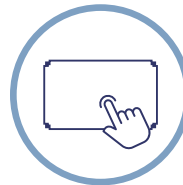
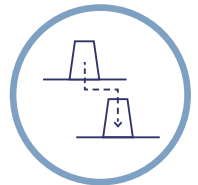
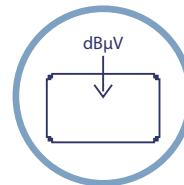
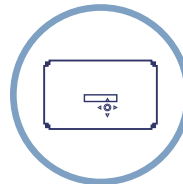
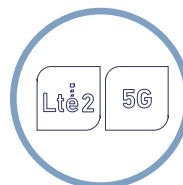


**Ek****EKSELANS BY ITS**

# DIGITAL PROGRAMMABLE AMPLIFIER

**E K S E L 632****2DD**

- ✓ Programmable digital amplifier with ultraselective filters
- ✓ 6 inputs (3 x UHF-VHF selectable, 1 x FM, 1 x DAB / VHF-UHF selectable, 1 x AUX)
- ✓ 2 outputs (TER / TEST -30dB)
- ✓ 32 ultra-selective digital filters
- ✓ Gain > 55dB
- ✓ Output level 122dBuV (45004B) / 133dBuV (IMD3-36dB)
- ✓ Possibility of frequency conversion
- ✓ Automatic gain control
- ✓ Manual programming (display + joystick) and automatic (automatic search and adjustment)

**EKSEL 632****MANUAL PROGRAMMING  
AND AUTOMATIC****CONVERSION****LEVEL MEASUREMENT  
INPUT****AUTOMATIC GAIN  
CONTROL****MANUAL PROGRAMMING  
(DISPLAY + JOYSTICK)****HIGH  
SELECTIVITY****COMPATIBLE SECOND  
DIVIDEND**



## TECHNICAL TABLES

REFERENCE	EKSEL 632			
Code	071013			
	UHF/VHF	FM	AUX - option	DAB/ BIII/ UHF
Inputs	3	1	1	1
Frequency range	174 – 862 MHz	88-108 MHz	47-862 MHz	DAB 195-223MHz BIII 174-230MHz UHF 470-694/790/862MHz
Max. gain	>55dB	35dB	20dB	>55dB
Number of filters	32*	-	-	32*
Channels per filter	1	-	-	1*
Selectivity	>30@+/-1MHz	>20@+/-20MHz	-	>30@+/-1MHz
Equalizer	0..6	-	-	0..6
Attenuation control	0..20dB	0..20dB	0..20dB	0..20dB
Max. input level	110dB $\mu$ V	-	110dB $\mu$ V	110dB $\mu$ V
Max. output level (DIN45004B)	>122dB $\mu$ V (terrestre; 60 dB)			
Max. output level (EN50083 IMD3 2CH -36dB)	>134dB $\mu$ V (terrestre)			
Noise figure	-	<6dB	<6dB**	-
Isolation	>35dB@ +/-1MHz	>20dB@ +/-20MHz	>30dB	>35dB@ +/-1MHz
Preamp. power supply	12V/24V/OFF	-	-	
Max. preamplifier energy consumption	***	-	-	***
Power supply	100-254 V/ 50 - 60 Hz			
Energy consumption	<25W TERR**			
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	TERR/ 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