

DIGITAL PROGRAMMABLE AMPLIFIER

≡ K S ≡ L COMPACT

≡ K S ≡ L COMPACT ICT

2DD

- ✓ 32 ultra-selective digital filters
- ✓ Gain >70dB autoreg.
- ✓ Automatic digital multiplex search
- ✓ Programming with buttons and display. Simple navigation through the menu
- ✓ Processing functionality for channel conversion
- ✓ Automatic gain control in real time
- ✓ Preamp Power Option
- ✓ Possibility of remote power supply through the output connector

EKSEL COMPACT

- ✓ 4 inputs (1 x FM, 1 x VHF + DAB + UHF selectable, 2 x VHF/UHF selectable)
- ✓ 2 outputs (TER / TEST -30dB)
- ✓ Output level 120dBuV (45004B) / 131dBuV (IMD3-36dB)

EKSEL COMPACT ICT

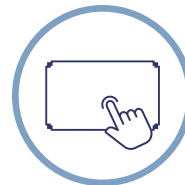
- ✓ 5 inputs (1 x FM, 1 x VHF + DAB + UHF selectable, 2 x VHF/UHF selectable 1 x SAT)
- ✓ 3 outputs (TER / TER + SAT / TEST -30dB)
- ✓ Output level TDT 118dBuV (45004B) / 129dBuV (IMD3-36dB) Output level SAT 119dBuV (IMD3-35dB)



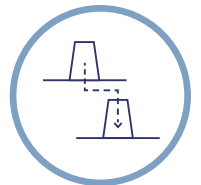
EKSEL COMPACT



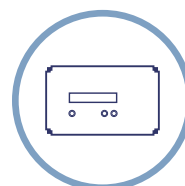
EKSEL COMPACT ICT



MANUAL PROGRAMMING
AND AUTOMATIC



CONVERSION
OF CHANNELS



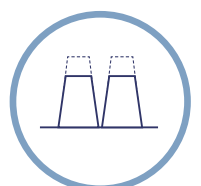
PROGRAMMING WITH
BUTTONS



AUTOMATIC GAIN
CONTROL



COMPATIBLE SECOND
DIVIDEND



HIGH
SELECTIVITY



TECHNICAL TABLE

REFERENCE	EKSEL COMPACT		
Code	071015		
	BIII/UHF	FM	DAB/ BIII/ UHF
Inputs	2	1	1
Frequency range	BIII 174-230MHz UHF 470-694/790/ 862MHz	88-108 MHz	DAB 195-223MHz BIII 174-230MHz UHF 470-694/790/ 862MHz
Max. gain	>70dB autoreg.	35dB	>70dB autoreg.
Input sensitivity (Auto search) typ	48dB μ V	-	48dB μ V
Input sensitivity (Manual search) (Watchdog off) Typ	43dB μ V	-	43dB μ V
Number of filters	32*	-	32*
Channels per filter	1	-	1
Equalizer	0.6	-	0.6
Attenuation control	0...20dB+ACC	0...20dB	0...20dB+ACC
Max. input level	110dB μ V	-	110dB μ V
Max. output level (DIN45004B)	120dB μ V		
Max. output level (EN50083 IMD3 2CH -36dB)	128-131dB μ V		
Noise figure	-	<6dB	-
Isolation	>35dB@+/-1MHz	>20dB@+/-20MHz	>35dB@+/-1MHz
Max. preamplifier energy consumption	12Vdc/OFF	-	12Vdc/OFF
Power supply	100-240Vac / 50-60Hz 12Vdc remote power option through the output connector		
Energy consumption	<8W		
Operational temperature range	-10...45°C		
Screen	2 líneas, 16 caracteres		
Connector type	F		
RF output	TER / TEST -30dB		

** 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

REFERENCE	EKSEL COMPACT ICT			
Code	071016			
	BIII/UHF	FM	DAB/ BIII/ UHF	SAT
Inputs	2	1	1	1
Frequency range	BIII 174-230MHz UHF 470- 694/790/862MHz	88-108 MHz	DAB 195-223MHz BIII 174-230MHz UHF 470-694/790/862MHz	950-2150 MHz
Max. gain	>70dB autoreg.	35dB	>70dB autoreg.	40dB
Input sensitivity (Auto search) typ	48dB μ V	-	48dB μ V	
Input sensitivity (Manual search) (Watchdog off) Typ	43dB μ V	-	43dB μ V	
Number of filters	32*	-	32*	-
Channels per filter	1	-	1	-
Equalizer	0.6	-	0.6	0...9
Attenuation control	0...20dB+ACC	0...20dB	0...20dB+ACC	0...20dB
Max. input level	110dB μ V	-	110dB μ V	-
Max. output level (DIN45004B)	118dB μ V (UHF/VHF); > 119 dB μ V SAT (35 dB)			
Max. output level (EN50083 IMD3 2CH -36dB)	>131dB μ V (terrestrial)			
Noise figure	-	<6dB	-	<8dB
Isolation	>35dB@+/-1MHz	>20dB@+/-20MHz	>35dB@+/-1MHz	>40dB(5-862MHz)
Max. preamplifier energy consumption	***		-	300mA
Power supply	100-240Vac / 50-60Hz 12Vdc remote power option through the output connector			
Energy consumption	<10W			
Operational temperature range	-10...45°C			
Screen	2 líneas, 16 caracteres			
Connector type	F			
RF output	SAT+ TER/ TER/ TEST -30dB			

** 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