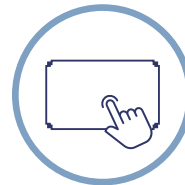
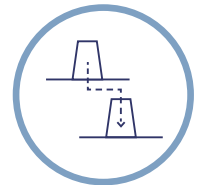
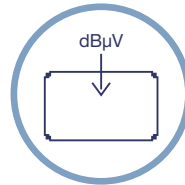


Ek**EKSELANS BY ITS**

DIGITAL PROGRAMMABLE AMPLIFIER

≡ K S ≡ L 432 ICT**2DD**

- ✓ Programmable digital amplifier with ultraselective filters
- ✓ 5 inputs (2 x UHF, 1 x FM, 1 x DAB / VHF-UHF selectable, 1 x SAT)
- ✓ 3 outputs (TER / TER + SAT / TEST -30dB)
- ✓ 32 ultra-selective digital filters
- ✓ Gain > 55dB (DTT) / 40dB (SAT)
- ✓ DTT output level 118dBuV (45004B) / 129dBuV (IMD3-36dB)
- ✓ SAT 119dBuV output level (IMD-35dB)
- ✓ Possibility of frequency conversion
- ✓ Automatic gain control
- ✓ Manual programming (display + joystick) and automatic (automatic search and adjustment)

**EKSEL 432 ICT****MANUAL PROGRAMMING
AND AUTOMATIC****CONVERSION
OF CHANNELS****LEVEL MEASUREMENT
INPUT****AUTOMATIC GAIN
CONTROL****MANUAL PROGRAMMING
(DISPLAY + JOYSTICK)****HIGH
SELECTIVITY****COMPATIBLE SECOND
DIVIDEND**



TECHNICAL TABLES

REFERENCE	EKSEL 432 ICT			
Code	071012			
	UHF	DAB/ BIII/ UHF	FM	SAT
Inputs	2	1	1	1
Frequency range	470 – 862 MHz	DAB 195-223MHz BIII 174-230MHz UHF 470-694/790/862MHz	88-108 MHz	950-2150 MHz
Max. gain	>55dB	>55dB	35dB	40dB
Number of filters	32	32*	-	-
Channels per filter	1	1	-	-
Selectivity	>30@+/-1MHz	>30@+/-1MHz	>20@+/-20MHz	
Equalizer	0..6	0..6	-	0..9
Attenuation control	0..20dB	0..20dB	0..20dB	0..20dB
Max. input level	110dBμV	110dBμV	-	-
Max. output level (DIN45004B)	116dBμV (UHF/VHF); > 119 dBμV SAT (35 dB)			
Max. output level (EN50083 IMD3 2CH -36dB)	>131dBμV (terrestre)			
Noise figure	-	-	<6dB	<8dB
Isolation	>35dB@+/-1MHz	>35dB@+/-1MHz	>20dB@+/-20MHz	>40dB(5-862MHz)
Preamp. power supply	12V/24V/OFF		-	13V/17V, 22kHz
Max. preamplifier energy consumption	***		-	300mA
Power supply	100-254 V/ 50 - 60 Hz			
Energy consumption	<25W			
Operational temperature range	0..50°C			
USB Port	USB 2.0/3.0 tipo A			
Screen	2 líneas, 16 caracteres			
Connector type	F			
RF output	SAT+ TER/ TER/ TEST -30dB			
Dimensions	26 x 19 x 5cm			

** Number of filters for UHF inputs. If the DAB input is selected, 6 filters will be assigned to this band and 26 to the UHF inputs