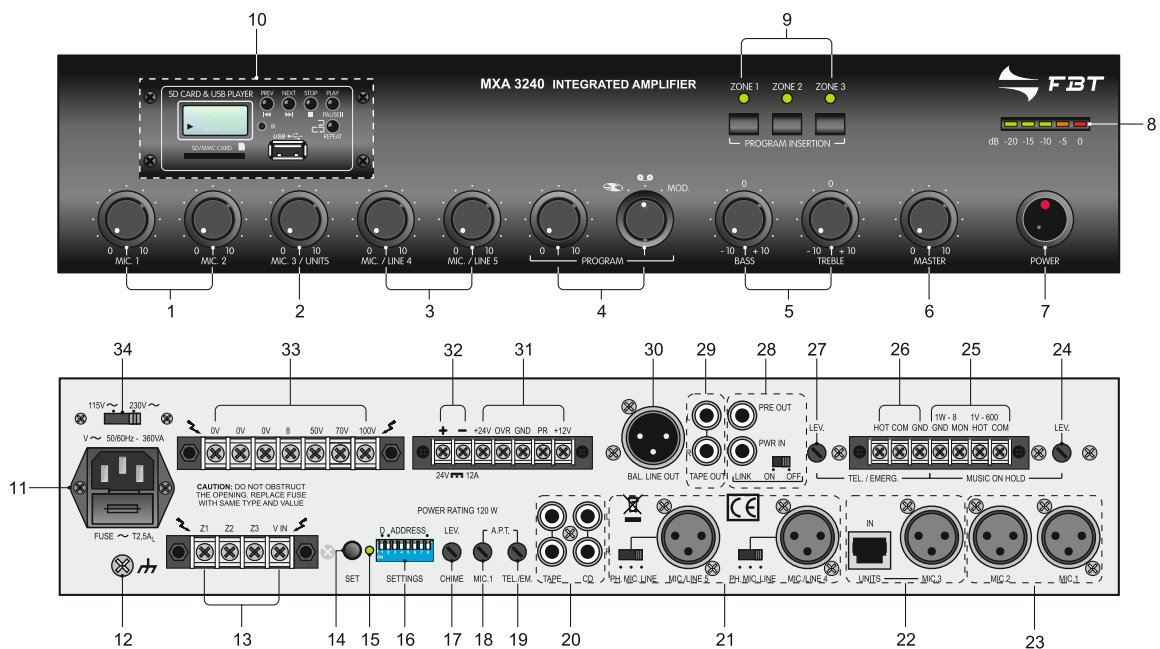


MXA 3120 / 3240 INTEGRATED AMPLIFIERS

Description

120W / 240W Mixer amplifiers (3 zones):

- 2-off XLR balanced/unbalanced microphone inputs with Phantom power supply
- 1-off microphone input (XLR) / MBT 1000 series microphone station (RJ45)
- 2-off MIC/LINE inputs with operating mode selection
- 2-off auxiliary inputs for external sound sources (TAPE/CD)
- 1-off emergency input
- 3-off zones activation keys
- Socket for connection of MBT 1106/112 microphone stations (RJ45 connector, CAT5 SFTP cable)
- Balanced line output for connection with other amplifiers
- Loudspeakers output terminal strip (50-70-100V/8 Ohm)
- Terminal strip for external DC power supply
- Precedence and override terminal strip
- "MUSIC ON HOLD" terminal strip
- Activation threshold / level control of the warning signal (chime)
- Output for recorder
- Selectable mains voltage (230/115V)



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| <ol style="list-style-type: none"> 1. Level control for microphone inputs. 2. Microphone input/unit level control. 3. Microphone input/line level control. 4. Level control and auxiliary inputs selection. 5. Tone controls. 6. General volume control. 7. Mains switch. 8. Output level indicator. 9. Music activation keys. 10. SD CARD/USB reader (optional). 11. Mains plug with built-in fuse. 12. Frame connection. 13. Zones output terminal strip. 14. Push-button for settings. 15. LED for confirming acquisition of settings. 16. DIP switches for making settings. 17. Level control of the warning signal. | <ol style="list-style-type: none"> 18. MIC.1 precedence threshold adjustment. 19. TEL./EMERG. precedence threshold adjustment. 20. Auxiliary inputs. 21. MIC/LINE inputs 4-5 and operating mode switches. 22. MIC3/PMB range Unit input. 23. Microphone inputs. 24. MUSIC ON HOLD output level adjustment. 25. MUSIC ON HOLD line and power outputs. 26. Emergency input from PABX. 27. Telephone input level adjustment. 28. Socket for an external equaliser. 29. Output for recorder. 30. Balanced line output. 31. Precedence and override connections. 32. Terminal strip for external DC power supply. 33. Loudspeakers output terminal strip. 34. Mains voltage selector switch. |
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MXA 3120 / 3240

INTEGRATED AMPLIFIERS

Technical data

	MXA 3120	MXA 3240
Rated output power	120W	240W
Constant voltage outputs	50 - 70 - 100V	50 - 70 - 100V
Low impedance outputs	8 Ohm	8 Ohm
Distortion at rated power	<1%	<1%
TONE CONTROLS		
Bass tones @100Hz	±10dB	±10dB
Treble tones @10kHz	±10dB	±10dB
MIC1& MIC2 MICROPHONE INPUT		
Sensitivity / Impedance	1,2mV / 1300Ohm	1,2mV / 1300Ohm
S/N Ratio	66dB	66dB
Frequency response	40 - 19.000Hz	40 - 19.000Hz
Phantom supply	17,5V	17,5V
VOX MIC1 activation threshold	0,2 - 22mV	0,2 - 22mV
MIC3 / UNITS MICROPHONE INPUT		
Sensitivity / Impedance	MIC.3: 1,3mV/1,5kOhm; UNITS: 900mV/47kOhm	MIC.3: 1,3mV/1,5kOhm; UNITS: 900mV/47kOhm
S/N Ratio	MIC.3: 66dB; UNITS: 71dB	MIC.3: 66dB; UNITS: 71dB
Frequency response	MIC.3: 40-19.000Hz; UNITS: 60-15.000Hz	MIC.3: 40-19.000Hz; UNITS: 60-15.000Hz
Phantom supply		
MIC/LINE4 & MIC/LINE5 MIC. INPUTS		
Sensitivity / Impedance	MIC.: 1,3mV/1300 Ohm; LINE: 140mV/130kOhm	MIC.: 1,3mV/1300 Ohm; LINE: 140mV/130kOhm
S/N Ratio	MIC.: 66dB; LINE: 75dB	MIC.: 66dB; LINE: 75dB
Frequency response	MIC.: 35-17.000Hz; LINE: 30-20.000Hz	MIC.: 35-17.000Hz; LINE: 30-20.000Hz
AUXILIARY INPUTS		
CD Input sensitivity / Impedance	600mV / 35kOhm	600mV / 35kOhm
TAPE Input sensitivity / Impedance	300mV / 18kOhm	300mV / 18kOhm
S/N Ratio	80dB	80dB
Frequency response	30 - 20.000Hz	30 - 20.000Hz
Precedence attenuation	60dB	60dB
TELEPHONE INPUT		
Sensitivity / Impedance	120mV / 5,5kOhm	120mV / 5,5kOhm
S/N Ratio	>80dB	>80dB
Frequency response	250 - 20.000Hz	250 - 20.000Hz
Telephone input activation threshold	10 - 250mV	10 - 250mV
SIGNAL OUTPUTS		
MOH line	2,6V / 300 Ohm	2,6V / 300 Ohm
MOH monitor power	1,8W / 8 Ohm	1,8W / 8 Ohm
PRE OUT output	1V / 3,7 kOhm	1V / 3,7 kOhm
TAPE OUT output	1,2V / 2kOhm	1,2V / 2kOhm
LINE OUT output	1,3V / 4kOhm	1,3V / 4kOhm
OPERATING CONDITIONS		
230V ±10% 50/60Hz mains power supply	P=280W / A=325VA	P=530W / A=600VA
115V ± 10% 50/60Hz mains power supply	P=270W / A=300VA	P=470W / A=540VA
External DC power supply	24V / 6,9A (0,3A @ Pout=0W)	24V / 13A (0,3A @ Pout=0W)
Dimensions	432 x 88 x 360mm	432 x 88 x 360mm
Weight	9,5kg	11,8kg