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 are present for PC connection. 250 units can be connected together via Rs485 and it can be controlled remotely as far as 1500 meters.
- 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.
- Safety/security lock buttons provide peace of mind again unwanted changes from unauthorized users or unwanted set-up changes.
- 6 independent parametric EQ of input and output. The gain range is ±2 0 d B. The EQ of output channel has two slopes: Lo-shelf and Hi-shelf.
- 4 2×2 LCD blue back-light display present. 6 LED display an exact digital level meter (and mute and edit status of input/output).
- Every input and output has compensation-delay, phase control and mute settings, delay function offer a maximum of 1000ms.
- Adjustable gain & limiter of output channel; Just choose the input signal and copy all the parameters from one channel to another channel with joint debugging.

SPECIFICA	TION						
MODEL	XCA24	XCA26	XCA28	XCA36	XCA46	XCA48	
Input channel jacks	2 CHs, Female XLR	2 CHs, Female XLR	2 CHs, Female XLR	3 CHs, Female XLR	4 CHs, Female XLR	4 CHs, Female XLR	
Output channel jacks	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	Balanced: 20KΩ	,					
Output impedance	Balanced: 100Ω						
PC port	1 USB (front panel), 2 RS485 RJ45 (back panel).						
CMRR	>78dB(1KHz)						
Input range	≤+25dBu						
Frequency response	20Hz-20KHz(-0.5dB).						
S/N R	>118dB						
THD	<0.01% output=0dBu/1KHz.						
Crosstalk of channels	>88dB(1KHz).						
Functions of input channels	7000B(11(12))						
Input mute	Mute with each input	& output channel					
Input delay	Mute with each input & output channel. Each input channel has a separate delay control, adjustable range of 0-1000ms, less than 10ms, step away from the 21us;						
input dolay	10ms-20ms, step away from the 84us; greater than 20ms, step away from the 0.5ms						
Input polarity	In-phase(+/+) or reversed phase(+/-).						
Input EQ	Each input channel of 6 parametric EQ, adjusting the parameters in the Parameter: center frequency: 20Hz-20KHz, a total of 239 frequency bandwidth: 0.05oct-3oct, Step away from the 0.05oct gain: -20dB-+20dB, step away from the 0.1dB						
Input gain	Input gain range:-80dB~+12dB,step@0.2db.						
Input compression	Threshold: -40dBu-+20dBu, step away from the 0.5dBu; the compression ratio: 1.0:1~20:1 is less than 2.0:1, step 0.1 is greater than 2.0:1, step 0.5; response time: 0.3mS~200mS, Less than 1mS, step away from the 0.1mS is greater than 1mS, step away from the 1mS release time step for 1mS: 50mS~5000mS						
Functions of output channels	response time. 0.3m3*-20	omo, Less man imo, step a	way ironi tile o. imo is great	er than imo, step away nom	Tule IIIIS release unle step i	DI 11113.301113 -30001113	
Output mute	Each channel has independent mute control.						
Output selection	Each input channel can be selected to each output channel.						
Output gain	Range:-80db~+12db, step: 0.2db.						
Output delay	Each input channel has a separate delay control, adjustable range of 0-1000ms, less than 10ms, step away from the 21us; 10ms-20ms step away from the 84us; greater than 20ms, step away from the 0.5ms						
Output polarity	Same phase (+/+) or reversed Phase (+/-).						
Crossover	Each output channel can be independently set as LPF or HPF. These parameters can be adjusted. Filter type: Linkwitz-Riley; Bessel; Butterworth. The crossover frequency: 20Hz-20KHz, Slope: 12db/oct; 18db/oct; 24db/oct; 36db/oct; 42db/oct; 48db/oct.						
Output Extension	Threshold: -40dBu~+20dBu, step away from the 0.5dBu; expansion ratio: 1:1.0~1:20 is less than 1:20, step 0.1 is greater than 1:2.0, step 0.5; response time: 50mS~500mS,Step away from the 1mS release time: 0.3mS~200mS is less than 1mS, step away from the 0.1mS is greater than 1mS, step away from the 1m						
Compression	Limiter present for each output channel. These parameters are adjustable: Threshold value: -40db~+20db; step:0.5db. Attack time: 0.3mS~200mS. 0.1mS step@0.3~1mS;1ms step @1mS~100ms. Release time: Release time can be set to 50ms ~ 5000ms.						
Limiter	Threshold: -40dBu-+20dBu, step away from the 0.5dBu; the compression ratio: 1.0:1~20:1 is less than 2.0:1, step 0.1 is greater than 2.0:1, step 0.5; response time: 0.3mS~200mS,Less than 1mS, step away from the 0.1mS is greater than 1mS, step away from the 1mS release time step for 1mS: 50mS~5000mS						
Output EQ	Each output channel has a 6-band EQ: 3 modes: Lo-shelf/Hi-shelf/parameter. A: Lo-shelf: Slop: 6dB/12db; Frequency: 20Hz~20kHz; Gain: -20db~20db; B: Hi-Shelf: Slop: 6db/12db; frequency: 20Hz~20kHz; gain:-20db~20db; C: Parameters: frequency: 20Hz~20kHz, bandwidth: 0.05oct~3oct; Step: 0.05oct; Gain: -20db~+20db, Step 0.1db.						
Processor	96KHz sampling frequency, 32-bit floating-point DSP.						
Display	2 x 24 LCD, 8-LED for input/output level. Mute and editing functions can be displayed.						
Power	≤25W						
_	AC110V/220V 50/60Hz						
Power supply	ACTIOVIZZOV 30/0	482×228×44mm					
Product dimension (W×D×H)							
Product dimension (W×D×H)	482×228×44mm	/0.0177m³ 6PCS·	569X339X612mm/0.11	80m³			