

## SP-MA88Cwith ANC+AEC Matrix processor



### Features:

- 8-channel analog audio input 8-channel analog audio output, support free switching between microphone input and line input
- With AEC echo cancellation function and ANC noise cancellation function, suitable for interactive recording and broadcasting remote conference occasions
- Each microphone input has 9-level sensitivity adjustment
- Each input with 48V phantom power switch
- Each input has a feedback suppression function switch, two-speed adjustment
- With AUTOMIX automatic mixing and matrix mixing function
- Input 31-segment PEQ adjustable, output 10-segment PEQ adjustable
- With video tracking control function, it supports most domestic and foreign camera control protocols
- USB driver-free automatic connection software, and supports RS232 central control
- Support touch screen remote control
- USB sound card, recording and music playback

### Specifications:

#### 1. DSP chip:

Signal Processing: 32-bit fixed/floating-point DSP 300MHz

Audio System Latency: < 1ms

Digital-to-analog conversion: 24-bit

#### 2. Analog audio input and output:

Input channel: 8 balanced inputs. Mic/line level

Audio Interface: 3.81 mm Phoenix, 12-pin

Input Impedance: 11.5K $\Omega$

Maximum input level: 12dBu/Line, -7dBu/Mic

Phantom Power: +48VDC, 6.5mA, per channel configuration

Output channel: 8 balanced outputs, line level

Output impedance: 150 $\Omega$

#### 3. Audio indicators:

Frequency response curve: 20Hz-20kHz(+/-0.5dB)/Line

20Hz-20kHz(+/-1.5dB)/Mic

THD+N: -90dB(@12dBu,1kHz,A-wt)/Line

-86dB(@-7dBu,1kHz,A-wt)/Mic

Signal-to-noise ratio: 105dB(@12dBu,1kHz,A-wt)/Line

95dB(@-7dBu,1kHz,A-wt)/Mic

#### 4. Connection and display:

USB: Micro-B type, free drive

RS232: Serial port communication

TCP/IP network port: RJ-45

Indicator light: Power, Link, +48V, input and output audio signal

#### 5. Electrical and physical parameters

Power supply range: AC100V---240V 50/60 Hz

Dimensions: 44mmx483mmx210mm

Net weight: 2.8kg

Working temperature: -20°C--80°C



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