Clear D series Digital Audio Processor, could fully support Analog / Dante channel with complete processing, 32 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, D8 also suitable for wall controller / portable device such like up=stream for iPad as well.

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Features ≫

- 8 channel balanced microphone / Line in with Phantom power

- 8 channel balanced output ， with Dante solution at total 16

- 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 8 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	8 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	16 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 voltagw	220VAC
Rating power	60W
Dimension（WxHxD）	44mmx488mm×260mm
Weight	3.4kg

Back panel ⋙

Back panel

❶ AC input
❷ DANTE socket for Master/Slave
❸ LAN Socket
❹ GPIO
❺ RS232
❻ Reset
❼ Balance analog output
❽ Balance analog iutput