

## 8 In 8 Out DSP Audio Processor



**DSP-880N2**



**DSP-880ND2/DSP-880ND3**



### DSP-880N2/DSP-880ND2 DSP-880ND3

#### Ordering Code

- DSP-880N2: 8 In 8 out DSP audio processor AFC, AUTOMIX, RS 232 and camera control**
- DSP-880ND2: 8 In 8 out DSP audio processor AFC, AUTOMIX, RS 232 and camera control, DANTE Ultimo 4 Channel**
- DSP-880ND3: 8 In 8 out DSP audio processor AFC, AUTOMIX, RS 232 and camera control, DANTE 8 Channel**

#### Description

The DSP-880N2/DSP-880ND2/DSP-880ND3 audio processor combines Auto Mixer, Matrix Mixer, and Feedback suppressor in one purpose-built DSP processor. At the same time, it has independent FIR/AFC/AEC/ANS/AGC gain sharing automatic mixing, threshold automatic mixing and other processing modules. The DSP-880N2/DSP-880ND2/DSP-880ND3 includes 8 mic/line analog inputs, 8 analog outputs to meet the needs of a wide range of audio processing applications such as boardroom, medium/large conference rooms, courtrooms, auditoriums and multi-purpose halls.

#### Features

- 8-channel analog input and 8-channel analog output, Microphone or Line in switch
- +48V Phantom power per input channel
- AFC in each input
- AUTO-MIX and MATRIX-MIX
- 15 PEQS per input and 10 PEQS per output
- USB free driver connect, RS232/485 connector for center control

| SPECIFICATIONS         | DSP-880N2/DSP-880ND2/DSP-880ND3                                |
|------------------------|--|
| Input Channels         | 8 balanced, Mic/line level                                     |
| Connectors             | 3.81 mm Euro block   |
| Input Impedance        | 11.5KΩ   |
| Maximum Input Level    | 14dBu/Line, -7dBu/Mic  |
| Phantom Power          | +48VDC, 10mA, selectable per input                             |
| Output Channels        | 8/8/16 balanced, line level                                    |
| Output Impedance       | 150Ω   |
| Frequency Response     | 20Hz-20kHz(+/-0.5dB)/Line<br>20Hz-20kHz(+/-1.5dB)/Mic          |
| THD+N                  | LINE: 0.003%<br>MIC: 0.005%                                    |
| SNR                    | 105dB(@12dBu, 1kHz, A-wt)/Line<br>95dB(@-7dBu, 1kHz, A-wt)/Mic |
| USB                    | Micro-B type, free driver                                      |
| RS232                  | Serial port communication                                      |
| TCPIP                  | RJ-45, Optional  |
| LED Status Indicators  | Power, Link, +48V, Input and Output Audio signal               |
| Mains Voltage          | AC100V--240V 50/60 Hz  |
| Dimensions             | 44mmx483mmx210mm   |
| Net Weight             | 2.8kg  |
| Operating Temperature  | -20°C-60°C   |
| Cooling System         | Active, Fan inside   |
| Signal Processor       | 32-bit fixed/floating-point DSP 300MHz                         |
| Audio Latency          | < 1ms  |
| A/D and D/A Converters | 24-bit   |
| Sample Rate            | 48KHz  |

## 8-Zone Paing Microphone Station



**DSP-M8V2**



### Features:

8 ZONE Remote Microphone Station for DSP-880ND2, DSP-880ND3, DSP-880N2

#### ● Controls

Zone selector switches for Z1~Z8. Talk & Chime on/off. Level control volume for MIC & Chime.

#### ● Connectors

Rs485 communication with DSP-880N2, DSP-880ND2, DSP-880ND3, DC12V input.

#### ● Indicators

Power, Busy, Signal, Clip.

| SPECIFICATIONS                 | DSP-M8V2                     |
|--------------------------------|------------------------------|
| Rated Output Level / Impedance | 0dB / 600Ω Balanced          |
| Input sensitivity / Impedance  | -36dB / 20kΩ Balanced        |
| Frequency Response (-1dB)      | 80Hz - 15kHz                 |
| T.H.D                          | <0.1%                        |
| Hum & Noise                    | > 90 dB                      |
| Number of Zone                 | 8 Zones                      |
| Weight (Net)                   | 750g                         |
| Dimensions (W x Hx D)          | 115 x 60 x 195mm (only body) |