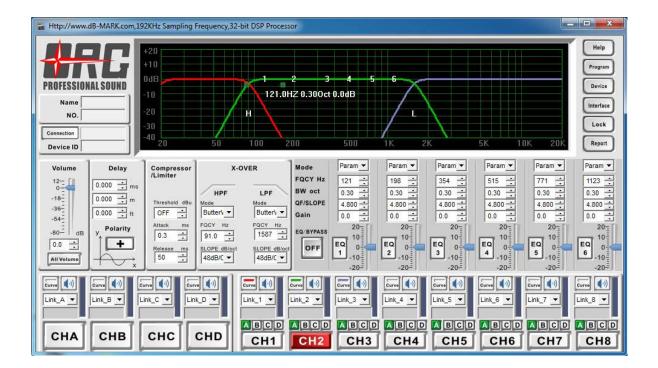


PA MARK IV series digital speaker management



FEATURES

- 96K Hz sampling frequency, 32-bit DSP processor, 24- bit A/D and D/A converter.
- 6 models available: 2 ins/4 outs, 2 ins/6 outs, 2 ins/8 outs, 3 ins/6 outs, 4 ins/6 outs, 4 ins/8 outs.
- USB and RS485 connectors. Up to 250 digital speaker managers can be connected together via RS485 and controlled remotely up to 1500 meters away.
- Convenient use of function buttons on either front panel or the included software interface displays.
- 30 user-program parameters can be stored into the device.
- Parameters can be safely locked against unauthorized users or unwanted changes.
- 6 independent parametric EQ for the input/output. The gain range rises from -20 to 20 dB per band. The output channel EQ can be adjusted to act as a Lo-shelf or Hi-shelf.
- 4 2×2 LCD blue back-light display present. 6 level meter LED display (mute and edit status of input/output displayed too).
- Compensation-delay, phase-control and mute settings for each input/output channel. It offers a maximum length of 1000ms of delay that can be displayed in milliseconds, meters and feet all together.
- Adjustable gain and limiter of output channel; Several input/output signals can be adjusted with the same parameters by the link available option.



| Http://www. | d8-MARK.com.9 | 6KHz Sampling Fi | equency.32-1 | ait OSP Process | or Versioni | G-SV4.01 | | | | | |
|--|------------------------|---|---|---|---|--|---|---|---|--|---|
| PROFESSION PROG NO. NAME | ACC. | +20 +10 0d8 -10 -20 -30 -40 20 | 50 | 2 | 3- | 500 | А 21 | | 5 5K 10 | 6 IK 20K | Kelp Program Davias Davias Linter Linter Report |
| Volume 12-1-0 -13-1-1 -34-1 -34-1 -34-1 -10-1 | Delay 0 000 | Compressor (Einiter Theonof also OFF | X- HPF Buteri • FOCY NU 30.4 ± BLOPE stress 40dBC • | LPF Ham Butteri • Pacv Hu 91.0 ± Butteri • Butteri • Butteri • | Mode FQCY Hz BW oct QF/SLOPE Gain EQ. 977A55 | Param • 20.3 44 0.30 44 4.800 44 0.0 44 0 | Parsm • B1.1 4 0.30 4 4.800 4 4.800 4 0.0 4 20 10 20 10 20 20 20 10 20 20 10 20 20 10 20 20 20 20 20 20 20 20 20 2 | Param • 315 d + 0.20 d + 4.600 d + 0.8 d + 20 0.0 -10 - -20 - | Peram • 1090 -4 5.30 -4 4.800 -4 0.0 -4 20 10 -10 -20 -10 -20 | Param + 5640 -44 0.30 -4 4.800 -4 0.0 -4 20 20 5 -10 -20 | Param • 19565 -4 0.30 -4 4.800 -4 0.0 -4 10 20 10 0 0 0 -10 -20 -10 -20 -10 -20 -10 -20 -10 -20 -20 -20 -20 -20 -20 -20 -2 |
| | barrend barrend in the | | | | | | | | | | |

| 🙀 Http://www.d8-MARK.com,96KHz Sampling Frequency.32-bit DSP Processor Version/G-SV4.01 | | | | | | | | |
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| PROFESSIONAL SOUND | 20 10 10 10 10 10 10 10 10 10 10 10 10 10 | 200 500 | IK 2K | 5K 10K 20K | Help Aroyum Device Warface Lock Report | | | |
| 12-11 | Noise Gate Gain (Bu) Copyright@desama.udia Copyright@desama.udia Web: www.db-mark.com | | Paran Paran 76.5 0.0 0.0 0.0 4.500 1.0 1.64 11.1 20 20 20 20 20 20 20 20 20 20 20 20 3.10 .10 .20 .20 | Param Param 1224 4226 5.30 4 6.30 4 4.800 4 14.4 15.3 201 00 00 0 00 0 00 0 00 0 00 0 00 0 00 0 201 0 202 0 | Param v 19464-0 1946-0 1946- | | | |
| | | | | Link_6 • Link_7 • ABCD ABCD OUT 6 OUT 7 | | | | |

SPECIFICATION

| MODEL | PA240 | PA260 | PA280 | PA360 | PA460 | PA480 | | | |
|---------------------------------|---|--------------------|-------------------|------------------|------------------|------------------|--|--|--|
| Input Channel & Socket | 2CHs, Female XLR | 2CHs, Female XLR | 2CHs, Female XLR | 3CHs, Female XLR | 4CHs, Female XLR | 4CHs, Female XLR | | | |
| Output Channel & Socket | 4 CHs, Male XLR | 6 CHs, Male XLR | 8 CHs, Male XLR | 6 CHs, Male XLR | 6 CHs, Male XLR | 8 CHs, Male XLR | | | |
| Input Impedance | Balance: 20KΩ | | | | | | | | |
| Output Impedance | Balance: 100Ω | | | | | | | | |
| PC Com Port | One USB Com Port on front panel, 2 RS485 Com Port on back panel(RJ-45) | | | | | | | | |
| CMRR | >70dB(1KHz) | | | | | | | | |
| Input Range | ≤+25dBu | | | | | | | | |
| Frequency Response | 20Hz-20KHz(-0.5dB) | | | | | | | | |
| S/N R | >110dB | | | | | | | | |
| THD | <0.01% OUTPUT=0dBu/1KHz | | | | | | | | |
| Crosstalk of Channels | >110dB(1KHz) | | | | | | | | |
| Functions of Input Channels | | | | | | | | | |
| Input Mute | Each channel has li | ndependent Mute (| Control | | | | | | |
| Input Delay | Each channel has Independent Delay Control Range:0—1000ms stepover 21us@<10ms; stepover 84us@10-20ms; | | | | | | | | |
| Input Polarity | Same Phase + or reversed Phase - | | | | | | | | |
| Input EQ | Each Input Channel has 6 Bands Parametric EQ Central Frequency Point:20Hz-20KHz, 239 frequency points totally | | | | | | | | |
| Functions of Output Channels | | | | | | | | | |
| Output Mute | Each channel has Ir | ndependent Mute (| Control | | | | | | |
| Output Selection | Each input channel | can be selected to | each output chann | el | | | | | |
| Output Gain | Range:-12dB~+12dB, step: 0.1dB | | | | | | | | |
| Output Delay | Each channel has Independent Delay Control Range:0—1000ms stepover 21us@<10ms; stepover 84us@10-20ms; | | | | | | | | |
| Output Polarity | Same Phase + or reversed Phase - | | | | | | | | |
| Crossover | Each Channel can be set up LPF and HPF independently. Adjustable Parameters: Filter Types (Linkwitz- | | | | | | | | |
| Limiter | Each Channel can be set up limiter independently. Adjustable Parameters: Threshold Value:-20dBu-+20dBu | | | | | | | | |
| Output EQ | Each output channel can be set up as 6 Bands EQ. EQ Paramater , Lo-shelf/Hi-shelf can be selected for EQ Modes. | | | | | | | | |
| Processor | 96KHz Sampling frequency, 32-bit Floating-Point DSP | | | | | | | | |
| Display | With 2*24 LCD, 8-LED input/output level. Mute and Editing mode can be displayed. | | | | | | | | |
| Power | ≤25W | | | | | | | | |
| Power Supply | AC110V/220V 50/60Hz | | | | | | | | |
| Product | 482×232×44mm | | | | | | | | |
| Net Weight | 3.6kg | | | | | | | | |
| Shipping | 1PC:562X362X98mm/0.0199m3 6PCS:575X375X608mm/0.1311m3 | | | | | | | | |
| Gross Weight | 1PC:4.6(kg) 6PCS:2 | 8.8(kg) | | | | | | | |