DCORE 6464
Digital Audio Server

Product Introduction

This equipment supports up to 64 Dante channels (32 in, 32 out), a high-quality 21-stage preamplification circuit, DSP processing bus structure, and restores high-quality sound. It is primarily used in various large venues and can meet the needs of theaters, concert halls, remote video conferencing, sports stadiums, churches, conference centers, theme parks, and public address systems. The device features simple operation and powerful performance.

Product Features

- Highly integrated, combining various traditional analog audio processing equipment;

- Comprehensive matrix mixing functionality, with a 24bit/48kHz sampling frequency and a high-performance DSP processor;

- Precise input sensitivity adjustment with 21 steps of 3dB each, for a maximum input gain of 60dB;

- The first 16 inputs and outputs support algorithm processing such as AUTOMIXER, EQ, GATE, AGC, etc.;

- Extensive interface capabilities: supports 8 customizable input and output GPIO channels, level support for external inputs ranging from 3.3 to 24V; RS-485 support enabling automatic camera tracking for easy video conferencing; RS-232 two-way serial control interface allowing sending or receiving control signals for devices like video matrices and cameras;

- Multiple scene presets, scene saving, and other features with an intuitive software interface for user-friendly operation.

Specification

Dante channels	64 inputs,64 outputs
Sample Rate & Quantization Bits	48KHz@24bit
Number of 232 serial interface	1
Number of 485 Serial interface	1
Number of GPIO	8, freely configurable inputs and outputs
Number of RJ45	3
DANTE Network	Primary + Secondary
DANTE Network Delay	<1ms
Delay storage	2s
Power Consumption	<40W
Operating Power	AC110V-220V,50Hz/60Hz
Operating Temperature	0-40℃
Size (WxDxH)	482*258*45mm