
Current range		NO	12V / 100mA (programmable)		NO	12V / 100mA (programmable)		13V–17V 0–22 kHz 150 mA (programmable)	
Packaging dimensions		mm	230 x 218 x 54						
Weight		kg	1.04						