DN20　Digital Mixing Console

Description

This product is a high-quality digital mixing console, equipped with 8-channel MIC, 2-channel stereo, 1-channel USB flash disk playback, 1-channel USB sound card, 1-channel Bluetooth, and 1-channel optical for input; with Main L/R, BUS1/2/3/4, monitor, optical fiber and USB flash disk recording for output. This product has built-in input and output gain controller, feedback suppressor, equalizer, mixing, reverb, compressor, and other DSP functions. The device can be controlled by a computer via the RJ45 interface, and can also be controlled by a handheld terminal via the routing WIFI. The RS-232/RS-485 interface can be used to connect the central control system for remote control. It can be applied to various occasions.

Features

➢ Support free switching of MIC IN and LINE IN.
➢ With 48V phantom power for each channel. Can be controlled through the web.
➢ With input and output gain controller, feedback suppressor, equalizer, mixing, reverberation, compressor, and other DSP functions.
➢ With feedback suppression function switch for each MIC IN.
➢ With matrix mixing and reverberation control functions.
➢ With TCP/IP protocol, various parameters can be adjusted on the web page.

Specifications

DSP Chip	
Signal Processing	32-bit fixed/floating-point DSP 300MHz
Audio System Delay	< 0.7ms
Digital-to-Analog Conversion (DAC)	24-bit
Sampling Rate	48KHz
Analog Audio IN & OUT	
Input Impedance	5.4kΩ
Audio Interface	XLR balanced input & ouput, RCA unbalanced input & ouput
Phantom Power	+48VDC for each channel
Output Impedance	102Ω
Maximum Undistorted Output Voltage	>4.5V
Audio Performance	
Frequency Response	20Hz-20kHz(+ -0.5dB)
THD+N	≤0.07 %
Maximum Noise Output Voltage	<0.11 mV
Connection & Display	
TCP/IP Network Port	RJ-45
Indicator	Power, Link
Display Screen	IP address, support input and output volume control, switching of sound card and Bluetooth, etc.
Electrical and Physical Parameters	
Power Supply	AC100V---240V 50/60 Hz
Dimensions	481.5mm x 172mm x 177mm
Net Weight	5.7kg
Working Temperature	-20℃--80℃