Description

Digital audio processor is a fixed input and output structure, which providing 8 channels balanced mic / line input and output, and support input and output 8-channel balanced mic / line audio signal at the same time . Processor is composed by the pre-amp processor module, signal generator, extender, compressor, equalizer, automatic mixer, audio processor, frequency divider, limiter, and delayer, high and low pass filters and other audio processing modules. Built-in high-speed DSP processing chip control and process other audio processing modules. Processor adopts software operating platform to control. Intuitive and analogue software operation interface has group control, parameter copy, paste, and joint control function. User can finish the real-time adjustment the same as operate the analog devices, to realize humanization operation.

Digital audio matrix processor supports remote control by external control panel, which uses standard TCP/IP network control protocol, adopts advanced POE power supply or an external power supply, support multiple control panel like "daisy chain" and "star" connection way. Software operation platform adopts a personalized graphical programming module, guide programming way, available automatic define the control function of any control parts (LED, knobs, fader, buttons, etc.)On board, greatly increase the flexibility of the use of panel. It will make the system more cost-effective through the control panel.

Digital audio matrix processor is used for various professional workplaces, to meet the professional broadcast demands of conference rooms, stadiums, lecture halls, auditorium, banquet hall, court, exhibition halls, and public transportation.

Features

* 48kHz A / D, D / A conversion, up to 96kHz sampling rate.

* 8 channels balanced mic / line input, using bare interface terminals.

* Input each channel: pre-amplifier, signal generator, extender, compressor, 10-band parametric equalization, automatic mixing statio.

* 8 channels balanced output, using bare interface terminals.

* Output each channel: Speaker Manager (5-band parametric equalization, delay, divider, high and low pass filter), limiter.

* Built-in high-speed DSP processing chip 64bit processing kernel.

* Built-in Mic. adaptive feedback eliminated function (AFC).

* Built-in digital matrix auto-mix function.

* Built-in automatic camera tracking function.

* Support channel copy, paste, control function.

* Support 8 group scene preset function.

* Support remote management.

* Support GPIO programmable control interface.

* RS-232 bi-directional serial control interface is used to control other external equipment, such as: video matrix devices RS-232 or receiving third-party RS-232 control.

* Operating software comes in English , intuitive, graphical software control interface, can work under WindowsNT4.0/2000/XP/Windows7 system environment.

Specifications

Model	TS-P880
Input Channel and Socket	8 channel switchable balance mic or line, using Phoenix plug interface
Output Channel and Socket	8 channel switchable balance line, using Phoenix plug interface
Input Impedance	2KΩ
Output Impedance	100Ω
Intput Quantization	48KHz/24bit
Output Quantization	48KHz/24bit
A / D Dynamic Range	114dB
D/ A dynamic Range	114dB
Phantom Power Supply	DC 48V
Frequency Response	20~20KHz $\pm$0.5db
Dynamic Range	103dB THD<1% @ 1kHz
THD	-85dbTHD<0.0056%@1KHz,+4dbu
Channel Isolation	119dB
Background Noise	-87dBA
SNR	91dB
Maximum Input Gain	54dB
Output Threshold Level	-76.7dB~16.2dB
Maximum Output Level	16dBu
Time Delay	0mS~2000mS distance 0m~680m
Working Power Supply	DC 48V
Working Temperature	0℃~40℃
Power Consumption	20W
Size(L×W×H)	483×258×44mm
Net Weightht	2.9Kg