DFX2448

24 BIT MULTIEFFECT PROCESSOR 1U RACK

The DFX-2448 is a digital effects processor packaged within a 19 inch rackmount 1U housing. The user interface has been carefully designed to be user friendly and consists of a central rotary encoder for navigation purposes, a potentiometer for parameter settings, with three further potentiometers to control INPUT, OUTPUT and MIX levels. The DFX-2448 has a 2 x 20 LCD alphanumeric display for easy access and set up, as well as LED indication on CLIP, MUTE and aTAP time LED. The unit can be connected via MIDI as well as USB for external control and two way movements of data. There are also rear jack connections for foot pedal control of effects BYPASS and the setting of TAP DELAY externally. TAP DELAY can also be varied by a front panel switch.The 16 preset can be modified directly via the Unit Panel or via the supplied PC Software Manager.

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PRODUCT DETAILS

KEY FEATURES

24 bit Processor with 24 bit DELTA-SIGMA converters
Built-in Effects : REVERB, DELAY, CHORUS,ROTARY, PITCH SHIFTER and combined FX (CHR/FLG+REVERB, DELAY+REVERB, CHR/FLG+DELAY)
Advanced MIX system: (INPUT-OUTPUT-MIX)
Wide LCD screen for an optimal check of the status of the unit
Ultra-rugged construction allowing to use the unit in Live performances
Software manager for remote unit controlling included

SPECIFICATIONS

24 Bit ProcessIngressi	
Converters	24-Bit Delta-Sigma, 128-times oversampling
Sampling Rate	48 KHz
Inputs	Balanced XLR & JACk TRS
Input Max Level	+15 dBu
Input impedance	approx. 30 KOhm
Outputs	Balanced XLR & JACk TRS
Output Max Level	+21 dBu
Output Impedance	approx. 150 Ohm
Foot Switch Input	TS Jack
MIDI connection	2 x DIN 5 pin
USB connection	USB Connector type "A"
Frequency Response	10 Hz to 22 kHz, -3 dB
Dynamic range	103 dB, 10 Hz to 22 kHz A-Weighted
THD	0,01 % typ. @ 0 dBFS
Crosstalk	-75 dB @ 1 kHz
Signal-to-noise Ratio	10 Hz to 22 kHz >100 dB @ 0 dBu, A-weighted
Power consumption	approx. 15 W