

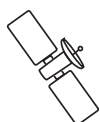


**IKUSI**  
velatia

smartexperience

## Terrestrial and Satellite headend amplifiers

Amplifies, equalizes and combines analog or digital radio and television signals in medium size facilities.



Designed for installations with  
satellite signal



Adapted to the first and second  
digital dividend



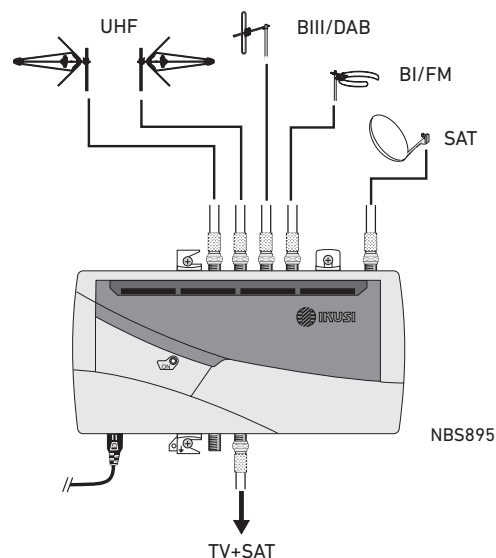
Interstage input attenuators  
equipments

**NBS800/600**

Within the range of broadband amplifiers, we present the 5 models of programmable power stations for terrestrial and satellite signals, each model has a frequency cut adapted to a future evolution of the Digital Dividend.

### Main features

- Adapted to the first and second digital dividend.
- High-power broadband amplifiers, for terrestrial and satellite signals in small installations. NBS800 series high-power broadband amplifiers, NBS600 series mid-power broadband amplifiers.
- Interstage input attenuators.
- Powered by switching power supply, in removable box.
- Power passing to input.
- Zamak housing with protective cover for adjustment potentiometers.
- F Connectors. Wall fixing and indoor mounting. Grounding terminal.
- Compatible with UNICABLE TM.



Model (Ref.)	NBS801-C69 (3571) NBS801-C60 (3572) NBS801-C48 (3573)	NBS804-C69 (3562) NBS804-C60 (3563) NBS804-C48 (3564)	NBS604-C69 (3565) NBS604-C60 (3566) NBS604-C48 (3567)	NBS895-C69 (3574) NBS895-C60 (3575) NBS895-C48 (3576)	NBS695-C69 (3568) NBS695-C60 (3569) NBS695-C48 (3570)
EAN Code	(3571) 8435136435716 (3572) 8435136435723 (3573) 8435136435730	(3562) 8435136435624 (3563) 8435136435631 (3564) 8435136435648	(3565) 8435136435655 (3566) 8435136435662 (3567) 8435136435679	(3574) 8435136435747 (3575) 8435136435754 (3576) 8435136435761	(3568) 8435136435686 (3569) 8435136435693 (3570) 8435136435709
Inputs	1	4 BI/FM - BIII/DAB - 2xUHF		5 BI/FM - BIII/DAB - 2xUHF - SAT IF	
Frequency range	MHz 45-862 NBS801-C69 45-790 NBS801-C60 45-694 NBS801-C48	BI/FM: 45-112 BIII/DAB: 174-240 2xUHF: 470-862 NBS804/604-C69 470-790 NBS804/604-C60 470-694 NBS804/604-C48		BI/FM: 45-112 BIII/DAB: 174-240 2xUHF: 470-862 NBS895/695-C69 470-790 NBS895/695-C60 470-694 NBS895/695-C48 FI-SAT: 950-2400	
Gain	dB 42	BI/FM: 42 BIII/DAB: 42 2xUHF: 45	36 36 39	BI/FM: 42 BIII/DAB: 42 2xUHF: 45 SAT IF: 40	36 36 39 34
Gain adjustment	dB 0 - 18	0 - 18		0 - 18	
Slope control range	dB 0 - 12 	-		SAT IF: 0 / 6 	
Response flatness	dB ±2	BI/FM: ±2 BIII/DAB: ±2 2xUHF: ±1,5		BI/FM: ±2 BIII/DAB: ±2 2xUHF: ±1,5 SAT IF: ±2	
Outputs	1	1		1	
Outputs test	dB -30	-30		-30	
Output level	dBμV * 118	BI/FM: 118 BIII/DAB: 118 2xUHF: 118	BI/FM: 112 BIII/DAB: 112 2xUHF: 112	BI/FM: 118 BIII/DAB: 118 2xUHF: 118 ** SAT IF: 120	BI/FM: 112 BIII/DAB: 112 2xUHF: 112 ** SAT IF: 114
Noise figure	dB 6	BI/FM: 6 BIII/DAB: 6 2xUHF: 8		BI/FM: 6 BIII/DAB: 6 2xUHF: 8 SAT IF: 9	
Input/output return loss	dB 10	10		BI/FM-BIII/DAB-2xUHF: 10 SAT IF: 6	
Voltage/current preamplifier mast	12-24V 100mA	UHF2: 12-24V 100 mA		UHF2: 0-12-24 V · 100 mA SAT IF: 0-13-18V · 100 mA LNB: 0-22 kHz	
Mains supply voltage (+10% -15%)	Vac 230-240	230-240		230-240	
Consumption	W 8	8	5	16	8

\* (DIN-45004B IMD -60 dB)  
\*\* (EN 50083-3 IMD -35 dB)

• NBS895 and NBS695 Compatible with UNICABLE™