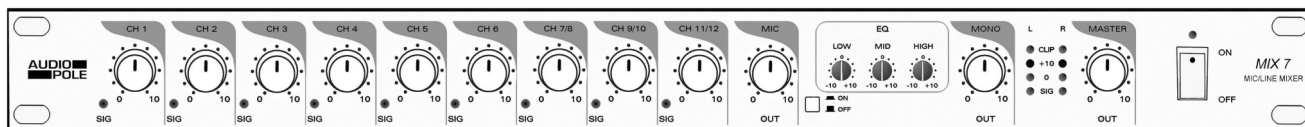


AUDIO
POLE

MIX-7

12 CHANNEL MIXER



USER'S MANUAL

Important Safety Instructions



This symbol, wherever used, alerts you to the presence of un-insulated and dangerous voltages within the product enclosure. These are voltages that may be sufficient to constitute the risk of electric shock or death.



This symbol, wherever used, alerts you to important operating and maintenance instructions.

POWER SUPPLY

Ensure that the insource voltage (AC outlet) matches the voltage rating of the product. Failure to do so could result in damage to the product and possibly the user. Unplug the product before electrical storms occur and when unused for long periods of time to reduce the risk of electric shock or fire.

EXTERNAL CONNECTION

Always use proper ready-made insulated mains cabling (power cord). Failure to do so could result in shock/death or fire. If in doubt, seek advice from a registered electrician.

DO NOT REMOVE ANY COVERS

Within the product are areas where high voltages may present. To reduce the risk of electric shock do not remove any covers unless the AC mains power cord is removed. Covers should be removed by qualified service personnel only. No user serviceable parts inside.

FUSE

To prevent fire and damage to the product, use only the recommended fuse type as indicated in this manual. Do not short-circuit the fuse holder. Before replacing the fuse, make sure that the product is OFF and disconnected from the ACD outlet.

PROTECTIVE GROUND

Before turning the unit on, make sure that it is connected to Ground. This is to prevent the risk of electric shock. Never cut internal or external Ground wires. Like wise, never remove Ground wiring from the Protective Ground Terminal.

OPERATING SAFETY INSTRUCTIONS

Read these instructions. Follow all instructions. Keep these instructions. Do not discard. Heed all warnings. Only use attachments/accessories specified by the manufacturer.

POWER CORD AND PLUG

Do not tamper with the power cord or plug. These are designed for your safety. Do not remove Ground connections! If the plug does not fit your AC outlet seek advice from a qualified electrician. Protect the power cord and plug from any physical stress to avoid risk o electric shock. Do not place heavy objects on the power cord. This could cause electric shock or fire?

SERVICING

Refer all servicing to qualified service personnel only. Do not perform any servicing then those instructions contained within this User's Manual

DISPOSAL



This symbol indicates that the disposal of this product is submitted to local regulations. Please contact your local dealer.

Index

1. Introduction 4

2. Features 4

3. Controls 4

4. Diagram 7

5. Technical Specifications..... 8

6. Warranty 9

1

Introduction

Thank you for purchasing AUDIOPOLE MIX-7. The device is a compact mixer designed for multiple applications, including AV and conference.

2

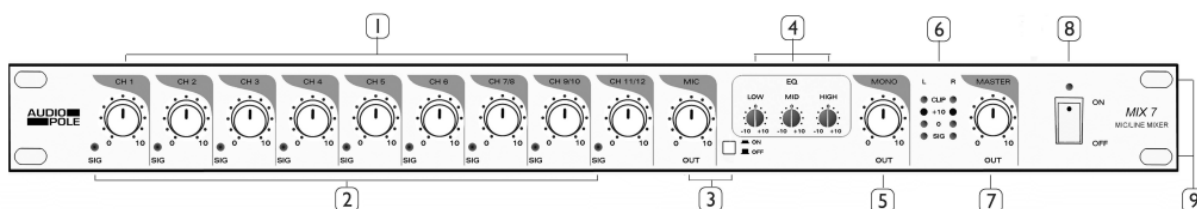
Features

- 6 mono inputs including 1 priority IN,
- 3 stereo inputs,
- Stereo output,
- Mono output,
- Micro output,
- 3 band EQ,
- Individual phantom power,
- Back up power supply 24 V DC.

3

Controls

Front



1. CH 1 – CH 11/12

Volume of Mic/Line inputs 1 to 6 and stereo inputs 7/8 to 11/12.

2. SIG

LEDs indicating the presence of the signal, the light intensity is proportional to the input level.

3. MIC – OUT, ON/OFF

On ON position, inputs 1 to 6 are assigned to the MIC OUT exclusively with independent level setting. Attention, the EQ and the priority function do not work on this output.

4. EQ

3 bands EQ only active for MONO, LINE OUT (MASTER) and RECORD OUT outputs. The frequency ranges are centered respectively on 80 Hz (LOW), 2.5 kHz (MID) and 12 kHz (HIGH).

3 Controls

Front

5. MONO – OUT

MONO output level setting.

6. L, R INDICATOR

Colored LEDs displaying the output LINE OUT (MASTER) level. The red LEDs (clip) indicate the presence of saturation; then adjust the levels accordingly.

7. MASTER – OUT

Stereo LINE OUT level setting. When you turn ON/OFF the device, the level must be adjusted to zero.

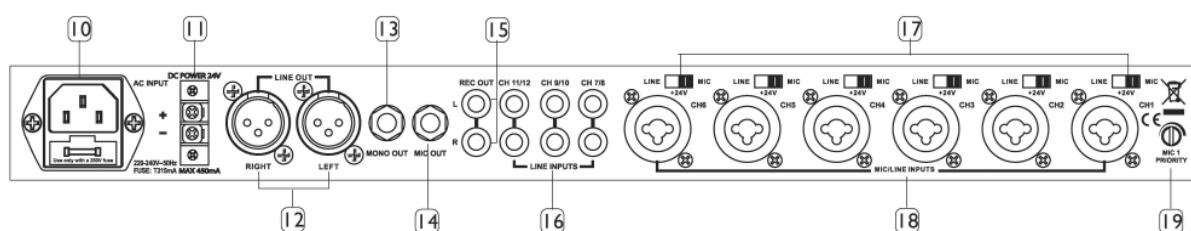
8. SWITCH ON/OFF

ON / OFF power switch. The led lights when the power is on.

9. RACK-MOUNTABLE

Holes for 19" rack mounting.

Back



10. AC INPUT

Socket for connection of the mains cable, also contains the fuse compartment. Before any connection check the mains voltage. When replacing the fuse, use a fuse with the same characteristics.

11. DC POWER 24V

Terminals for back up power supply 24 V DC. In the event of main power failures, the DC power takes over automatically. When connecting, observe the correct polarity.

12. LINE OUT (MASTER)

Balanced stereo output, XLR.

13. MONO OUT

Unbalanced mono output, 6.35 mm Jack.

14. MIC OUT

Unbalanced, output 6.35 mm Jack, allocated exclusively to inputs 1 to 6 when the switch (3) is turned ON.

15. REC OUT

Unbalanced stereo output, RCA. Intended for recording.

Back

16. LINE INPUTS

Unbalanced stereo inputs, RCA. Intended for the connection of stereo sources (CD, DVD, MP3, etc.)

17. LINE / +24V / MIC

Selectors of 3 input types :

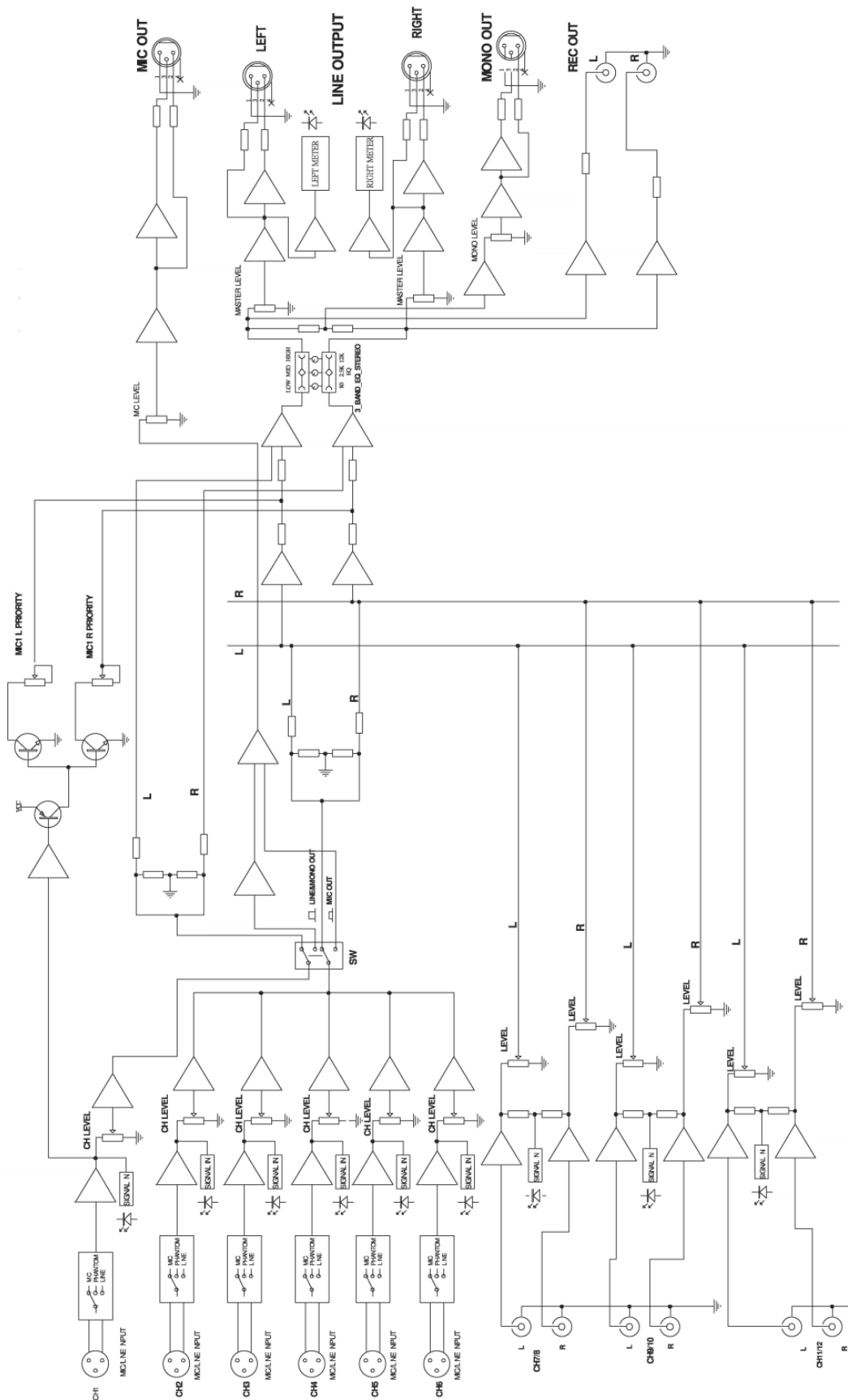
- Line,
- Electret microphone with +24 V phantom power supply,
- Dynamic microphone.

18. MIC / LINE INPUTS

Balanced/unbalanced stereo inputs, combo XLR/ 6.35 mm Jack.

19. MIC 1 PRIORITY

Adjusts the attenuation level when the priority input is active. The signal of inputs 2 to 11/12 is completely attenuated when the setting is maximum; attenuation is disabled when the setting is at a minimum.



5 Technical specifications

Inputs	Mono inputs (CH1 - CH6)	
	Microphone inputs	Electronically balanced
	Frequency response	20 Hz - 22 kHz (± 3 dBu)
	THD	< 0,03% @ 1kHz
	Gain range	0 dB à -50 dB
	Max input level	+ 18 dBu
	Max gain	60 dB CH MIC INPUT → LINE OUT 50 dB CH MIC INPUT → REC OUT 60 dB CH MIC INPUT → MIC OUT 60 dB CH MIC INPUT → MONO OUT
	S/N ratio	> 85 dB
	Phantom power	+ 24 V
	Line inputs	Electronically balanced
	Frequency response	20 Hz - 22 kHz (± 3 dBu)
	THD	< 0,03% @ 1 kHz
	Sensitivity	0 dBu
	Max input level	+ 18 dBu
	Max gain	20 dB CH MIC INPUT → LINE OUT 10 dB CH MIC INPUT → REC OUT 20 dB CH MIC INPUT → MIC OUT 20 dB CH MIC INPUT → MONO OUT
	Stereo inputs (CH7/8 - C11/12)	
	Line inputs	Electronically balanced
	Frequency response	20 Hz - 22 kHz (± 3 dBu)
	THD	< 0,03% @ 1kHz
	Sensitivity	- 10 dBu
	Max input level	+ 20 dBu
	Max gain	20 dB CH → LINE OUT 10 dB CH → REC OUT 14 dB CH → MONO OUT
	S/N ratio	> 105 dB
Impedances	Mic inputs Other inputs REC OUT Other outputs	1,4 k Ω 10 k Ω or plus 1 k Ω 120 Ω
EQ	High Medium Low	± 15 dB @ 12 kHz ± 12 dB @ 2,5 kHz ± 15 dB @ 80 Hz
Cross talk	adjacent inputs Input/output	< -68 dB @ 1kHz (CH1 - CH4) < -72 dB @ 1kHz (STEREO L/R, CH1 - CH 6)
Outputs	LINE OUT MONO OUT, MIC OUT Max output level Noise level	0 dBu (± 2 dB) balanced, XLR 0 dBu (± 2 dB) unbalanced, 1/4" Jack + 20 dBu balanced/unbalanced, 1/4" Jack < -80 dB @ 20 Hz - 22 kHz (input and output levels at 0 dB, flat EQ, other levels to min.)
Power supply	Main supply Other supply	115-230 V 60/50 Hz + 24 V DC
Dimensions	L x H x P	483 x 44 x 195 mm
Weight	Net	2.9 kg

6

Warranty

This device is warranted parts and labor against any manufacturing defects for a period of two years from the date of purchase by the first user.

Conditions

1. The unit has been installed and implemented by observing the safety instructions in this operating manual.
2. The device was not diverted from its destination, either voluntary or accidental, and suffered no deterioration or modification other than those described here or explicitly authorized by AUDIOPOLE.
3. All modifications or repairs have been carried out by an authorized service station.
4. The defective product must be returned with the dealer who made the sale or to an authorized service station with proof of purchase.
5. The device was properly packaged to avoid damage in transport.



22, rue Édouard Buffard, Z.A.C. de la Charbonnière, Montévrain - 77771 Marne-la-Vallée Cedex 4 - France
Tél : + 33 (0)1 60 54 32 00 - Fax : + 33 (0) 1 60 54 31 90 - www.audiopole-pa.fr, www.audiopole.fr