

Feedback Suppressor

AL2024



Description

This processor is capable of reducing the effects of acoustic feedback between the speaker unit and the microphone (also known as the Larsen effect).

The effect is typical of sound-broadcasting systems that are obliged to have the microphones positioned within the same field of action as the speaker units (e.g. churches, congress halls).

Features

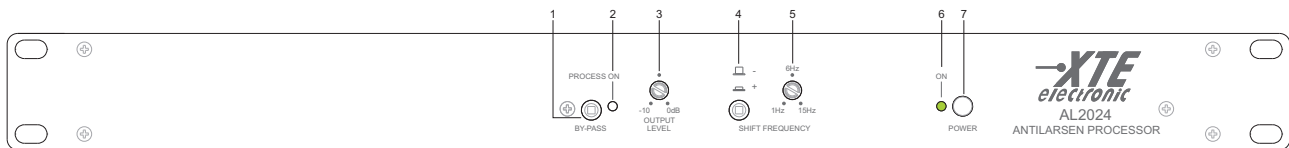
AL2024 feedback suppressor processor, incorporate a set of features that make them adaptable to any application.

- Process on indicator
- Input and Output on 3 pin XLR sockets
- Shift Frequency adjustment
- By-pass control
- Output level adjustment
- Arranged for 19" rack mounting in 1 RU space

Technical Specifications

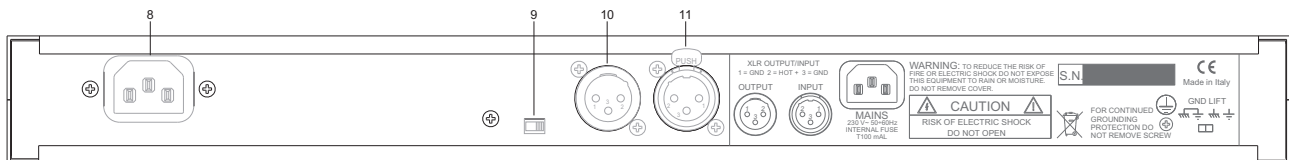
MODEL	AL2024
Configuration	1 Input / 1 Output Feedback suppressor
Input sensitivity	0 dBu
Output level	- 10 dBu ÷ 0 dBu
Nominal level	0 dBu
Controls	Level, shift frequency, by-pass
Shift frequency range	1 Hz ÷ 15Hz
Frequency response	85 ÷ 15.000 Hz
SN Ratio	> 72dB
Power Requirements	AC 230V-50÷60Hz
Consumption (1/8 power program)	880VA
Dimensions (WxHxD)	482x44x100mm
Weight - Net	0,7kg

Front Panel: Controls and Indicators



1. BY-PASS – By pass insertion switch
2. PROCESS ON – Process on activation led indicator
3. OUTPUT LEVEL – Output signal level control
4. - / + – Shift frequency addition/subtraction control
5. SHIFT FREQUENCY – Shift frequency control
6. ON – Power on led indicator
7. POWER – Power on switch

Back Panel: Controls and Connectors



8. MAINS – AC 230V power supply socket
9. GND LIFT – Selector for the connection of the electric ground with chassis
10. OUTPUT – Output signal on XLR socket
11. INPUT – Input signal on XLR socket