

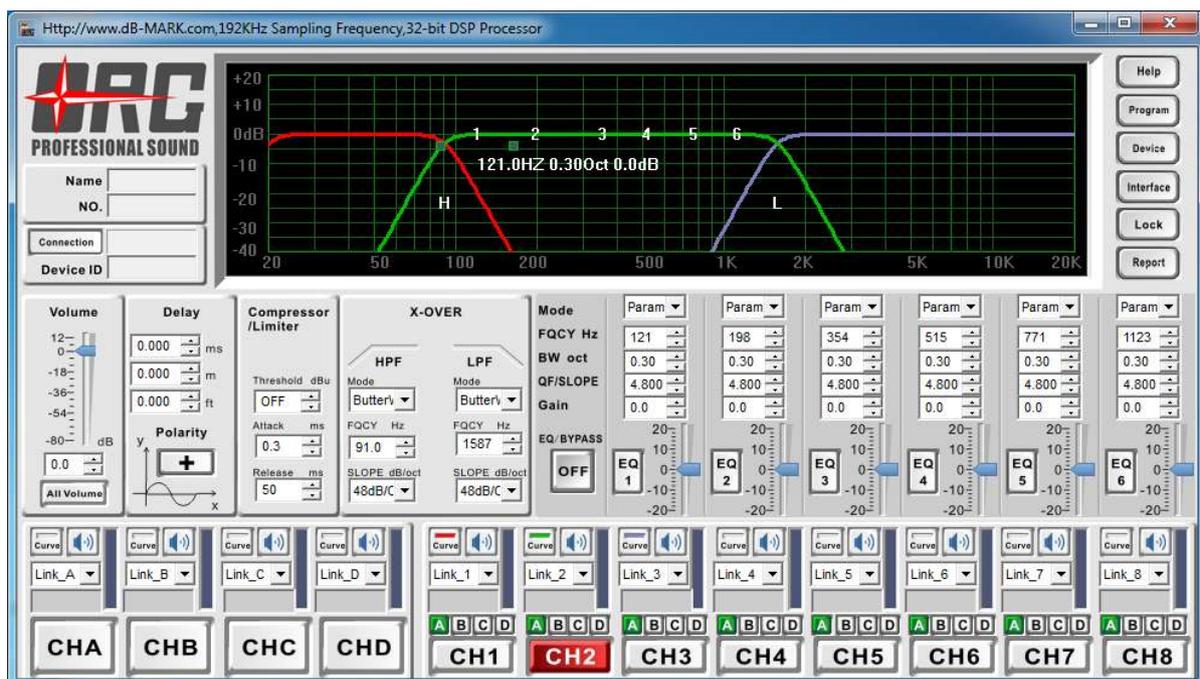


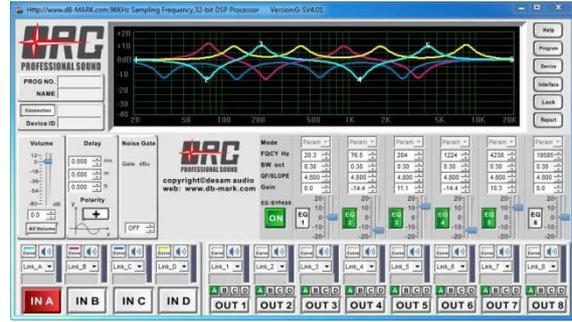
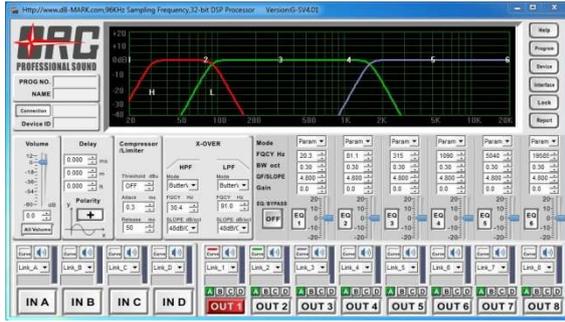
## PA MARK IV series digital speaker management



### 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 2x2 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.





## 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)					
<b>Functions of Input Channels</b>						
Input Mute	Each channel has Independent 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					
<b>Functions of Output Channels</b>						
Output Mute	Each channel has Independent Mute Control					
Output Selection	Each input channel can be selected to each output channel					
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:28.8(kg)					