



Clear D series Digital Audio Processor, could fully support Analog / Dante channel with complete processing, 24 channel Dante network processing suitable for medium / large scaling stadium , conference center, sporting gallery, commander center, traffic control center.....etc. Graphic processing interface with multi language support high resolution signal compressing, D12 also suitable for wall controller / portable device such like up=stream for iPad as well.

Features >>>

- 12 channel balanced microphone / Line in with Phantom power
- 8 channel balanced output , with Dante solution at total 24
- channel processing, TX / RX at the same time, support 24 bit
- / 48 KHz audio quality, brilliant pre-amp design support
- 0/6/30/36/42 dB activity tuning .. Available with Mic / Line in level control, Build-in USB 2.0 socket, could operate music thru Pen drive. Full function array mixing, could control all signal routing under crossing build.
- AFC / AGC build-in

Real-time Limit function build-in, Audio Management with multi-mode under Butterwith selection .

AEC (Auto Echo Cancellation) build-in

Pre-EQ combine with High-Self, Low-Shelf, Low-Pass, High-Pass to get flexible tuing for better design

RJ45 socket build-in

RS232 build-in

GPIO support 12 channel logical input/output, 4 channel for level control or connect with Clear CV4 to be design combination.

Support full range of control panel from Tendzone

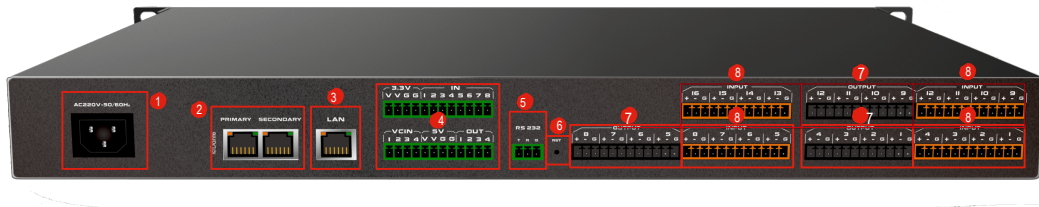
Pre-Amp , Signal Generator, Compress, 5-band graphic EQ with parametric tuning, PEQ, High -Shelf, Low-Shelf, LP, HP,also available with 31 band EQ adjustable channel , delay, crossover, High-Low filter, Limitation , AEC with 256 ms setting. ANC function build-in with 18dB

Specifications >>>

subjects	details
Input / Output Channel	12 group
Channel function (AEC)	Pre-Amp , Signal Generator, Compress, 5-band graphic EQ with parametric tuning, PEQ, High -Shelf, Low-Shelf, LP, HP,also available with 31 band EQ adjustable channel , delay, crossover, High-Low filter, Limitation , AEC with 256 ms setting. ANC function build-in with 18dB

项目	参数
AFC	12 activate point available , support Dynamic, fix ,Random
Sampling frequency	48kHz
Sensitivity	106dB
Phantom power	DC 48V
input sensitivity n	75dBu @ +20dBu , 60Hz
Channel separation	106dB
Frequency response	20Hz~20kHz (±0.5dB)
Noise ratio :	-90dBu
EIN:	≤-125dBu
THD+N	≤0.002% @1kHz, +8dBu
Input gain	42dB
Input Impedance	10KΩ Balance
Output Impedance	100 ohm
Output Level	20dBu
Working voltage	220VAC
Rating power	60W
Dimension (WxHxD)	44mmx488mm×260mm
Weight	3.4kg

Back panel >>>



Back panel

- ① AC input
- ② DANTE socket for Master/Slave
- ③ LAN Socket
- ④ GPIO
- ⑤ RS232
- ⑥ Reset
- ⑦ Balance analog output
- ⑧ Balance analog iutput



400 - 065 - 0605

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