

# DIGITAL PROGRAMMABLE AMPLIFIER

**E K S E L COMPACT PLUS**

**E K S E L COMPACT ICT PLUS**

**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 PLUS

- ✓ 4 inputs (1 x FM, 1 x VHF + DAB + UHF selectable, 2 x VHF/UHF selectable)
- ✓ 2 outputs (TER / TEST -30dB)
- ✓ Output level 125dBuV (45004B) / 136dBuV (IMD3-36dB)

## EKSEL COMPACT ICT PLUS

- ✓ 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 123dBuV (45004B) / 134dBuV (IMD3-36dB) Output level SAT 119dBuV (IMD3-35dB)

**Ek**

**EKSELANS BY ITS**

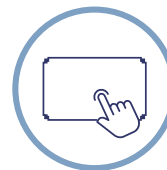


**EKSEL COMPACT PLUS**

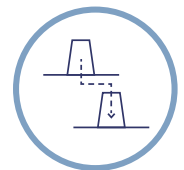
**HIGHER  
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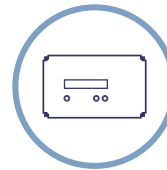
**EKSEL COMPACT ICT PLUS**



**MANUAL AND AUTOMATIC PROGRAMMING**



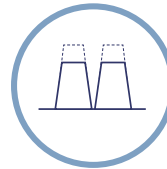
**CHANNELS CONVERSION**



**PROGRAMMING WITH BUTTONS**



**AUTOMATIC GAIN CONTROL**



**HIGH SELECTIVITY**



**PC SOFTWARE AVAILABLE**



## TECHNICAL TABLE

REFERENCE	EKSEL COMPACT PLUS		
Code	071018		
	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 $\mu$ V	-	48dB $\mu$ V
Input sensitivity (Manual search) (Watchdog off) Typ	43dB $\mu$ V	-	43dB $\mu$ 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 $\mu$ V	-	110dB $\mu$ V
Max. output level (DIN45004B)	125dB $\mu$ V		
Max. output level (EN50083 IMD3 2CH -36dB)	136dB $\mu$ 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 PLUS			
Code	071019			
	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 $\mu$ V	-	48dB $\mu$ V	
Input sensitivity (Manual search) (Watchdog off) Typ	43dB $\mu$ V	-	43dB $\mu$ 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 $\mu$ V	-	110dB $\mu$ V	-
Max. output level (DIN45004B)	123dB $\mu$ V (UHF/VHF); > 119 dB $\mu$ V SAT (35 dB)			
Max. output level (EN50083 IMD3 2CH -36dB)	>134dB $\mu$ 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