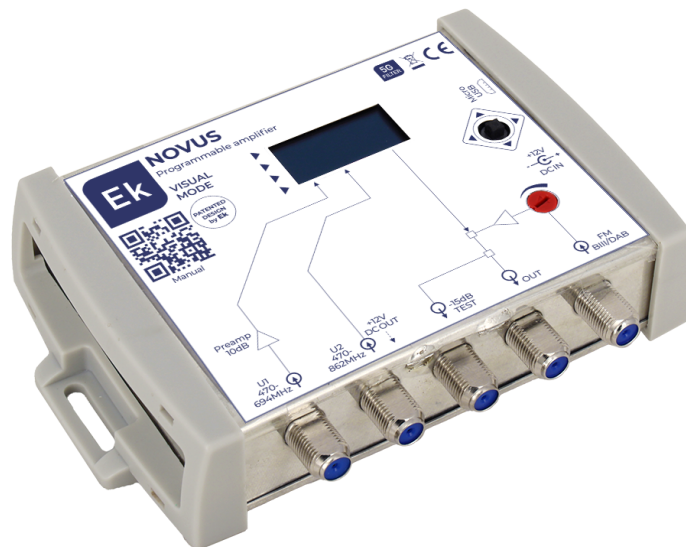


NOVUS

32-channel amplifier center with integrated filtering

DESCRIPTION

Amplifier with 32 ultra-selective UHF filters. 1 UHF input ($G > 55\text{dB}$), 1 UHF input with internal preamplifier ($G > 65\text{dB}$), 1 FM-DAB-BIII input ($G > 12\text{dB}$). 12V power supply for external preamplifiers. Output level: $113\text{dB}\mu\text{V}$ (DIN 45004B). Automatic programming and individual filter adjustment via Visual Mode. Integrated installation fault detection.



ADVANTAGES

- Precise amplification with 32 ultra-selective UHF filters and gain $> 55\text{ dB}$ (UHF input) and $> 65\text{ dB}$ (internal preamplifier)
- Integrated 12V power supply for external preamplifiers
- Automatic filter programming and adjustment via Visual Mode
- Built-in installation fault detection for quick maintenance



CONSTRUCTION & TECHNICAL PERFORMANCE

Screen UHF 1/ UHF 2	OLED
FM / DAB+ Screen	OLED
Inputs FM/ DAB + (Nombre)	1
Inputs UHF 1/ UHF 2 (Nombre)	1
FM / DAB+ Password	4-digit PIN
UHF 1 / UHF 2 Password	4-digit PIN / 4-digit PIN
Maximum Gain (dB)	65/55
Weight (Kg/U)	1.00

ELECTRICAL CHARACTERISTICS

Power Supply Unit FM/ DAB + (Vdc)	12V / 1,2A
Power Supply Unit Inclus UHF1/ UHF2 (Vdc)	12V / 1,2A
Power Consumption UHF1/ UHF2 (W)	<5
Consumption FM/ DAB + (W)	<5
Noise Figure FM/ DAB + (dB)	<6
Maximum Gain (dB)	65/55
Maximum Gain. FM/ DAB + (dBi)	12
Output Level (10MUX) UHF 1/ UHF 2 (dBμv)	105
Output Level Din 45004B UHF1/ UHF2 - Bii/ UHF - DAB/ UHF _ DAB + (dBμv)	110 /110
Input Level Max. UHF 1/ UHF 2 (dBμv)	90 / 100
Slope UHF 1/ UHF 2(dB)	0..10 / 0..10
Selectivity Filter UHF (N°)	OPTIMAL / DOUX
Sensitivity of Input UHF 1/ UHF 2 (dB)	UHF 1 : 40 UHF 2 :50
RF Outputs FM/ DAB + (dB)	TER / TEST -15dB
RF Outputs UHF (dB)	TER / TEST -15dB
Remote Power Feed UHF 1 UHF 2 (Vdc)	UHF 1 : 12V - 100mA UHF 2 : -
Supply Voltage FM/ DAB + (VAC/ HZ)	100-240 / 50-60
Supply Voltage UHF (VAC/ HZ)	100-240 / 50-60

TRANSMISSION CHARACTERISTICS

Attenuation FM/ DAB + (dB)	0...20
Attenuation UHF 1/ UHF 2 (dB)	0..20 + CAG
Frequency Bands UHF 1/ UHF 2 (MHZ)	UHF 1 : 47-694 UHF 2 : 47-862

MECHANICAL CHARACTERISTICS

Connectors UHF 1/ UHF 2	F
Connectors FM/ DAB +	F
Temperature Range FM/ DAB + (°C)	-10..+45
Temperature Range UHF 1/ UHF 2 (°C)	uhf 1 : -10..+45/ uhf 2 : -10..+45