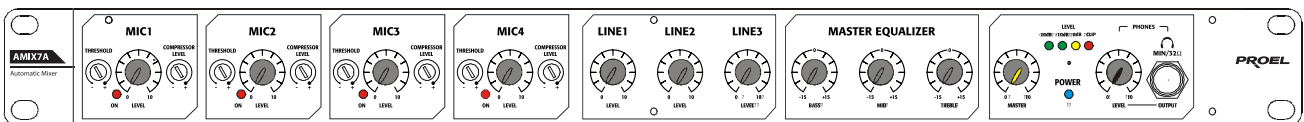


AMIX7A



AMIX7A

DESCRIZIONE

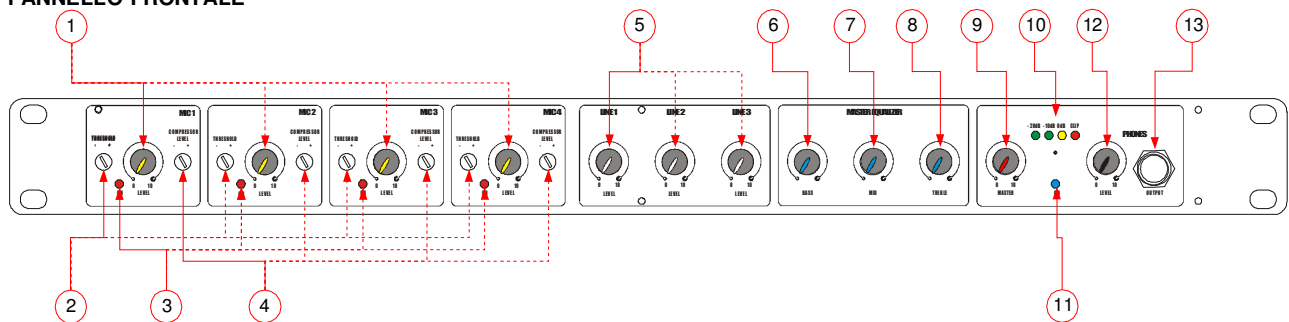
Il AMIX7A è un mixer automatico con 4 ingressi microfonici con connettori XLR comandati da gates, tre ingressi Line, un'uscita Line bilanciata con connettore XLR e due uscite sbilanciate per collegare apparecchi di registrazione. Ogni ingresso microfonico è dotato di alimentazione phantom da 24 V per microfoni a condensatore, di un gate e di un compressore/limiter.

La funzione Ducking regolabile ("funzione di precedenza") fa sì che un segnale presente al canale MIC 1 riduce il livello di tutti gli altri ingressi di un valore regolabile a scelta.

Una funzione di attenuazione che fa sì che ad ogni raddoppio del numero di microfoni aperti il livello d'uscita viene abbassato automaticamente di 2 dB circa.

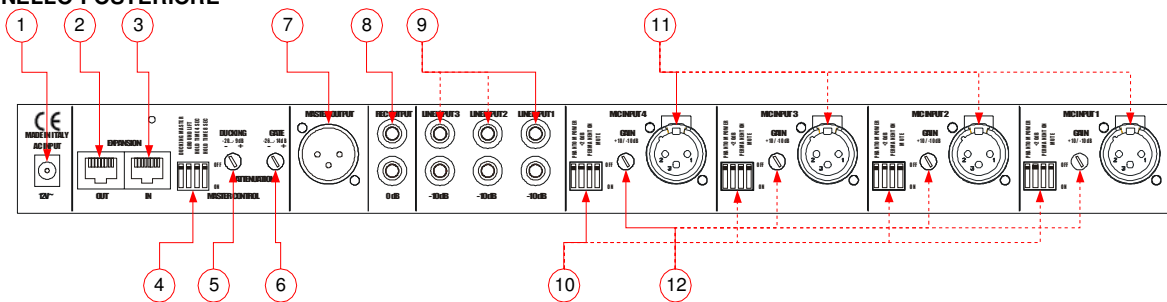
Le prese di espansione permettono di collegare in cascata fino a dieci AMIX8A, per un totale di 40 ingressi microfonici. Il mixer automatico AMIX7A dispone di equalizzatore bassi, medi, alti in uscita, di un level meter a barra di led e di una uscita cuffia per il monitoraggio.

PANNELLO FRONTALE



1. Livello ingresso MIC1 (MIC2 – 4)
2. Soglia gate ingresso MIC1 (MIC2 – 4)
3. Led attivazione ingresso MIC1 (MIC2 – 4)
4. Soglia compressore MIC1 (MIC2 – 4)
5. Livello ingresso LINE1 (LINE2 – 3)
6. Controllo toni – bassi
7. Controllo toni – medi
8. Controllo toni – alti
9. Livello di uscita MASTER
10. Meter a barra LED
11. LED di accensione ON
12. Livello cuffia
13. Uscita cuffia

PANNELLO POSTERIORE



1. Ingresso alimentazione 12V AC (utilizzare esclusivamente l'alimentatore fornito a corredo, in alternativa è possibile utilizzare l'alimentatore Proel PPS62R).
2. Connettore EXPANSION OUT
3. Connettore EXPANSION IN
4. Interruttori controlli MASTER CONTROL: DUCKING MASTER, GROUND LIFT, HOLD TIME 4 SEC, HOLD TIME 8 SEC.
5. Regolazione del livello di attenuazione DUCKING MASTER
6. Regolazione del livello di GATE MASTER
7. Uscita MASTER OUTPUT bilanciata XLR
8. Uscita REC OUTPUT (0 dB) stereo RCA
9. Ingresso LINE INPUT1 (LINE INPUT2 – 3) stereo RCA
10. Interruttori controlli canale MIC INPUT4 (MIC INPUT 3 – 1): PHANTOM POWER, +20dB, PERMANENT ON, MUTE
11. Ingresso MIC INPUT4 (MIC INPUT 3 – 1) bilanciato XLR
12. Guadagno MIC INPUT4 (MIC INPUT 3 – 1), -10/+10 dB

SPECIFICHE TECNICHE AMIX7A

AMPIEZZA BANDA	20 Hz - 20 kHz \pm 0.5dB
INGRESSI LINEA	n.6 RCA (3 x L - R)
LIVELLO INGRESSI LINEA	-10dBm sbilanciato
IMPEDENZA INGRESSI LINEA	20 k Ω sbilanciato
INGRESSI MIC	n.4 XLR 3 poli femmina
LIVELLO INGRESSI MIC	+5dBu massimo
IMPEDENZA INGRESSI MIC	1 k Ω bilanciato
REGOLAZIONE GUADAGNO INGRESSI MIC	-10dB/+10dB
FATTORE DI COMPRESSIONE INGRESSI MIC	lineare, fino a 2:1, regolabile
SOGLIA DI ATTIVAZIONE INGRESSI MIC	-32dB a 0dB, regolabile
INDICATORI INGRESSI MIC	led rosso di ON
ALIMENTAZIONE PHANTOM	24V selezionabile per ogni canale MIC
USCITA REC	n.2 RCA
EXPANSION OUT	n.1 RJ45
EXPANSION IN	n.1 RJ45
MASTER OUTPUT	n.1 XLR 3 poli maschio
LIVELLO USCITE	+22 dBm Max
IMPEDENZA USCITE	200 Ω (Linea)
INDICATORI MASTER OUT	barra led -30dB/-20dB/0dB/Clip
ATTENUAZIONE DUCKING MASTER	da 9 a -20dB, regolabile
AMPLIFICAZIONE MASSIMA	55dB
RAPPORTO S/N	75dB
CONTROLLO TONI MASTER BASSI	+/- 12 dB @ 80 Hz
CONTROLLO TONI MASTER MEDI	+/- 12 dB @ 2.5 kHz
CONTROLLO TONI MASTER ALTI	+/- 12 dB @ 10 kHz
IMPEDENZA CUFFIA	30 Ω Min
ALIMENTAZIONE ESTERNA	alimentatore dedicato incluso
ASSORBIMENTO	500 mA
DIMENSIONI	1U 19" rack standard
PESO	1.70 kg - 3.75 Lbs
CONFEZIONE STANDARD	1 pezzo

SAFETY AND PRECAUTIONS



CAUTION



When using any electric product, basic precautions should always be taken, including the following. Read the instructions, before using the product and retain them for future reference.

- To reduce the risk, close supervision is necessary when the product is used near children.
- Protect the apparatus from atmospheric agents and keep it away from water and high humidity places.
- This product should be situated away from heat sources as radiators, lamps, etc.
- Care should be taken so that objects do not fall onto and liquids are not spilled inside the product.

Connect the apparatus to a power supply using only power cord included making always sure it is in good conditions:

- Make sure that power supply has a proper ground connection. ⚡
- Power supply cord should be unplugged from the outlet when left unused for a long period of time.

In case of fault or maintenance this product should be inspected only by qualified service personnel when:

- There is a flaw either in the connections or in the connecting cables.
- Liquids have spilled inside the product.
- The product has fallen and been damaged.

Any other servicing should be done by a qualified technician or by PROEL Service Department.

The AMIX7A mixers are in compliance with Directive 89/336/EEC (Electromagnetic Compatibility) and successive modifications 92/31/EEC and 93/68/EEC, as the EN 50082-1:1997, EN 55013:1990, EN 55020:1994 standards. It is also in compliance with Directive 3/23/EEC (Low Voltage) and successive modifications 93/68/EEC, as the EN 60065:1998 standard.

PACKING

The packing of this product has undergone an integrity test according to ISTA 1A procedure. It is recommended to inspect the amplifier after the unpacking. If any damage is found, notify immediately your dealer. Then save the complete packing for inspection. Proel declines every responsibility for damage caused by transport.

SHIPMENTS AND CLAIMS

The goods are sold "ex works" and always travel at the risk and danger of the distributor. Eventual damage will have to be claimed to the freight forwarder. Every claim for broken packs will have to be forwarded within 8 days from the reception of the goods.

WARRANTY AND RETURNS

AMIX7A are provided with a warranty of operation and conformity to its own data sheets, as declared by the manufacturer. The operation warranty is valid for 24 months after the purchase date. Defects detected within warranty period of validity on sold products, due to defective materials or manufacturing faults, must be promptly reported to your dealer or distributor, enclosing written evidence of the date of purchase and description of the type of defect detected. Warranty excludes defects caused by improper use or tampering. Proel SpA will verify the validity of the claim through examination of the defect in relation to proper use and the actual validity of the warranty. Proel SpA will eventually provide replacement or repair of the products declining, however, any obligation of compensation for direct or indirect damage resulting from faultiness.

INSTALLATION

The product is designed for installation on a professional standard 19" rack.

LIMITATIONS OF USE

ASO25 is exclusively destined to specific audio applications: audio input signals (20Hz-20kHz).

Proel declines every responsibility for damages to third parties caused from lack of maintenance, manipulations, improper use or installation without following safety regulations.

Design and specifications subject to change without notice.

POWER SUPPLY ADAPTER

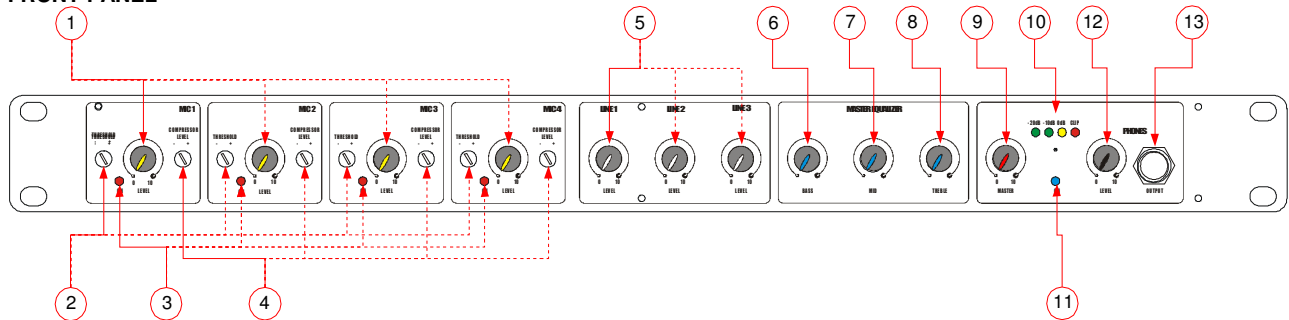
The AMIX7A are powered through the supplied power adapter 12V AC. Using the MIX with different power adapters or with a DC voltage can damage the devices. It is possible also to use the Proel PPS62R power adapter that has 2 outputs to 12V AC.

AMIX7A

DESCRIPTION

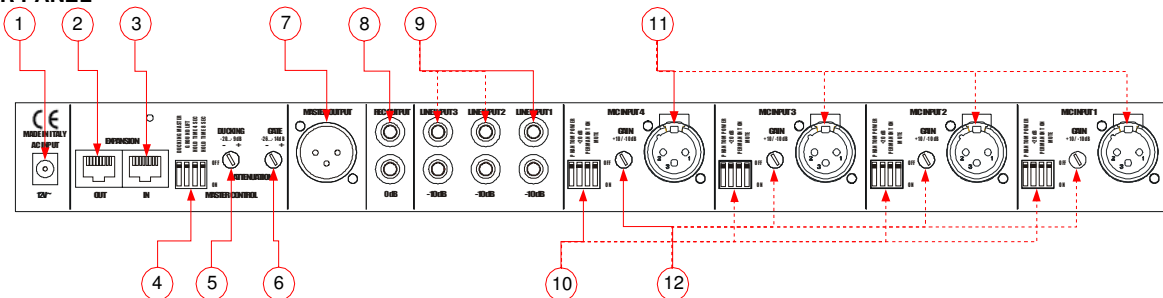
The AMIX7A is an automatic mixer with four gated microphone inputs XLR and three line inputs, a balanced line output XLR and an unbalanced output for connecting an audio recording device. Each microphone input provides switchable 24-V phantom power for condenser microphones a separate gate and compressor/limiter. A switchable ducking ("priority") mode reduces the gain of all inputs for as long as signal is present in MIC channel 1. An attenuation function reduces the output level by approx. 2 dB every time the number of open microphones doubles. Special rear panel expansion connectors allow you to "daisy-chain" up to ten AMIX7A mixers providing up to forty microphone inputs. The AMIX7A automatic mixer features a three band eq on the main output and an headphone output for monitoring.

FRONT PANEL



1. Input level MIC1 (MIC2 – 4)
2. Gate threshold input MIC1 (MIC2 – 4)
3. Led ON input MIC1 (MIC2 – 4)
4. Compressor threshold MIC1 (MIC2 – 4)
5. Input level LINE1 (LINE2 – 3)
6. Tone control – bass
7. Tone control – mid
8. Tone control – treble
9. Output level MASTER
10. Bar LED meter
11. Power ON LED
12. Headphone level
13. Headphone output

REAR PANEL



1. AC 12V input (Use the power adapter supplied, is it possible to use also the Proel PPS62R).
2. EXPANSION OUT connector
3. EXPANSION IN connector
4. Dip switch MASTER CONTROL: DUCKING MASTER, GROUND LIFT, HOLD TIME 4 SEC, HOLD TIME 8 SEC.
5. Attenuation level DUCKING MASTER
6. Level GATE MASTER
7. Output MASTER OUTPUT balanced XLR
8. Output REC OUTPUT (0 dB) stereo RCA
9. Input LINE INPUT1 (LINE INPUT2 – 3) stereo RCA
10. Dip switch controls channel MIC INPUT4 (MIC INPUT 3 – 1): PHANTOM POWER, +20dB, PERMANENT ON, MUTE
11. Input MIC INPUT4 (MIC INPUT 3 – 1) balanced XLR
12. Gain MIC INPUT4 (MIC INPUT 3 – 1), -10/+10 dB

AMIX7A TECHNICAL DATA

BANDWIDTH	20 Hz - 20 kHz \pm 0.5dB
LINE INPUT	n.6 RCA (3 x L - R)
LINE INPUT LEVEL	-10dBm unbalanced
LINE INPUT IMPEDANCE	20 k Ω unbalanced
MIC INPUT	n.4 XLR 3 poli female
MIC INPUT LEVEL	+5dBu max
MIC INPUT IMPEDANCE	1 k Ω balanced
MIC INPUT GAIN ADJUST	-10dB/+10dB
MIC INPUT COMPRESSION RATIO	linear, up to 2:1, adjustable
MIC INPUT GATE THRESHOLD	-32dB to 0dB, adjustable
MIC INPUT INDICATOR	led ON (red)
PHANTOM POWER	24V switchable for each MIC channel
REC OUTPUT	n.2 RCA
EXPANSION OUT	n.1 RJ45
EXPANSION IN	n.1 RJ45
MASTER OUTPUT	n.1 XLR 3 pin male
OUTPUT LEVEL	+22 dBm Max
OUTPUT IMPEDANCE	200 Ω (Line)
MASTER OUT INDICATOR	led bar -30dB/-20dB/0dB/Clip
DUCKING MASTER ATTENUATION	from 9 to -20dB, adjustable
MAXIMUM AMPLIFICATION	55dB
S/N RATIO	75dB
MASTER TONE CONTROL BASS	+/- 12 dB @ 80 Hz
MASTER TONE CONTROL MID	+/- 12 dB @ 2.5 kHz
MASTER TONE CONTROL TREBLE	+/- 12 dB @ 10 kHz
HEADPHONE IMPEDANCE	30 Ω Min
POWER SUPPLY	alimentatore dedicato incluso
CURRENT DRAIN	500 mA
DIMENSIONS	1U 19" rack standard
WEIGHT	1.70 kg - 3.75 Lbs
MASTER PACK	1 pezzo



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