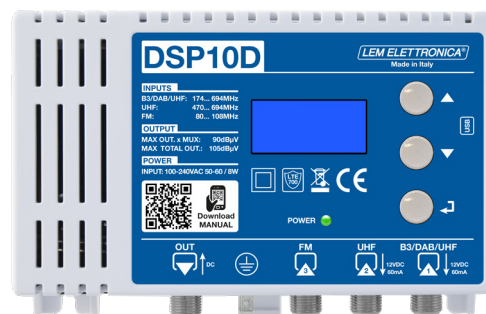


DSP10D

Programmable Multiband Amplifier

- ✓ **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**



DSP10D is a compact and versatile amplifier designed for equalizing terrestrial signals from multiple antennas, making it ideal for fiber-optic installation

All parameters, such as channel filters, output level, and slope, can be easily controlled and adjusted on-board using a high-resolution OLED display

The amplifier includes a high-efficiency, low-power consumption switch-mode power supply and also supports remote power via the output coaxial cable.

WARRANTY
5 YEARS

RED
COMPLIANT

LTE
700

MODEL		DSP10D
NUMBER OF INPUTS		1x FM / 1xDAB/BIII/UHF / 1x UHF
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 (with channel to channel conversion)
INPUT LEVEL RANGE	dBμV	FM 35... 90 - BIII/DAB 45... 100 - UHF 45... 90
BIII/DAB/UHF 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	-10/+15
BIII/DAB GAIN	dB	40... 50
UHF GAIN	dB	60
TOTAL OUTPUT LEVEL RANGE	dBμV	70... 90
BIII/DAB LEVEL ADJUSTMENT		0... -10
UHF SLOPE ADJUSTMENT	dB	0... +5
MAX TOTAL OUTPUT LEVEL	dBμV	105
RETURN LOSS IN/OUT	dB	>10
AERIAL INPUTS REMOTE POWERING		12V/ 60mA
OLED DISPLAY		128x64 pixels 5 Rows
INPUT VOLTAGE	V	100... 240VAC 50/60Hz
MAXIMUM CONSUMPTION	W	8
OPERATING TEMPERATURE	°C	-15... 40
DIMENSIONS	mm	135 x 91 x 42