

MAST AMPLIFIERS NOVUS SERIES

NOVUS MAST

- ✓ 3 inputs (1 x FM + BIII + DAB, 1 UHF, 1 UHF)
- ✓ 2 outputs (TER / TEST -6dB)
- ✓ Output level 94dBuV (DIN45004B) / 86dBuV (10MUX)
- ✓ 32 ultra-selective digital filters
- ✓ Gain >50dB auto-regulated
- ✓ Automatic search for digital multiplexes
- ✓ Joystick programming
- ✓ VISUAL mode for filter adjustment and editing without a screen (EK patented), using a field strength meter.
- ✓ Processing functionality for channel conversion
- ✓ Individual output level adjustment
- ✓ Real-time automatic gain control
- ✓ 12V preamplifier power supply
- ✓ easy mAgnek system - patented and exclusive by EK.



Exclusive EK
magnetic
pre-fixing

NOVUS MAST



VISUAL
Mode

PATENTED
DESIGN
by Ek



Intuitive configuration
via multi-directional
joystick



Manual and
automatic
programming



Configuración del
nivel de salida de
cada MUX de forma
independiente



Channel
conversion



New hardware
with top-quality
and highly reliable
components



Power supply
FA 12S 500*
required

*Sold separately



Extended
warranty (*)

(*) Register at
www.ek.plus



TECHNICAL INFORMATION

REFERENCE	NOVUS MAST		
Code	071022		
	UHF1	UHF2	FM/BIII/DAB
Inputs	1	1	1
Frequency range	470- 694MHz	470- 694MHz	88-240 MHz
Max. gain	>50dB Autoreg	>40dB Autoreg	12dB
Input sensitivity (AUTOSEARCH) typ.	40dBuV	50dBuV	-
Number of filters	32*		-
Attenuation control (general)	0...20dB+AGC		0...20dB
Attenuation control (individual)	0...10dB		-
Max. input level (Total)	94dBuV	100dBuV	-
Max. output level	94dBuV (DIN45004B)		-
Max. output level (10MUX)	86dBuV		-
RF outputs	TER / TEST -6dB		
Noise figure	-		<6dB
Preamp power supply	-	12V 100mA máx	-
Power supply	12V DC*		
Power consumption	<4W		
Operational temperature range	-10...45°C		
VISUAL mode	Screenless filter adjustment and editing		-

*Power supply FA 12S 500 sold separately

REFERENCE		FA 12S 500
Code		052007
Outputs	Nº	2
Frequencies	MHz	47-862
Passband loss	dB	<4
Output voltage	Vdc	12
Maximum current	mA	500
Power supply	Vac	100/240

