



EKSELANS BY ITS

DIGITAL PROGRAMMABLE AMPLIFIER








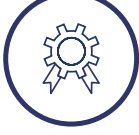

NOVUS

- ✓ 3 inputs (1 x FM + BIII + DAB, 1 UHF, 1 UHF)
- ✓ 2 outputs (TER / TEST -15dB)
- ✓ Output level 110dBuV (DIN45004B) / 105dBuV (10MUX)
- ✓ 32 ultra-selective digital filters
- ✓ Gain >65dB auto-regulated
- ✓ Automatic search for digital multiplexes
- ✓ Joystick programming Simple navigation through the menu
- ✓ Processing functionality for channel conversion
- ✓ Individual output level adjustment
- ✓ Real-time automatic gain control
- ✓ 12V preamplifier power supply
- ✓ TEST mode to identify installation defects
- ✓ SPECTRUM mode for quick filter visualization and editing
- ✓ VISUAL mode for filter adjustment and editing without a screen (EK Patented)
- ✓ Status monitor for internal operation diagnostics



NOVUS

PATENTED DESIGN by Ek

 VISUAL Mode	 Spectrum Mode	 TEST Mode
 STATUS Mode	 High-quality OLED screen	 Intuitive configuration via multi-directional joystick
 Manual and automatic programming	 Independent output level configuration for each MUX	 Channel conversion
 New hardware with top-quality and highly reliable components	 Extended warranty (*)	

(*) Register at www.ek.plus

TECHNICAL TABLE

REFERENCE	NOVUS		
Code	071023		
	UHF1	UHF2	FM/BIII/DAB
Inputs	1	1	1
Frequency range	470- 694MHz	470- 862MHz	88-240 MHz
Max. gain	>65dB Autoreg	>55dB Autoreg	12dB
Input sensitivity (AUTOSEARCH) typ.	40dBuV	50dBuV	-
Number of filters	32*		-
Filter selectivity	Optimal/Smooth		-
Attenuation control (general)	0...20dB+AGC		0...20dB
Attenuation control (individual)	0...10dB		-
Slope	0...10dB		-
Max. input level (total)	90dBuV	100dBuV	-
Max. output level	110dBuV (DIN45004B)		-
Max. output level (10MUX)	105dBuV		-
RF outputs	TER / TEST -15dB		
Noise figure	-		<6dB
Preamp/LNB power supply	-	12V 100mA máx	-
Power supply	12V DC		
Power consumption	<5W		
Operational temperature range	-10...45°C		
Display	OLED		
Status monitor	Internal temperature		
TEST mode	Installation verification		
SPECTRUM mode	Quick filter visualization and editing		
VISUAL mode	Filter adjustment and editing without a screen		
Language	Spanish/English/French/Italian		
FW update	PC connection via USB		
Password	4-digit PIN		