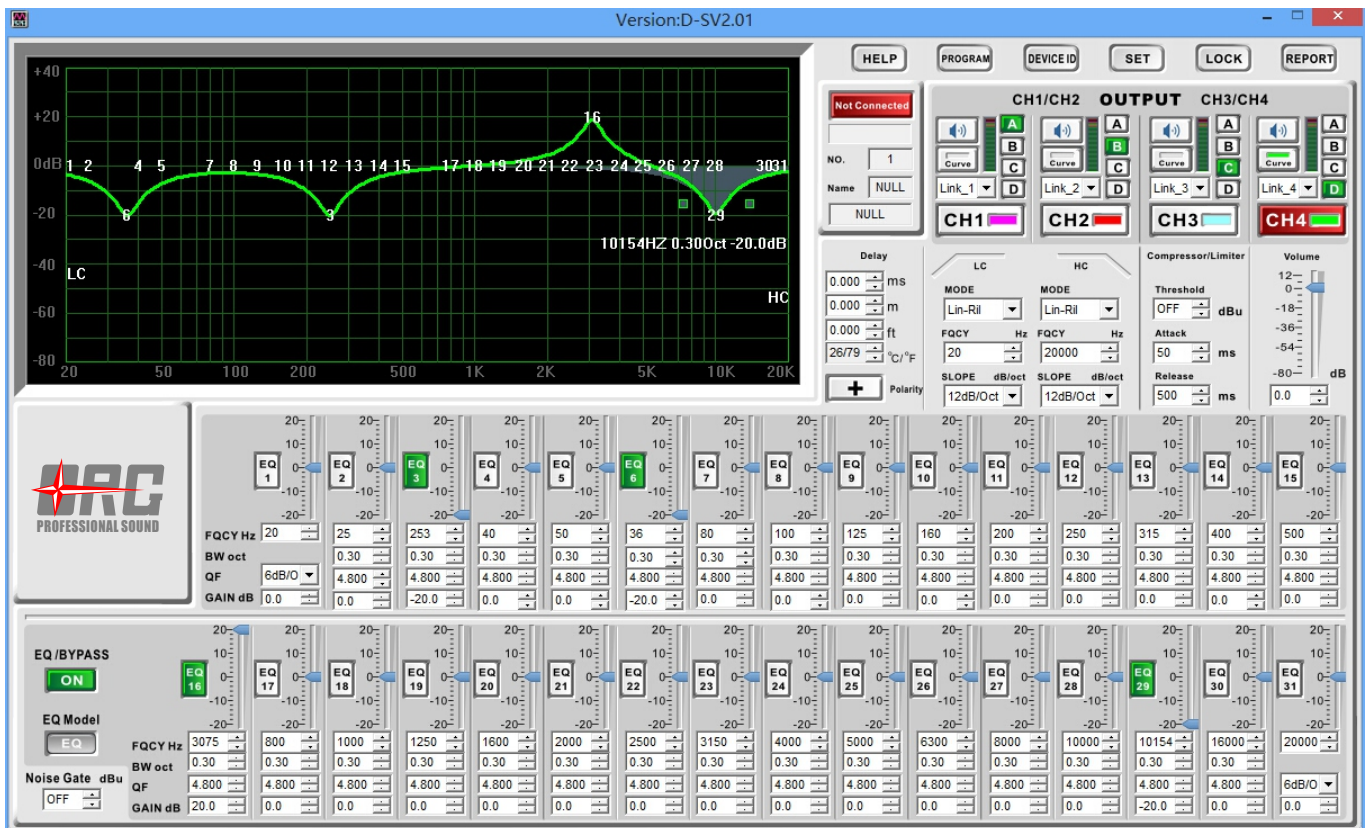
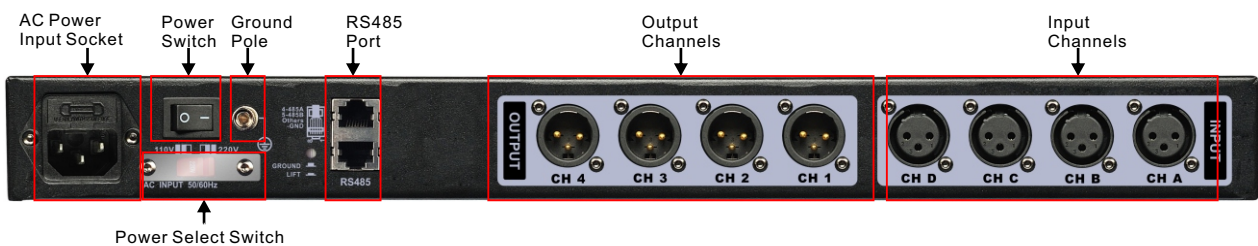
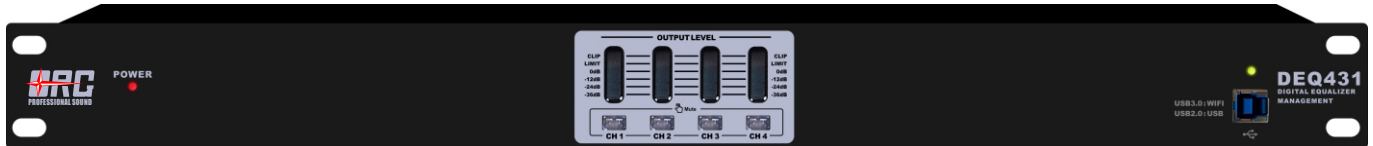
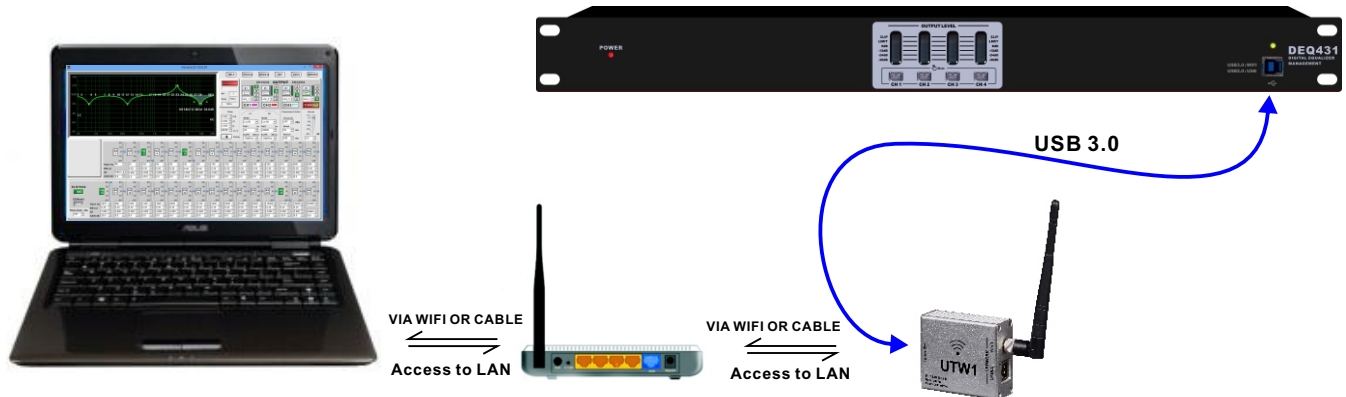


MODEL:DEQ431 DEQ231



## FEATURES

- 96k Hz sampling frequency, 24-bit A/D and D/A converter, 32-bit DSP processor.
- 4 channels with Hi-cut and Low-cut.
- USB and RS485 cables are provided for connection with computer. 250qty of this device can be connected together via RS485 and controlled remotely from as far away as 1500 meters.
- 30 types of program-variables can be stored into the device.
- Each channel comes with 31-bands of parametric EQ.
- Compensation-delay, phase control and mute settings are all present for each channel. The delay's maximum length is 1000ms (and millisecond, meter and feet can all be displayed at the same time).



## SPECIFICATION

MODEL	DEQ231	DEQ431
Input channel jacks	2 female XLR.	4 CHs, Female XLR
Output channel jacks	2 male XLR.	4 CHs, Male XLR
Input impedance	Balanced: 20KΩ.	
Output impedance	Balanced: 100Ω.	
PC port	1 USB (front panel), 2 Rs485 RJ-45 (back panel), 1 network port, 1 wifi wireless interface.	
CMRR	>70dB(1KHz).	
Input range	≤+25db.	
Frequency response	20Hz-20KHz(-0.5db).	
S/N R	>110db.	
THD	<0.01% OUTPUT=0db/1KHz.	
Crosstalk of channels	>80dB(1KHz).	
Noise gate	10db -120db.	
Output mute	Each output channel has independent mute control.	
Input selection	Each output channel be assigned to any input channel or group.	
Output volume	Each output channel has independent volume control.	
Output delay	Each channel has independent compensation-delay control, range:0—1000ms. Step-over 21us@<10ms; step-over 84us@10-20ms; step-over: 0.5ms@>20ms.	
Output polarity	Same phase (+/+) or reversed Phase (+/-).	
Crossover	Each channel can set up both LPF and HPF independently with adjustable parameters. Filter types: Linkwitz-Riley/Besse/Butterworth. Frequency turning-point: 20Hz-20KHz, 239 frequency-points, total. Decay of slope: 12db/oct, 18db/oct, 24db/oct, 48db/oct.	
Limiter	Each channel can be set up limiter independently. Adjustable Parameters: Threshold Value:-20db to +20db Step-over:0.5db@starting time:0.3ms-100ms Step-over<1ms @0.1ms, Step-over>1ms@1ms	
Output EQ	Each output channel can set up 31 bands of independent EQ. When set as PEQ, the adjustable parameters are: LO-EQ1 ( bass boost or low cut), H1-EQ15 (high boost or high damp) with adjustable frequency points filter. S-db can choose 6db/oct or 12db/oct. Gain: -40db to +20dB, step-over: 0.1dB, and 13 bands independent parametric EQ. Central frequency point: 20Hz-20KHz, 239 frequency points, total. Bandwidth: 0.01oct-3oct, step-over is 0.01oct. When set as GEQ, the functions are the same as when set as PEQ. Only the Frequency	
Processor	96KHz Sampling frequency, 32-bit Floating-Point DSP.	
Power	≤25W.	
Power supply	AC110V/220V 50/60Hz.	
Product dimension (W×D×H)	482×232×44mm.	
Net weight	3.7kg.	
Shipping dimension (W×D×H)	1 piece: 562 x 362 x 98mm/0.0199m³.	6 pieces: 575 x 375 x 608mm/0.1311m³.
Gross weight	1 piece: 4.65(kg).	6 pieces: 31.9(kg).