

# DIGITAL PROGRAMMABLE AMPLIFIER

## ≡ K S ≡ L 632

### 2DD

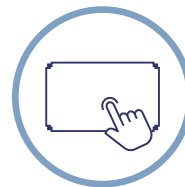
- ✓ Programmable digital amplifier with ultraselective filters
- ✓ 6 inputs (3 x UHF-VHF selectable, 1 x FM, 1 x DAB / VHF-UHF selectable, 1 x AUX)
- ✓ 2 outputs (TER / TEST -30dB)
- ✓ 32 ultra-selective digital filters
- ✓ Gain > 55dB
- ✓ Output level 122dBuV (45004B) / 133dBuV (IMD3-36dB)
- ✓ Possibility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

# Ek

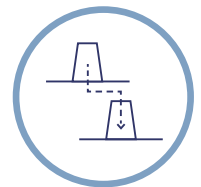
## EKSELANS BY ITS



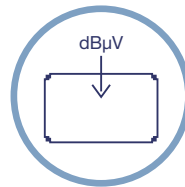
EKSEL 632



MANUAL PROGRAMMING  
AND AUTOMATIC



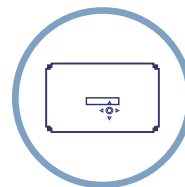
CONVERSION  
OF CHANNELS



LEVEL MEASUREMENT  
INPUT



AUTOMATIC GAIN  
CONTROL



MANUAL PROGRAMMING  
(DISPLAY + JOYSTICK)



HIGH  
SELECTIVITY



COMPATIBLE SECOND  
DIVIDEND



## TECHNICAL TABLES

REFERENCE	EKSEL 632			
Code	071013			
	UHF/ VHF	FM	AUX - option	DAB/ VHF/ UHF
Inputs	3	1	1	1
Frequency range	174 - 862 MHz	88-108 MHz	47-862 MHz	195-223 MHz
Max. gain	>55dB	35dB	20dB	>55dB
Number of filters	32*	-	-	32*
Channels per filter	1	-	-	1*
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 lineas, 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