



Specification:

| | |
|------------------------------|---|
| Signal processing | 32-bit fixed/floating-point DSP |
| Audio system delay | < 1.9ms |
| Digital to analog conversion | 24-bit |
| Sampling Rate | 96kHz |
| Frequency Range | 20Hz~20kHz |
| Total harmonic distortion | <0.014% THD+D |
| Signal to noise ratio | 108dB (A-weighted), 106dB (unweighted) |
| Dynamic Range | 110dB |
| Input interface | 2 x XLR / 2 x 1/4" TRS (female) balanced inputs |
| Input Impedance | Balanced 50Ω, Unbalanced 10KΩ |
| Output interface | 2-way XLR / 2-way 1/4 "TRS (female) balanced output |
| Output impedance | 600Ω |
| Maximum input level | 2V RMS |
| Maximum output level | 1.6V RMS |
| Functions | Noise Gate, Frequency Shift, Notch, EQ, Compression Limiter |
| Feedback suppression | Method Frequency shift + automatic wave limit, optional |
| Communication interface | RS-485 interface, USB Type-B |
| Display | LCD2002 |
| Indicator light | Power, input and output audio signal, pass-through |
| Power Requirements | AC 220V-50Hz |
| Working temperature | -20°C ~+60°C |
| Dimensions | 482x44.5x265mm |
| Package size | 550x80x395mm |
| Net weight | 3.2 kg |
| Gross weight | 4.2 kg |

Features:

- High-performance professional audio processor with DSP technology
- Using 32-bit floating-point DSP, 24-bit AD/DA, 96K sampling frequency
- The device provides RS-485/USB connection management function
- 2-way balanced input, 2-way balanced output
- Frequency shift $\pm 10\text{Hz}$ adjustable
- Built-in 48 notch filters, 12 static notch filters + 12 dynamic notch filters per channel
- Fully automatic feedback suppressor function, 5-level preset
- Input and output provide compressor, noise gate function
- Each channel provides 7-segment PEQ and high-pass settings
- One key BYPASS, panel key lock function

Functional Structure

Front Panel

Display Indicator light Function button



Rear Panel

2 way output sockets 2 way input sockets RS-485 Power USB Power switch

