



Description

Extremely versatile, reliable and simple to use are the main features of this range of mixer and integrated amplifiers, designed for a wide variety of sound broadcasting applications for either commercial or industrial use.

This evolved version of Basic Series, has been improved with Noise Gate and Feedback Suppressor processor to optimize the product performance also in very difficult noise situations, such as those that can be found in Places of Worship and congress halls.

Noise Gate, complete with adjustable threshold of activation, allows to minimize the reproduction of noise when no microphones are used.

Feedback Suppressor is capable of reducing the effects of acoustic feedback between the speaker unit and the microphone.

This solution enables the best management of any sound system by the use of a single product, with a significant cost and space saving.

Features

Mixer and Amplified Mixers of Basic Plus series, incorporate a set of features that make them adaptable to any application.

- Constant Impedance and constant Voltage outputs
- 2 balanced Micro/Line XLR inputs selectable by Micro-Switch
- 2 balanced Micro XLR inputs complete of selectable 24Vdc Phantom supply
- 1 stereo AUX RCA input
- 1 Stereo REC RCA output
- Level and Tone controls
- Arranged for 19" rack mounting in 2 unit space

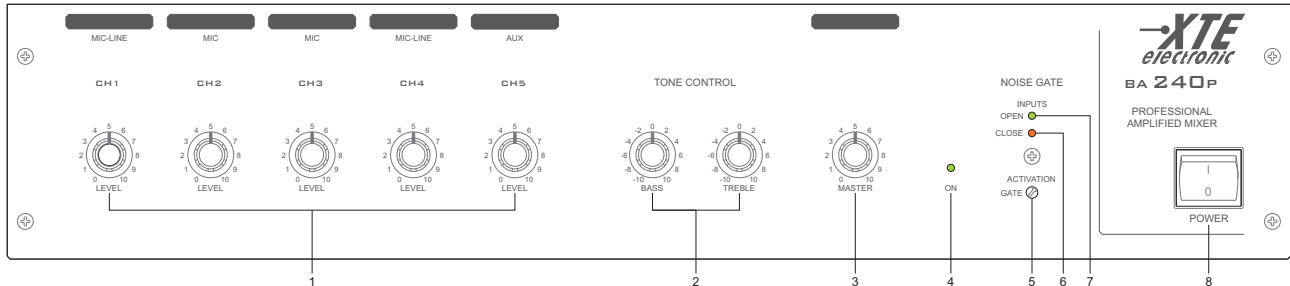
PLUS

- Noise Gate function with adjustable threshold of activation
- Integrated Feedback Suppressor processor

Technical Specifications

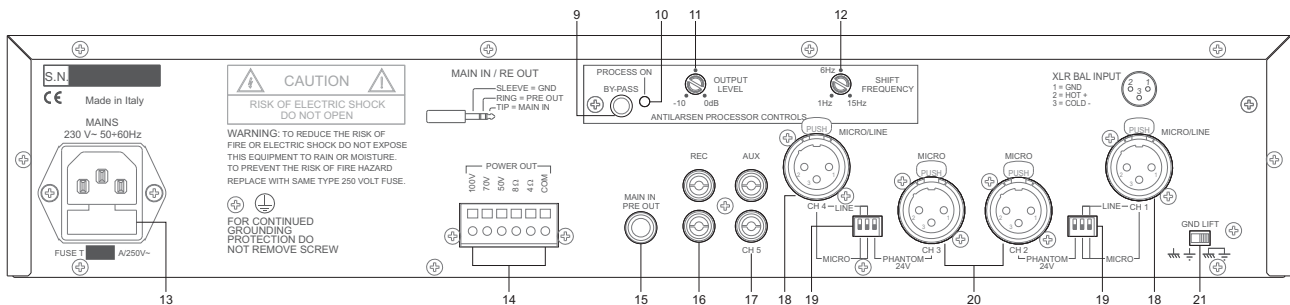
MODEL	BA5P	BA120P	BA240P
Configuration	5 In/1 Out Mixer	5 In/1 Out Amplified Mixer	5 In/1 Out Amplified Mixer
Inputs	2 balanced mic, 2 balanced mic/line; 1 stereo AUX		
Outputs	Pre Out 0dBu	120W @100-70-50V/4ohm	240W @100-70-50V/4ohm
Controls	Bass and Treble EQ; Master Level		
AUX Inputs Sensitivity	- 4 dBu 490 mV	- 4 dBu 490 mV	- 4 dBu 490 mV
LINE Inputs Sensitivity	- 12 dBu 195 mV	- 12 dBu 195 mV	- 12 dBu 195 mV
MICRO inputs Sensitivity	- 60 dBu 0,8 mV	- 60 dBu 0,8 mV	- 60 dBu 0,8 mV
Micro-balanced inputs Impedance	600 Ohm	600 Ohm	600 Ohm
Line-balanced inputs Impedance	220 KOhm	220 KOhm	220 KOhm
Bass control	± 12 dB at 50 Hz	± 12 dB at 50 Hz	± 12 dB at 50 Hz
Treble control	± 10 dB at 10 KHz	± 10 dB at 10 KHz	± 10 dB at 10 KHz
REC output level	+ 0 dBu 775 mV	+ 0 dBu 775 mV	+ 0 dBu 775 mV
PRE OUT output level	+ 0 dBu 775 mV	+ 0 dBu 775 mV	+ 0 dBu 775 mV
Frequency response (-3 dB)	50-18.000 Hz	50-15.000 Hz	50-15.000 Hz
Rating power distortion @ 1 KHz	< 1%	< 1%	< 1%
SN Ratio Micro	> 62dB	> 62dB	> 62dB
SN Ratio Line	> 78dB	> 78dB	> 78dB
Power Requirements	AC 230V-50+60Hz	AC 230V-50+60Hz	AC 230V-50+60Hz
Consumption	15VA	220VA	440VA
Dimensions (WxHxD)	482x88x255mm	482x88x340mm	482x88x340mm
Weight - Net	1,2Kg	5,3Kg	5,8Kg

Front Panel: Controls and Indicators



1. LEVEL – MICRO, MICRO/LINE and AUX inputs level control
2. BASS / TREBLE – Main Bass and Treble tone controls
3. MASTER – Main level control
4. ON – Power on led indicator
5. GATE – Noise Gate activation threshold control
6. CLOSE – Close inputs status led indicator
7. OPEN – Open inputs status led indicator
8. POWER – Power on switch

Back Panel: Controls and Connectors



9. BY-PASS – Feedback Suppressor exclusion switch
10. PROCESS ON – Feedback Suppressor activation status led indicator
11. OUTPUT LEVEL – Feedback Suppressor output signal level control
12. SHIFT FREQUENCY – Feedback Suppressor signal shift frequency control
13. MAINS – AC 230V power supply socket, with incorporated protection fuse
14. POWER OUT – Output connector for loudspeaker lines connection (Only for BA120P and BA240P)
15. MAIN IN / PRE OUT – Input of the power unit and Mixed output of the amplifier “PRE” section
16. REC – Mixed stereo line output
17. AUX – Stereo line input
18. MICRO / LINE – Balanced input with variable sensitivity
19. MICROSITCHES – CH1 and CH4 inputs sensitivity selector, CH2 and CH3 inputs 24V Phantom activation
20. MICRO – Balanced micro input
21. GND LIFT – Selector for the connection of the electric ground with chassis