

Terrestrial and Satellite Amplification Headends

NBS801

REF. 3531

NBS804

REF. 3532

NBS824

REF. 3533

NBS895

REF. 3534

- High-power broadband amplifiers, for terrestrial and satellite signals in small installations.
- Four models: NBS-801 (1 broadband input ; 1 output),
NBS-804 (4 inputs BI/FM-BIII/DAB-2xUHF ; 1 output)
NBS-824 (4 inputs BI/FM-BIII/DAB-UHF1-UHF2 ; 1 output)
NBS-895 (5 inputs BI/FM-BIII/DAB-2xUHF-IF SAT ; 1 output)
- Input attenuators interstage.
- 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.



Model		NBS-801	NBS-804	NBS-824	NBS-895
Ref.		3531	3532	3533	3534
Inputs		1	4 BI/FM-BIII/DAB-2xUHF	4 BI/FM-BIII/DAB- UHF1-UHF2	5 BI/FM-BIII/DAB-2xUHF -IF SAT
Frequency range	MHz	45-862 / 45-790 *	BI/FM: 45-112 BIII/DAB: 174-240 2xUHF: 470-862 / 470-790 *	BI/FM: 45-112 BIII/DAB: 174-240 UHF1: 470-606 ** UHF2: 606-862 * ** 606-790 *	BI/FM: 45-112 BIII/DAB: 174-240 2xUHF: 470-862 / 470-790 * IF SAT: 950-2150
Gain	dB	42	BI/FM: 42 BIII/DAB: 42 2xUHF: 45	BI/FM: 42 BIII/DAB: 42 UHF1: 45 UHF2: 45	BI/FM: 42 BIII/DAB: 42 2xUHF: 45 IF SAT: 40
Gain adjustment	dB	0 - 18	0 - 18	0 - 18	0 - 18
Slope control range	dB	0 - 12	—	—	IF SAT : 0 / 6
Response flatness	dB	±2	BI/FM: ±2 BIII/DAB: ±2 2xUHF: ±1,5	BI/FM: ±2 BIII/DAB: ±2 UHF1: ±1,5 UHF2: ±1,5	BI/FM: ±2 BIII/DAB: ±2 2xUHF: ±1,5 IF SAT: ±2
Output		1	1	1	1
Output test	dB	-30	-30	-30	-30
RF output level	dBμV	TV: 118 (DIN-45004B IMD -60 dB)	TV: 118 (DIN-45004B IMD -60 dB)	TV: 118 (DIN-45004B IMD -60 dB)	TV: 118 IF SAT: 120 (EN 50083-3 IMD -35 dB)
Noise figure	dB	6	BI/FM: 7 BIII/DAB: 7 2xUHF: 8	BI/FM: 7 BIII/DAB: 7 UHF1: 8 UHF2: 8	BI/FM: 7 BIII/DAB: 7 2xUHF: 8 IF SAT: 9
Input/output return loss	dB	10	10	10	TV: 10 FI-SAT: 6
Voltage/current preamplifier mast		12-24V / 100mA	UHF2: 12-24 V / 100 mA	UHF1,2: 12-24V / 100mA	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%)	240 (+10% -15%)	240 (+10% -15%)
Consumption	W	11	11	11	16
Dimensions (width x height x depth)	mm	230 x 145 x 43			

* Switchable frequency range by inserting a plug-in bridge supplied.

** Other crossover channels on request.

1. Compatible with UNICABLE™