Description

PMX604 - 19” zone matrix mixer with 6 input and 4 zone output

A truly versatile machine, where all input channels can be freely addressed to any, some or all of the output zones. Channel 1-4 input uses the XLR/TELE combination connector for input, and features gain controls and phantom power select switch, enabling for line, mic and phantom mic source. Channel 5 and 6 connects through unbalanced stereo RCA line source connectors, for CD, tuner, I-pads, MP3-players etc.

Each zone output has a local input for local zone source. PMX604 also features a monitor output, with zone select and gain, for “listening -in” on zones, a very good function to be able to hear what is played in each zone from the control room.

Summary

- 6 input / 4 zone output
- 4 balanced mick/line/phantom XLR in
- 2 unbalanced stereo RCA line in
- Stereo unbalanced RCA rec. out
- Seperate volume on all input ch.
- Seperate input gain on 1-4
- Seperate bas & treble on all input ch.
- Individual volume control on all zone output channels
- 1 x RJ485 Audio bus connectors for P.T.T mic
- Paging input
- 4 x Balanced XLR zone output
- Local input on all four zones
- Input trigger
- Unbalanced monitor out
- Each input can be addressed freely to all output channels
- AC230V or DC 24V input

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
PMX604 - 19” Pre-amplifier zone matrix mixer
6 Input / 4 separate zone output

1) AC POWER 230V / 50Hz input,
   power switch on front-panel should be turned to off position before connecting AC power input

2) DC POWER (24VDC)

3) ZONE 1 - 4 output and local zone signal input

4) MONITOR OUTPUT (1,4’ TELE JACK)

5) REC OUTPUT

6) LINE INPUT 5, 6 (RCA stereo unbalanced -10dB, 245mV)

7) MIC / LINE BALANCED XLR INPUT
   With phantom power switch on/off, Input signal level -10dB (245mV) - -50dB (2,45mV)

8) CHIME CONTROL
   Remote control for each input

9) PAGING INPUT
   TEL-Paging input terminal, connect to switchboard and paging terminals

10) P.T.T REMOTE MIC INPUT
    Connects the paging mic PM-400, (max 30m.)

11) REMOTE RECEIVER (RR-400) OPTIONAL CARD
    For connecting max 2 pcs. of PM-400 Remote mic, at max 1km. distance
## PMX604 - 19” Pre-amplifier zone matrix mixer

6 Input / 4 separate zone output

### TECHNICAL SPECIFICATIONS

<table>
<thead>
<tr>
<th>Specification</th>
<th>MIC/LINE</th>
<th>LINE REC IN</th>
<th>ZONE : NOR</th>
<th>REC : 0dBu(775mV) / 10kΩ BAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Input Sensitivity / Impedance</td>
<td>-50dBu(2.45mV) / 5kΩ BAL</td>
<td>-10dBu(245mV) / 5kΩ BAL</td>
<td>+4dBu(21.23V) / 200Ω BAL</td>
<td>-10dBu(245mV) / 10kΩ UNBAL</td>
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<tr>
<td>Output Level / Impedance</td>
<td></td>
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<tr>
<td><strong>Frequency Response</strong></td>
<td>(20Hz ~ 20kHz)</td>
<td>Less than -0.5dB</td>
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<tr>
<td>Signal to Noise Ratio</td>
<td>MIC : More than 60dB</td>
<td>LINE : More than 75dB</td>
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<tr>
<td><strong>T.H.D at 1kHz</strong></td>
<td>MIC : More than 0.05%</td>
<td>LINE : More than 0.03%</td>
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<tr>
<td><strong>Cross Talk</strong></td>
<td>MIC : More than 60dB</td>
<td>LINE : More than 75dB</td>
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<tr>
<td><strong>Tone</strong></td>
<td>Bass: ±15dB at 100Hz, Treble: ±15dB at 10KHz</td>
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<tr>
<td><strong>Power consumption</strong></td>
<td>Rated : 10W</td>
<td>Stand-by : 1W</td>
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<tr>
<td><strong>Power</strong></td>
<td>AC 230V/50Hz , DC 24V</td>
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<tr>
<td><strong>Dimensions</strong></td>
<td>W483 (19”) x D260 x H88mm (2RU)</td>
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<tr>
<td><strong>Weight</strong></td>
<td>4.4Kg</td>
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