

PROPHON

COMMERCIAL AUDIO

PM82 - 19" Pre-amplifier zone mixer 8 Input / 4 output with 2 zonecontrols



Description PM82

19" Zone mixer pre-amplifier, with 8 input and 2x2 zone outputs

Input 3-6 via balanced XLR can be used as mick in, phantom powered mick on, or Line in. 7-8 line input via unbalanced stereo. On the front panel, channel 1 features a balanced XLR in and channel 2 features an unbalanced stereo RCA in, for quick-connecting a mick and a sound source such as Phone, MP3-player computer etc. Each input features bass and treble adjustments, gain and volume. There are Two seperately controlable zones out, using four balanced XLR connectors. Additionally there are two unbalanced out for zone 3 and 4, Using the RJ485 enables external control of the audiobus. Usign jumpers housed inside the cabinet, each output can freely be assigned to each of the 4 balanced XLR output

Summary

- 8 input / 2 zone output
- 4 balanced mick/line/phantom in
- 4 unbalanced stereo RCA in
- Seperate volume on all input ch.
- Seperate input gain on 1-4
- Seperate bas & treble on all input ch.
- 2 x RJ485 Audio bus connectors for four channels I/O
- Alarm input (EMC)
- 4 x Balanced XLR output
- 2 x unbalanced RCA output
- External mute of all channels
- Mic1 / Mic2 priority control
- Each input can be assigned freely to output channels with jumpers (jumpers located inside cabinet)

Designed for installation in

- Schools
- Work-out facilities
- Sportsbars
- Shops
- Restaurants
- Theme parks
- Sports facilities
- Hotels
- Bars and lounges
- Conference centers
- Amusement parks
- Public buildings
- Warehouses

Prophon Audio & Teknik AB

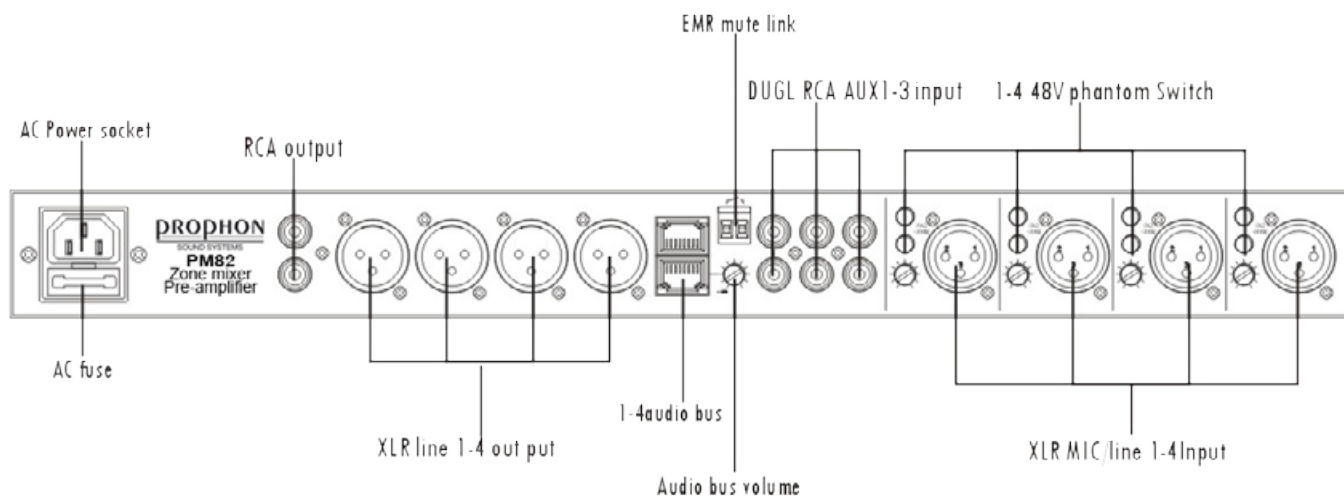
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Technical Specifications PM82

Input Sensitivity/Impedance

1-4 MIC/ Line in

2.5mV/5K Ω balanced, \pm 250mV/5K Ω balanced

1-4 AUX RCA In

400mV/5K Ω unbalanced

Output Level/Impedance

Master 1, 2,3,4

1V/600 Ω balance (MAX: \pm 7.75V)

AUX

1V/10K Ω unbalanced (MAX:7.75V)

Tone

Bass: \pm 15dB at 100Hz, Treble: \pm 15dB at 10KHz

Low Cut

200Hz / 12dB per octave slope mick input (on/off with internal jumpers)

Frequency Response

-1dB (20Hz~20KHz)

THD

Less than 0.05%

S/N Ratio

MIC, More than 60dB

Line, More than 60dB

Cross-talk

MIC

More than 60dB

Line

More than 75dB

Power Consumption

20W

Power Supply

~110V/60Hz or ~230V/50Hz

Dimensions

W484 (19") x D200 x H44mm (1RU)

Weight

3.9Kg

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