

NEW faster and more advanced
autoconfiguration
ALGORITHM

Stellar



The programmable COFDM headend that shines beyond the stars

Programmable headend with up to 32 output channels that allows processing, converting, and amplifying digital signals from the terrestrial band.

FAGOR
ELECTRÓNICA



HIGH SELECTIVITY PROGRAMMABLE TERRESTRIAL HEADEND

STELLAR 200/300

Programmable control unit with up to 32 output channels for processing, converting and amplifying digital terrestrial band signals.

APPLICATION

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

CHARACTERISTICS

- 5 inputs:
 - Stellar 200: 1xFM, 1xVHF, 3xUHF.
 - Stellar 300: 1xFM, 1xVHF, 2xUHF, 1xSAT
- Up to 32 filters for VHF and UHF with the possibility of output frequency conversion.
- Automatic search and equalisation of the channels present at each VHF/UHF input, adding them to the channel list.
- VHF and UHF transponder input level indication.
- CAG with wide dynamic input range (40-108 dB μ V).
- Selectable VHF and UHF pre-feedback.
- Selectable VHF / UHF internal pre-amplifier.
- High selectivity and adjacent channel rejection.
- High rejection SAW filters for LTE 2 (5G) band performance.
- Test output (-30dB).
- Programming via keypad or Android application.
- New display with higher brightness and resolution.
- Greater energy efficiency.
- New more advanced and faster autoconfiguration algorithm.



Power supply	100 ÷ 240 V
Consumption	10 W
Operating temperature	-10 ÷ 50 °C

MODEL	STELLAR 200			STELLAR 300				
Reference	35546			35591				
Frecuency band	FM	VHF	UHF	FM	VHF	UHF	SAT	
Nbr. 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
Operative input level	dB μ V	<78	<108	<108	<78	<108	<108	68÷88
Nbr. of filters	32 programmables							
Return loss	>10							
Digital output level	dB μ V	93 ÷ 115			89 ÷ 109			
Test output level	dB	-30			-			
Gain	dB	135	AGC		5/35	AGC		5 ÷ 45
Tilt	dB	0 ÷ 9			0 ÷ 9			8
DC current pass		NO	12V / 100mA (programmable)		NO	12V / 100mA (programmable)		13V-17V 0-22KHz 150mA (programmable)
Dimensions	mm	230X218X54						
Weight	Kg	1,04						