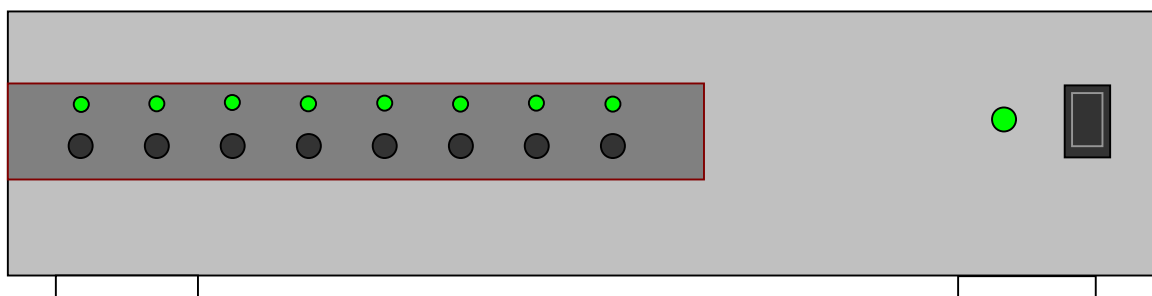


PREAMP 800 manual



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GmbH + Co.KG

Contents

- General description
- Controls
- Terminals
- Technical Data
- Wiring scheme

General description :

The PREAMP 800 amplifies the audio signals of eight audio-sources like Tuner , CD-Player etc. up to an output voltage of 5VAC.

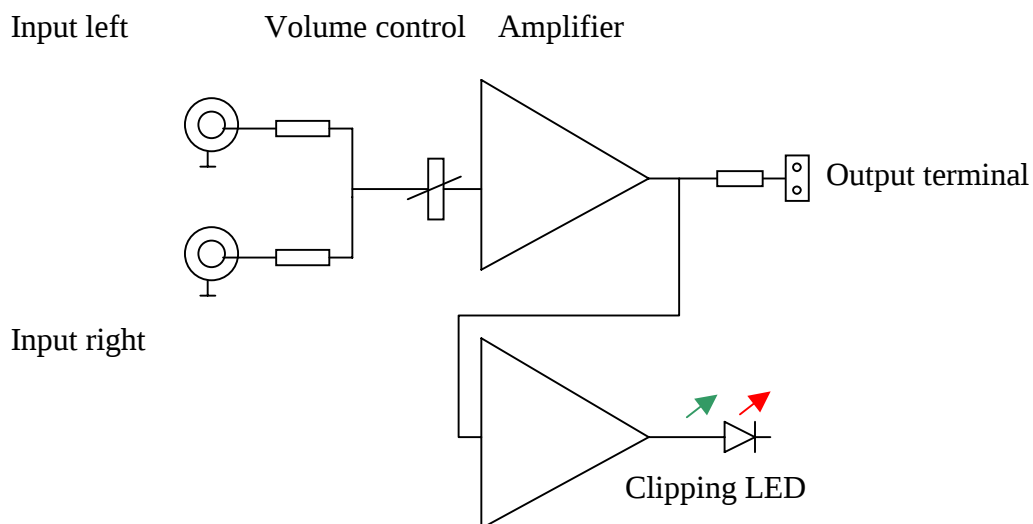
So it can be easily combined with the other WHD multiroom components like the power amplifier AMP 10 and the audioactor AM 840. A volume control on the front side for each channel provides correct level adjustment of different sources.

A clipping LED for each channel indicates wrong adjustment.

Channel 8 can be switched from line to microphone with a switch on the backside for broadcast purpose.

An additional relay input provides switch over of the microphone input to channel 1 and switch- off of the line input 1.

Basic wiring scheme for one channel :

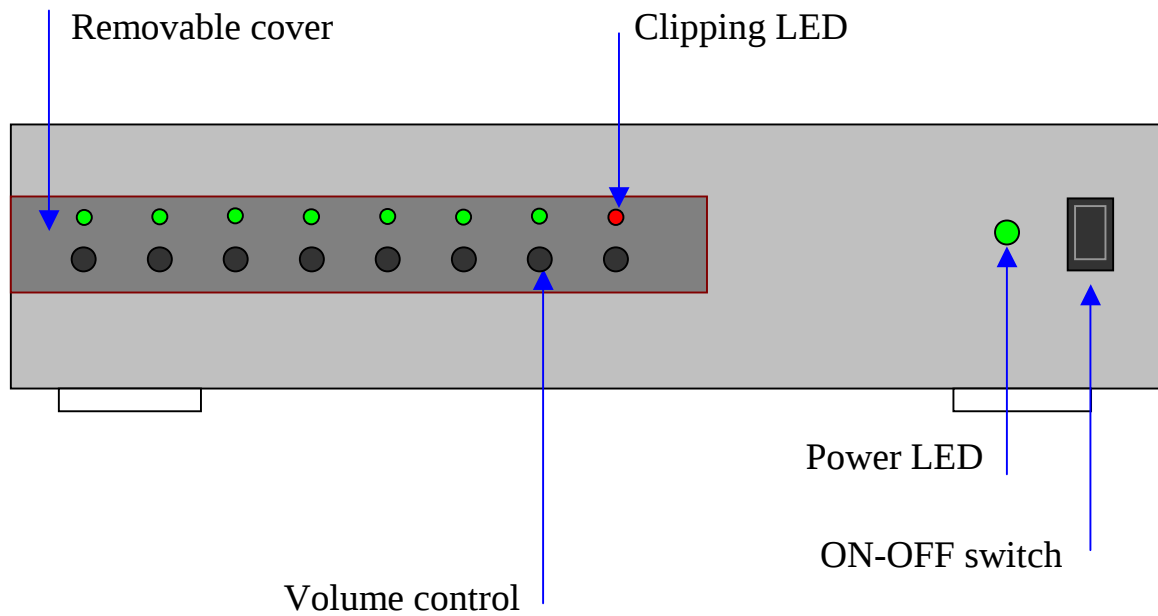


The audio signals of left and right input go to a common combined output terminal.

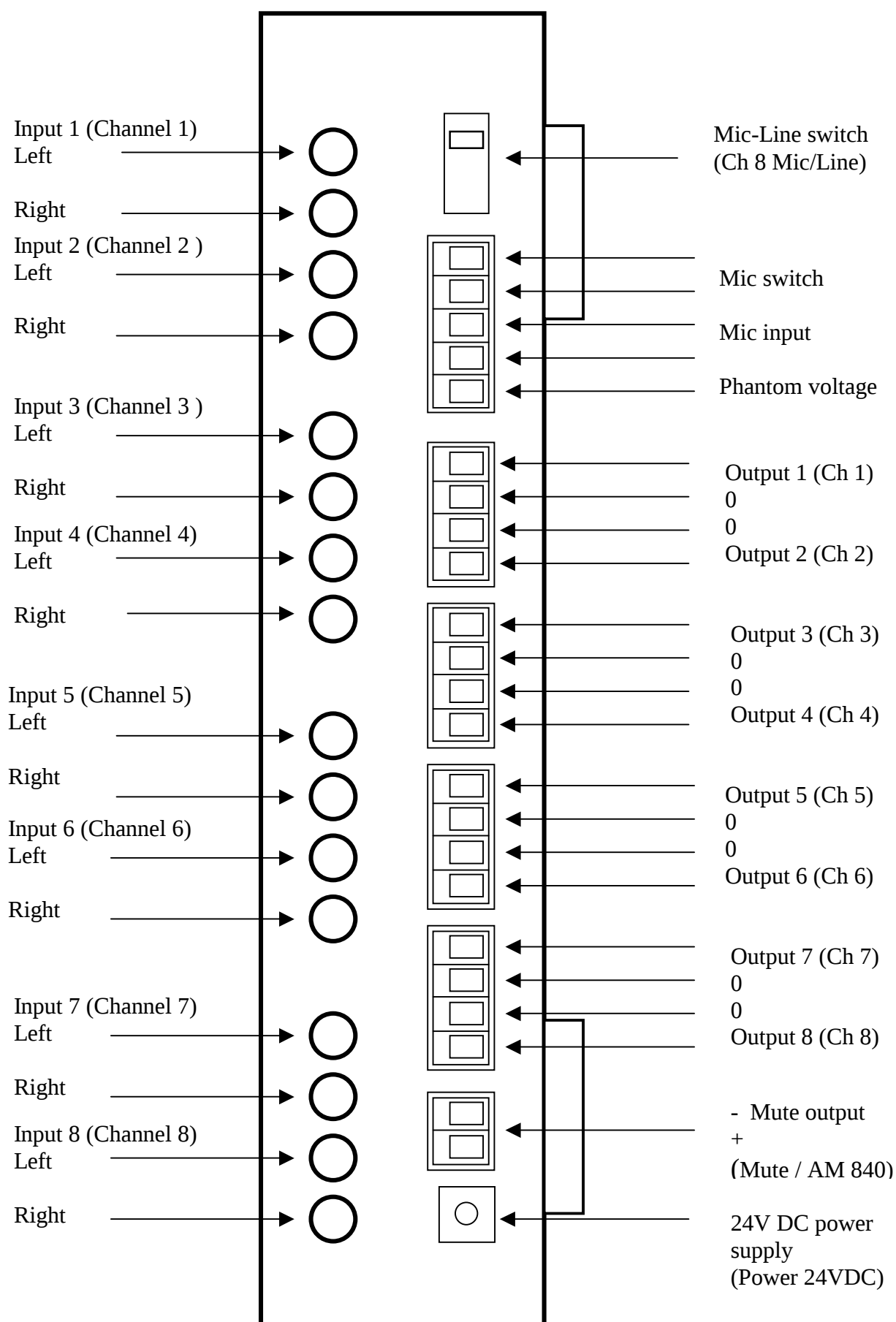
If the output voltage is beyond the threshold voltage of 5 VAC, the LED colour changes from green to red.

If complete stereo application is necessary, the number of channels is reduced to four.

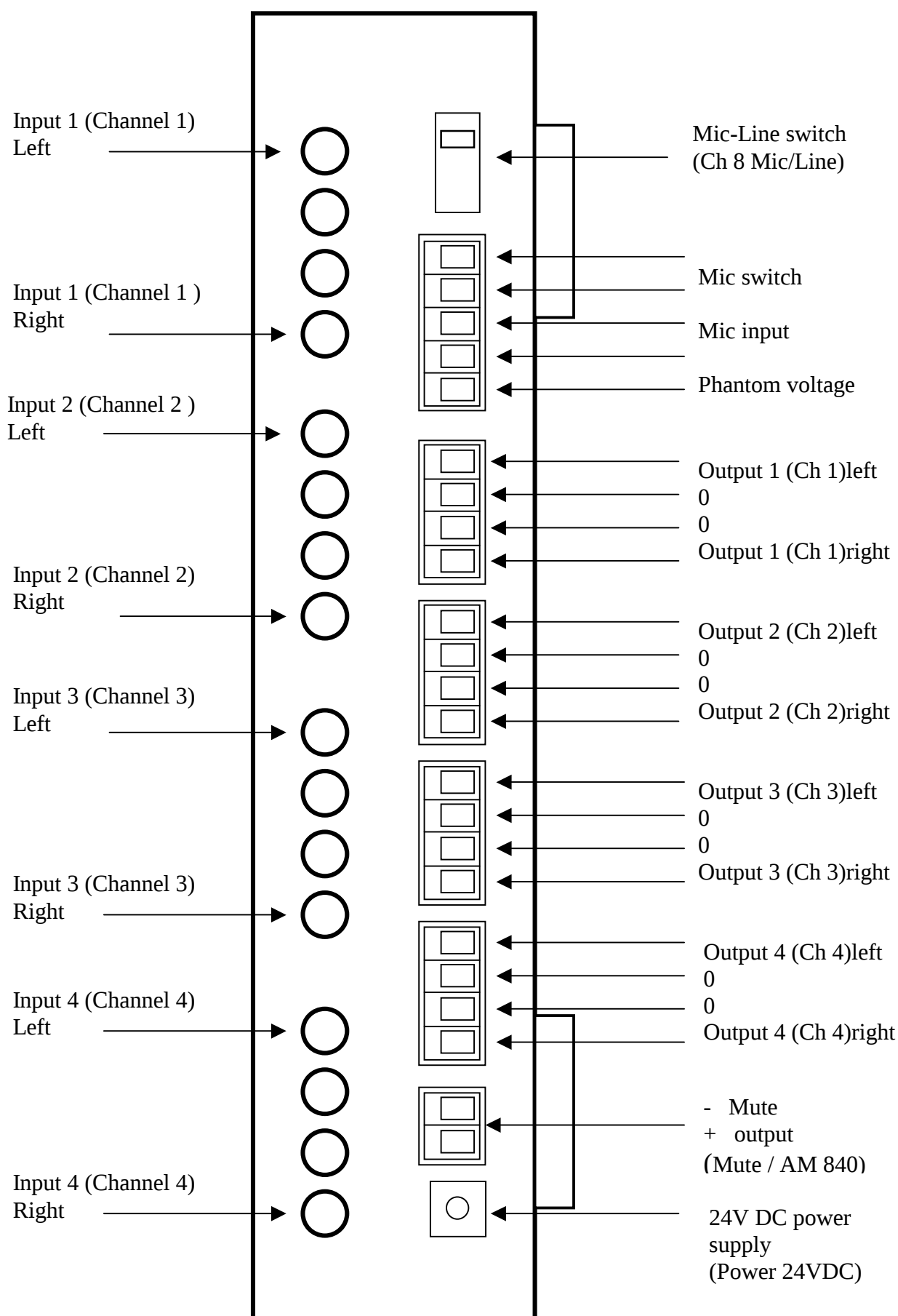
Frontside Controls :



Rear panel terminals :



Rear panel terminals at complete Stereo application:

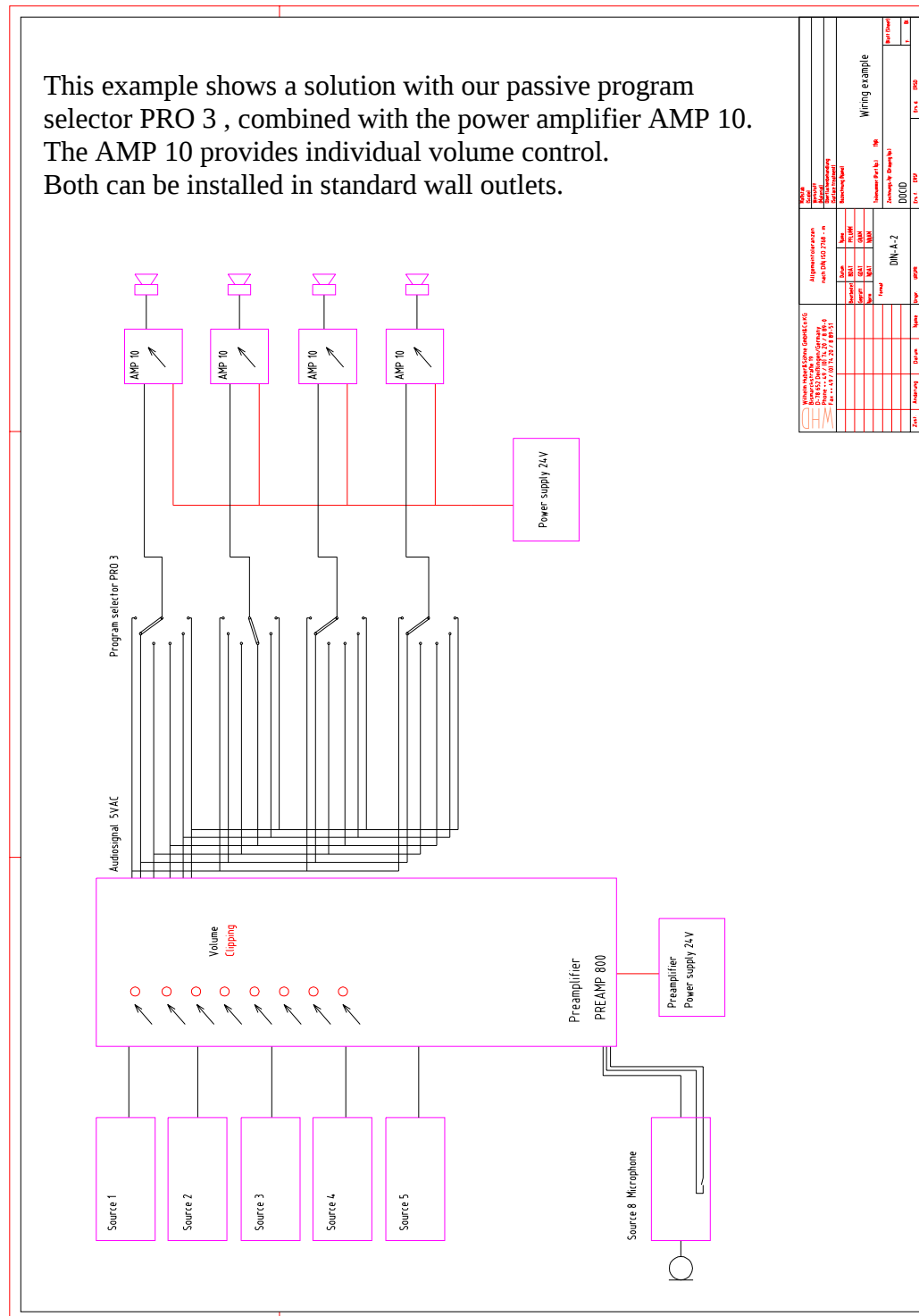


Technical Data :

Power supply :	24V DC
Power consumption :	4W max.
Input voltage LINE :	0,4 V AC
Input voltage MIC :	4 mV AC
Control range :	ap. 60 dB
Input impedance LINE :	47K
Input impedance MIC :	4K7
Output voltage :	5 V AC
Output impedance :	50 Ohm
Frequency range (-1,5 dB) :	30 Hz – 16 KHz MIC 30 Hz – 20 KHz LINE
Distortion :	lower than 0,1%
Mikrophone relay :	24 V DC / 8,5 mA
Mute output :	5-12 V DC
Phantom voltage :	23 V DC
Case :	Metal case
Dimensions (ap. B x H x T) :	430 x 103 x 290 mm
Weight :	3,8 Kg

Power supply :	
Input voltage :	90-264 VAC
Output voltage :	24 VDC
Output current :	0,5 A
Temperature range :	0-40 °C

Wiring example with PRO 3 :



Wiring example with AM 840 :

