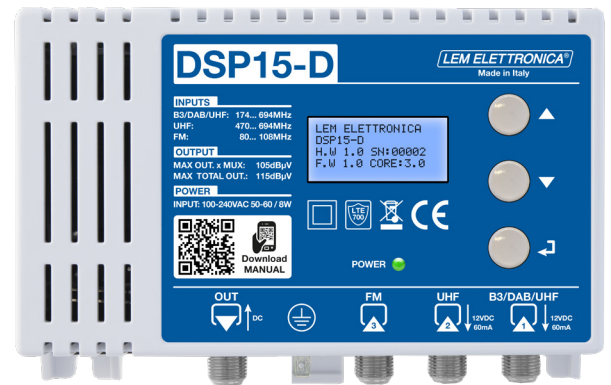


DSP15-D

- >> Oled display for on-board programming
- >> AUTO-TUNING for automatic channel scanning
- >> 32 High Selectivity channel filters with ACG
- >> Lte700 4/5G filter technology protection
- >> DIN rail and wall mounting
- >> High efficiency built-in power supply
- >> DC powering by plug or coaxial



DSP15-D is a compact and versatile programmable amplifier is the ideal choice for creating a TV system with stable performance and no interference.

The amplifier integrates a high-efficiency low-power consumption switch-mode power supply. Can be also remotely powered over the output coaxial cable.

WARRANTY 5 YEARS



TECHNICAL SPECIFICATIONS

NUMBER OF INPUTS		1xFM - 1xDAB/BIII/UHF - 1xUHF
INPUTS FREQUENCY RANGE	MHz	FM (80... 108) - BIII (170... 230) / DAB (170... 240) - UHF (470... 694)
LTE PROTECTION		LTE 700
SINGLE CHANNEL FILTERS		32
NUMBER OF CHANNEL PER FILTERS		1... 2
CHANNEL TO CHANNEL CONVERSION		YES
INPUT LEVEL RANGE	dBμV	FM 35... 90 - BIII/DAB 45... 100 - UHF 45... 90
INPUT PRE-AMPLIFIER	dB	OFF= 0 / ON= +15
AUTOMATIC GAIN CONTROL RANGE	dB	40 dB
DIGITAL FILTERS SELECTIVITY	dB	≥ 50 (Adjacent channels)
FM GAIN	dB	28
FM INPUT ATTENUATOR	dB	0/-12/-24
BIII/DAB GAIN	dB	40... 50
UHF GAIN	dB	60
TOTAL OUTPUT LEVEL RANGE	dBμV	85... 105
BIII/DAB LEVEL ADJUSTMENT		0... -10
UHF SLOPE ADJUSTMENT	dB	0... +10
MAX. TOTAL OUTPUT LEVEL	dBμV	115
RETURN LOSS IN/OUT	dB	>10
AERIAL INPUTS REMOTE POWERING		12V/ 60mA
OLED DISPLAY		128 x 64 pixel 5 lines
INPUT VOLTAGE	V	100... 240VAC 50/60Hz
MAXIMUM CONSUMPTION	W	8
OPERATING TEMPERATURE	°C	-15... 40
DIMENSIONS	mm	135 x 91 x 42

Special Features & Programming

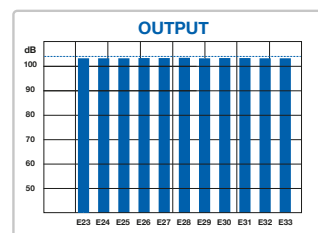
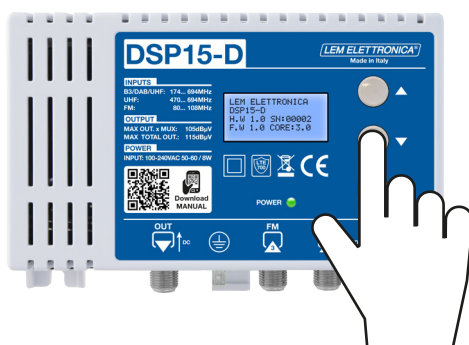
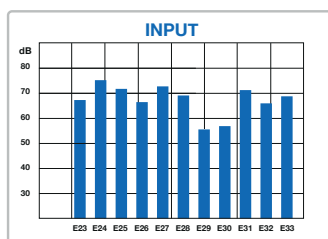
Input pre-amplifier

Each input is equipped with a low-noise amplifier with a gain of 15 dB, which can be activated independently when needed. This feature allows signals to be received at very low levels without the use of active antennas or external amplifiers.

DC: OFF
>AMPLI: +15dB

Automatic programming

The **AUTO-TUNING** function allows the amplifier to be programmed fully automatically. By **selecting AUTO-TUNING from the display of the DSP15-D**, all inputs are scanned. Each channel/MUX detected is filtered and equalised to obtain a perfectly flat, interference-free output spectrum.



Manual programming

For manual configuration, all parameters are easily accessible via the large, high-contrast OLED display, ensuring optimum readability in all conditions.



DIN rail mounting

