

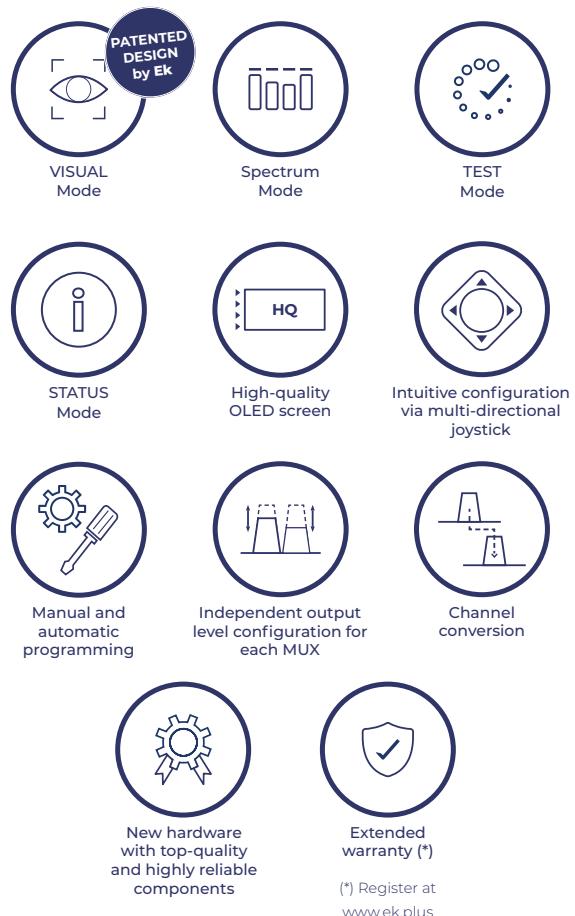
DIGITAL PROGRAMMABLE AMPLIFIER

NOVUS

- ✓ 3 inputs (1 x FM + BIII + DAB, 1 UHF, 1 UHF)
- ✓ 2 outputs (TER / TEST -15dB)
- ✓ Output level 110dBuV (DIN45004B) / 105dBuV (IOMUX)
- ✓ 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



TECHNICAL TABLE

| REFERENCE | NOVUS | | |
|-------------------------------------|--|------------------|-------------|
| Code | 07I023 | | |
| | 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 Supply Unit | 12V / 1.2Amp (included) | | |
| 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 | | |