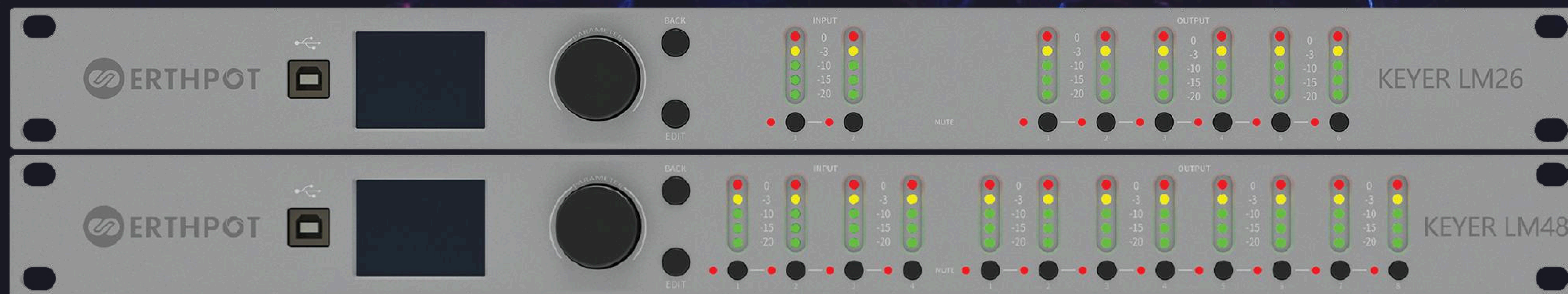
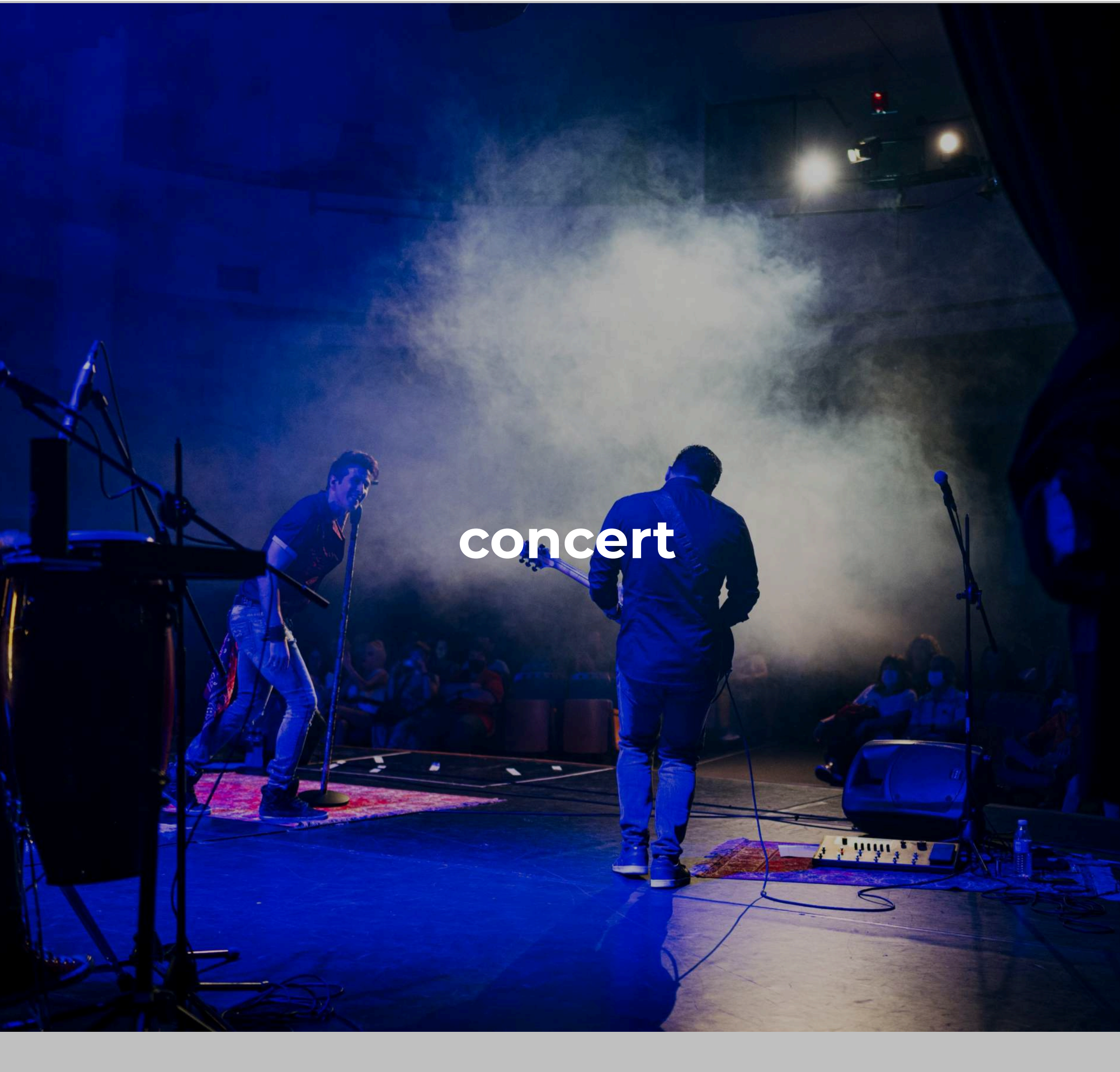


KEYER LOUDSPEAKER MANAGEMENT SYSTEM

The Erthpot Keyer LM Series is a professional digital speaker management lineup, including the LM48 and LM26, built for precise audio control in live sound and installation environments. Featuring an intuitive GUI, interactive LCD display, and rotary encoder, it ensures fast, efficient system adjustments. Both models use a high-performance 512-tap FIR filter for stable, linear-phase processing and crystal-clear sound. With features like input/output duplication, channel binding, and multi-scene memory, the Keyer Series offers flexibility and reliability. Perfect for theatres, nightclubs, concert halls, and more, these units integrate seamlessly with Erthpot systems to meet modern audio control demands.





concert



live event



Restaurants, Clubs & Bars

FEATURES

Flexible Analog I/O

Supports multiple analog signal inputs and outputs, enabling versatile multi-speaker system configurations.

High-Performance DSP Processing

Built-in 24-bit/48kHz DSP chip with premium A/D and D/A converters ensures high-fidelity signal handling.

Intuitive User Interface

Interactive LCD display with a quick-access, embedded GUI interface for efficient system navigation and control.

Advanced FIR Filtering

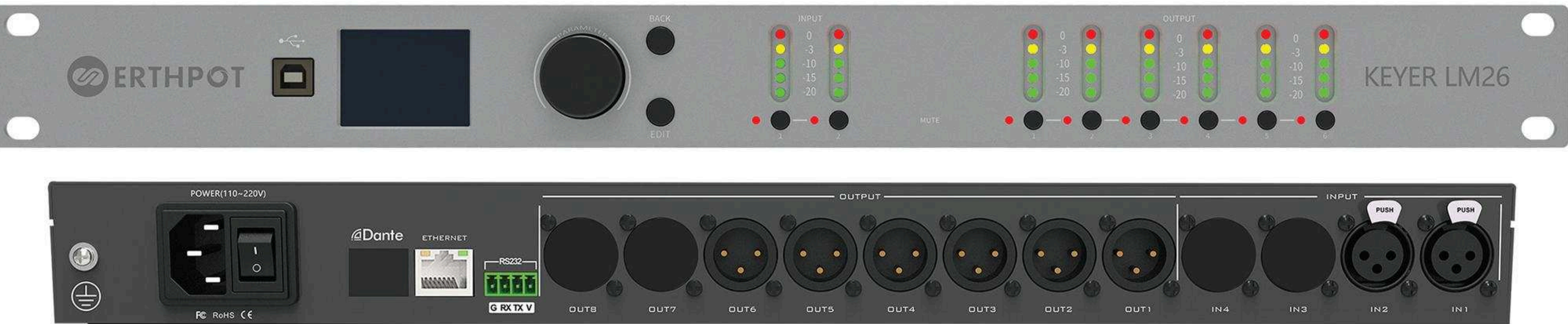
512-tap custom FIR filter with stable, linear-phase performance for precise audio tuning.

Third-Party FIR Compatibility

Supports import of external FIR parameters via a graphical interface for customized sound optimization.

Real-Time Control

Graphical interface enables accurate filter adjustments and real-time system monitoring.



OVERVIEW

The Erthpot Keyer LM26 is a versatile digital speaker management system designed for professional audio environments. Featuring an interactive LCD display and an intuitive GUI interface, it allows for fast, precise control of speaker parameters. Equipped with a high-performance 512-tap custom FIR filter, the LM26 ensures stable, linear phase audio processing. It offers flexible input/output channel duplication, channel binding, and supports multiple scene save and recall options for quick setup adjustments. Its user-friendly front panel includes a rotary encoder for effortless navigation and control. Ideal for live sound applications, theatres, nightclubs nightclubs, concert halls, and other professional venues, the Keyer LM26 integrates seamlessly with other Erthpot audio systems to adapt to a wide range of demanding audio scenarios.

FEATURES

- . Supports multiple analog signal inputs and outputs for flexible multi-speaker management.
- . Built-in high-performance DSP chip with 24-bit/48kHz processing and premium A/D, D/A converters.
- . Interactive LCD display with an intuitive, quick-access embedded GUI interface.
- . Stable, linear-phase 512-tap custom FIR filter with third-party FIR parameter import support.
- . Graphical interface display for precise filter control and real-time adjustments.

FUNCTIONS

- . Input channels feature Mute, Gain, Delay (0–180ms), 31-band Graphic EQ, Expander, Compressor, and Mixer.
- . Output channels include Delay (0–60ms), Crossover with multiple filter types and slopes, 15-band Parametric EQ, Gain, Mute, Limiter, and Phase control.
- . Professional Windows control software via USB or RJ45 for device management and settings.
- . Software supports multi-device management with flexible routing and control.
- . Supports input/output channel copy and binding functions.
- . Allows multi-scene saving, recall, import, and export functions.
- . User-friendly rotary encoder panel switch for intuitive menu navigation.
- . Equipped with bidirectional RS232 and standard Ethernet control interfaces with open protocol support

TECHNICAL SPECIFICATIONS

INPUT INTERFACES	2 Analog
OUTPUT INTERFACES	6 Analog
DISPLAY	Embedded GUI interface, quick adjustment of parameters
CONTROL INTERFACES	1 RJ45 interface, 1 RS232 interface, 1 USB Type B
INPUT CHANNEL	Functional module: Mute, Gain, Delay (0-180ms), 31-band Graphic Equalizer, Expander, Compressor. Physical interface: Balanced Physical interface: Balanced XLR female connectors
OUTPUT CHANNEL	Functional module: Delay (0-60ms), Crossover, 15-band Parametric Equalizer (filter type selectable Low Shelf, High Shelf), Gain, Mute, Limiter, Phase. Physical interface: Balanced XLR male connectors
INPUT IMPEDANCE	Balanced: 20KΩ
OUTPUT IMPEDANCE	Balanced: 100Ω
FREQUENCY RESPONSE	20Hz~20KHz, ±0.2dB
NOISE FLOOR	-90dBu
THD+N	≤0.002% @1kHz, +4dBu
CHANNEL ISOLATION	105dB@1kHz, 4dBu
INPUT RANGE	≤+20dBu (A-Weighting)
CROSSOVER	Three types of high and low pass filters: Butterworth, Bessel and Link Witz-Riley
EQUALIZER	Parametric Equalizer: Frequency: 20 to 20kHz, Gain: -15 to +15dB, Bandwidth: 0.05 to 4. Graphic Equalizer: Frequency: 20~20kHz, Gain: -15~+15dB
MAXIMUM OUTPUT LEVE	20dBu
MAXIMUM INPUT LEVE	20dBu.
WORKING VOLTAGE	AC 110V~220V, 50Hz/60Hz
MAXIMUM POWER	20W
WORKING TEMPERATURE AND HUMIDITY	-10℃~50℃, 10%~90%RH, No condensation
CHASSIS	1U
PRODUCT DIMENSION (L×W×H)	486mm×208mm×44mm
NET WEIGHT	2.5kg
PACKAGE DIMENSION (L×W×H)	590mm×430mm×110mm
PACKAGE WEIGHT	3kg

OVERVIEW



The Erthpot Keyer LM48 is a professional-grade digital speaker management system, designed to deliver precise control and advanced audio processing for multi-speaker environments. Featuring an interactive LCD display and an intuitive embedded GUI, it enables quick, efficient parameter adjustments and system management. Equipped with a stable, linear-phase 512-tap custom FIR filter, the LM48 ensures accurate, high-quality audio performance. It supports input/output channel duplication, channel binding, and multi-scene saving and recall, offering flexible system configuration and seamless setup changes. With a convenient With a convenient rotary encoder for menu navigation, the LM48 is user-friendly and integrates effortlessly with other Erthpot audio solutions. Ideal for live sound reinforcement, theatres, nightclubs, concert halls, and similar professional venues, the Keyer LM48 is built to meet the demands of modern audio control applications.

FEATURES

- . Supports multiple analog signal inputs and outputs for flexible multi-speaker management.
- . Built-in high-performance DSP chip with 24-bit/48kHz processing and premium A/D, D/A converters.
- . Interactive LCD display with a quick-access, embedded GUI interface for efficient control.
- . 512-tap custom FIR filter with stable 512-tap custom FIR filter with stable, linear-phase performance and third-party FIR parameter import support via graphical interface.

FUNCTIONS

- . Input channels feature Mute, Gain, Delay (0–180ms), 31-band Graphic EQ, Expander, Compressor, and Mixer.
- . Output channels include Delay (0–60ms), Crossover with Butterworth, Bessel, Link Witz-Riley, and FIR filters with selectable slopes, 15-band Parametric EQ, Gain, Mute, Limiter, and Phase control.
- . Professional Windows control software via USB or RJ45 for comprehensive device management.
- . Software supports adding, routing, and managing multiple online devices.
- . Supports input/output channel copy and binding functions.
- . Multi-scene saving, recall, import, and export functions for fl functions for flexible system configuration.
- . User-friendly front panel with rotary encoder and switch menu selection.
- . Equipped with bidirectional RS232 and standard Ethernet control interfaces with open protocol support.

TECHNICAL SPECIFICATIONS

INPUT INTERFACES	4 Analog
OUTPUT INTERFACES	8 Analog
DISPLAY	Embedded GUI interface, quick adjustment of parameters
CONTROL INTERFACES	1 RJ45 interface, 1 RS232 interface, 1 USB Type b
INPUT CHANNEL	Functional module: Mute, Gain, Delay (0-180ms), 31-band Graphic Equalizer, Expander, Compressor. Physical interface: Balanced XLR female connectors XLR female connectors.
OUTPUT CHANNEL	Functional module: Delay (0-60ms), Crossover, 15-band Parametric Equalizer (filter type selectable Low Shelf, High Shelf), Gain, Mute, Limiter, Phase. Physical interface: Balanced XLR male connectors
INPUT IMPEDANCE	Balanced: 20KΩ
OUTPUT IMPEDANCE	Balanced: 100Ω
FREQUENCY RESPONSE	20Hz~20KHz, ±0.2dB
NOISE FLOOR	-90dBu
THD+N	≤0.002% @1kHz, +4dBu
CHANNEL ISOLATION	105dB@1kHz, 4dBu
INPUT RANGE	≤+20dBu (A-Weighting)
CROSSOVER	Three types of high and low pass filters: Butterworth, Bessel and Link Witz-Riley
EQUALIZER	Parametric Equalizer: Frequency: 20 to 20kHz, Gain: -15 to +15dB, Bandwidth: 0.05 to 4. Graphic Equalizer: Frequency: 20~20kHz, Gain: -15~+15dB.
MAXIMUM OUTPUT LEVE	20dBu
MAXIMUM INPUT LEVE	20dBu.
WORKING VOLTAGE	AC 110V~220V, 50Hz/60Hz
MAXIMUM POWER	20W
WORKING TEMPERATURE AND HUMIDITY	-10℃~50℃, 10%~90%RH, No condensation
CHASSIS	1U
PRODUCT DIMENSION (L×W×H)	486mm×208mm×44mm
NET WEIGHT	2.7kg
PACKAGE DIMENSION (L×W×H)	590mm×430mm×110mm
PACKAGE WEIGHT	3.2kg



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