

Terrestrial and satellite headend amplifiers. NBS



NBS-600

- Mid-power broadband amplifiers, for terrestrial and satellite signals in small installations.
- Two models :
NBS-604 (4 inputs BI/FM-BIII/DAB-2xUHF ; 1 output),
NBS-695 (5 inputs BI/FM-BIII/DAB-2xUHF-IF SAT ; 1 output)
- Interstage input attenuators.
- Powered by switching power supply, in removable box.
- By inserting a bridge, you can select the cutoff frequency low-pass filter in the upper UHF, switchable between 862 MHz and 790 MHz.
- Power passing to input.
- Zamak housing with protective cover for adjustment potentiometers.
- F Connectors. Wall fixing and indoor mounting. Grounding terminal.
- Compatible with UNICABLE™

Medium power amplifiers

MODEL		NBS-604	NBS-695
REF.		3529	3530
Inputs		4 BI/FM-BIII/DAB-2xUHF	5 BI/FM-BIII/DAB-2xUHF -IF-SAT
Frequency range	MHz	BI/FM: 45-112 BIII/DAB: 174-240 2xUHF: 470-862 / 470-790 *	BI/FM: 45-112 BIII/DAB: 174-240 2xUHF: 470-862 / 470-790 * IF-SAT: 950-2150
Gain	dB	BI/FM: 36 BIII/DAB: 36 2xUHF: 39	BI/FM: 36 BIII/DAB: 36 2xUHF: 39 IF-SAT: 34
Gain adjustment	dB	0 - 18	0 - 18
Slope control range	dB	—	IF-SAT : 0 / 6
Response flatness	dB	BI/FM: ±2 BIII/DAB: ±2 2xUHF: ±1,5	BI/FM: ±2 BIII/DAB: ±2 2xUHF: ±1,5 IF-SAT: ±2
Outputs		1	1
Output test	dB	-30	-30
Output level	dBµV	TV: 112 (DIN-45004B IMD -60 dB)	TV: 112 IF-SAT: 114 (EN 50083-3 IMD -35 dB)
Noise figure	dB	BI/FM: 7 BIII/DAB: 7 2xUHF: 8	BI/FM: 7 BIII/DAB: 7 2xUHF: 8 IF-SAT: 9
Input/output return loss	dB	10	TV: 10 IF-SAT: 6
Voltage/current preamplifier mast		UHF2: 12-24 V / 100 mA	UHF2: 12-24 V / 100 mA IF-SAT: 13-18V / 100 mA LNB: 0/22 kHz
Mains supply voltage	VAC	240 (+10% -15%)	240 (+10% -15%)
Consumption	W	8	11
Dimensions	mm	230 x 145 x 45	

* Switchable frequency range by inserting a plug-in bridge supplied.
1. Compatible with UNICABLE™

Low power amplifier

MODEL		NBS-204	
REF.		3516	
Inputs		4 BI-FM-BIII/DAB-UHF	
Frequency range	MHz	BI: 45-68 FM: 88-108 BIII/DAB: 174-240 UHF: 470-862/790*	
Gain	dB	BI: 31 FM: 31 BIII/DAB: 31 UHF: 31	
Gain adjustment	dB	BI-FM-BIII/DAB: 0 - 18 UHF: 0 - 15	
Slope control range	dB	—	
Response flatness	dB	BI-FM-BIII/DAB: ±2 UHF: ±2	
Outputs		1	
Output test	dB	-30	
Output level (DIN-45004B IMD -60 dB)	dBµV	106	
Noise figure	dB	BI-FM-BIII/DAB: 4.5 UHF: 5	
Input/output return loss	dB	10	
Mains supply voltage	VAC	240 (+10% -15%)	
Consumption	W	3	
Dimensions	mm	155 x 80 x 40	

* Switchable frequency range by inserting a plug-in bridge supplied.
1. Compatible with UNICABLE™

NBS-204

- Low-power broadband amplifiers, for terrestrial signals in small installations.
- Input attenuators.
- By inserting a bridge, you can select the cutoff frequency low-pass filter in the upper UHF, switchable between 862 MHz and 790 MHz.
- F Connectors. Wall fixing and indoor mounting.

