D6675

Digital Audio Processor

Description

The D6675 digital audio processor is a high-quality digital audio processor equipped with 5 Mic inputs, 1 stereo line input, and 6 balanced outputs. This product has built-in DSP functions such as input and output gain regulator, noise gate, compressor, equalizer, frequency divider, delay device, feedback suppressor, echo effects, reverb effects and etc. The device is connected to a computer via a USB cable for control, and can also be controlled via a small screen on the panel. RS-232 is connected to the central control for remote control, making it suitable for use in various occasions.

Features

- 2-inch high-definition LCD display, multifunctional adjustable knob, mute and editing status;
- Support 48KHz sampling frequency, built-in 32-bit DSP processor, support 24-bit A/D and D/A conversion;
- Support 2 optional audio signal inputs, 6 audio signal outputs and 5 microphone inputs (of which 1/4 and 2/5 are optional), and can flexibly combine multiple frequency division modes, and the high-pass and low-pass frequency division points can reach 20 Hz-20KHz;
- Support USB flash drive MP3 playback, support Bluetooth playback;
- Support the control of music volume, microphone volume and effect volume through different knobs on the panel;
- Each output has delay and phase control and mute setting, and the maximum output delay is 100ms;
- The input channel supports control gain adjustment, noise gating, compression and equalization; The output channel supports control gain adjustment, voltage limitation, equalization, etc.
- The output channel supports controlling the effect proportion, microphone volume, music volume and effect volume of the channel;
- Support function settings through the function keys and knobs on the panel, and supports connecting to

a computer to control the device through the PC control web page;

- Supports locking some or all functions of the panel operation through the "LOCK" key on the panel to prevent non-staff operations from damaging the working status of the machine;
- Provide USB interface to connect with computer; Provide storage and switching of 16 scenes;

Specifications

Model	D6675
DSP Chip	
Signal Processing	32-bit floating-point DSP
Digital-Analog Conversion	24-bit
Sampling Rate	48KHz
Analog Audio Input and Output	
Input Channel	5-way Mic, 2-way Mic, 2-way AUX
Audio Interface	XLR, RCA, TS
Input Impedance	10kΩ
Maximum delay setting for each output channel	100ms
Output Channel	6 XLR outputs
Output Impedance	200Ω
Max. Output Level	+12dBV
Audio Performance	
Frequency Response	20Hz-20kHz(±1dB)/Line 20Hz-20kHz(±1dB)/Mic
THD+N	-90dBV(@0dB,1kHz,A-wt)/Line
SNR	100dB(@10dBV,1kHz,A-wt)/Line
Connection & Display	
RS232	(Can be controlled by serial command)
Display Screen	Display adjustable parameters, volume, etc.
Electrical Physical Parameters	
Power Supply Range	AC(95V~125V) 60 Hz **(power switch is at 110V)**
Power Supply Range	AC(190V~250V) 50 Hz **(power switch is at 220V)**
Dimension	44mm×483mm×218mm
Net Weight	6.8Kg
Working Temperature	-20℃～50℃