



PA AMP160XL

160W MIXER AMPLIFIER



Overview

160W, 70/100V, 4Ω professional mixer amplifier.

This new series of audio power amplifiers was designed to fulfil an evolving market in the most flexible and professional manner.

The new range responds to precise operating criteria and was designed and tested to guarantee total reliability of use, also with continuous operation.

Thanks to the use of power supply switching with SMPS (switch mode power supply) technology and to the constant voltage output 70/100V obtained electronically without transformers, it was possible to design the amplifier in only one rack unit, succeeding in containing the weight and size.

MAIN FUNCTIONS:

- Speakers overload and short-circuit protection circuit
- Led start-up indicator
- Led level indicator

- Volume general control (Master)
- Separated Level Controls for 1÷5 inputs
- Low and high tone adjustment
- Illuminated knobs
- 4 MIC / MIC Phantom 48V / LINE inputs balanced on Euroblock terminal
- 3 AUX switchable inputs from front selectors
- 1÷4 Inputs with independent priority function (VOX / Contact) on other inputs selectable by dip-switch 1÷4
- Function MAIN - IN/OUT
- 3 outputs, one at constant impedance (4Ω) and two at constant voltage (70/100V)
- CHIME function independent for each input (routing)
- REC OUT output on RCA
- Line level output balanced on Euroblock terminal
- 230/117V~ 50/60Hz autoswitch power supply
- 1U 19" rack adapters



Technical Specifications

Model: AMP160XL Output power RMS: 160W Inputs: 4xMIC/LINE balanced - 3 AUX (selectable) - 1x MAIN IN (normally connected to PRE OUT) Input Sensitivity: MIC: -40dBV / 600 Ω balanced (with 48Vphantom) - LINE: 0dBV / 100 KΩ balanced - AUX: 0dBV / 47 KΩ unbalanced - MAIN IN: 0dBV / 10KΩ unbalanced Signal Output: PRE OUT (normally connected to MAIN IN) - PRE OUT: 1V / 600 Ω - REC OUT: 1V / 600 Ω -BAL OUTPUT: 1V / 600 Ω Controls: MASTER VOLUME CONTROL -1 TREBLE TONE CONTROL -1 BASS TONE CONTROL - 4 MIC/LINE VOLUME CONTROLS -1 AUX VOLUME CONTROL Loudspeakers outputs: 100/70V/4Ω Frequency response: 80Hz -16KHz (-3dB) Distortion (THD): < 0.5% (@ Pnom 1KHz) S/N Ratio MIC: ≥70dB LINE: ≥70dB AUX: ≥80dB Power Supply: autoswitch 100-240V~ 50/60Hz Operating temperature: 0 -40°C Input/Output Connectors: terminal block RCA Power Consumption: 160VA Dimensions (LxHxP): 439 x 44 x 278 mm 483 x 44 x 278 mm - 1U rack19" Weight: 5 Kg

Technical specifications and appearances are subject to change without notice and accuracy is not guaranteed. All trademarks are the property of their respective owners. PROEL accepts no liability for any loss which may be suffered by any person who relies either wholly or in part upon any description, photograph or statement contained herein. Colors and specifications may vary from actual product. PROEL products are sold through authorized fullfillers and resellers only. This manual is copyrighter. No part of this manual may be reproduced or transmitted in any form or by any means, electronic or mechanical, including photocopying and recording of any kind, for any purpose, without the express written permission of PROEL - Via alla Ruenia 37/43 - CAP 64027 - Sant'Omero (TE) ITALY.

For service, support, or more information contact:
 Proel S.p.A.
 Via alla Ruenia 37/43
 CAP 64027 - Sant'Omero (TE) ITALY

PROEL