

i7300

Digital Multi Reverb



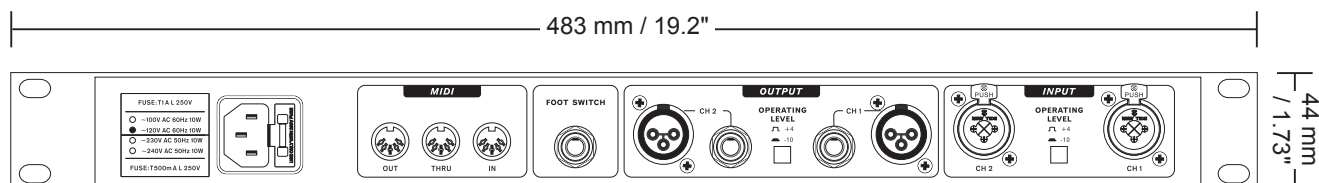
Features

- ▶ True stereo performance and variable stereo image parameters
- ▶ 100 factory programs and 100 user programs
- ▶ 24-bit A/D and D/A converters with 256/512 times over sampling for high headroom and resolution
- ▶ Internal 32-bit/44.1 kHz processor
- ▶ MIDI capability allowing real-time program selection and dump
- ▶ Dual 10-segment LED level meters
- ▶ Balanced XLR and 1/4" TRS inputs and outputs
- ▶ Operating levels of +4 dBu and -10 dBV independently selectable for input and output
- ▶ Foot switch jack
- ▶ Dedicated rotary controls and illuminated buttons
- ▶ Large LCD display

Description

Phonic's i7300 is a digital reverb designed for studio recording and live sound reinforcement. This new generation stereo reverb processor generates superb sounds with a wide frequency response utilizing 24-bit/48 kHz A/D and D/A converters. The i7300 comes with 100 factory programs in four categories: Hall, Plate, Room, and Special. Another 25 programs can be defined and stored by the user. Programming parameters is a breeze with three control knobs, six illuminated buttons and intuitive software. Each of the input and output circuits has an independent operating-level switch, which gives the user the flexibility of mixing professional (+4 dBu) and consumer (-10 dBV) products together. The MIDI interface further extends the capabilities of the i7300 with remote data storage and real-time parameter controls. A foot switch jack is provided for hands-free operation.

Dimension



Specifications

Input	
Connectors	balanced Combo (XLR and 1/4" TRS)
Nominal Level	+4 dB or -10 dB (selected by rear panel switch)
Impedance	50 K Ohms
Nominal Level	+16 dBu
Output	
connectors	Balanced XLR and 1/4" TRS
Nominal Level	+4 dB o -10 dB (selected by rear panel switch)
Impedance	500 Ohms
Max. Output Level	+16 dBu
System	
Frequency Response	20 Hz to 20 KHz +/-0.5 dB
Dynamic Range	96 dB typical
THD	0.003 % typ. @ +4 dBu, 1KHz
Noise	< -80 dB
Crosstalk	< -80 dB
Digital Processing	
Converters	24 Bits AD/DA and 32/40 bits Sigma-Delta DSP, 256/512-times Oversampling
Sampling Frequency	44.1 KHz
Program Memory	
Memory Areas	Program (read-only), User (read/write)
Memory configuration	Four program types (HALL, ROOM, PLATE, SPECIAL), each with 25 preset programs per type and 25 user set programs per type.
Front Panel	
Switches	Preset/User, Type, Bypass/compare, Store, Setut, Edit
Rotary Controls	Input Level, Adjust, Mix Level / EFX Level
Display	Digital-LCD Display, Stereo-LED, User-LED, MIDI IN-LED
Rear Panel	
Connectors	Input L/R (COMBO), Output L/R (XLR) (1/4" Phone Jack), Foot Switch (1/4" phone jack), MIDI interface 5-Pin-DIN-Socket IN/OUT/THRU
Power Requirements	
USA / Canada	~120 VAC, 60 Hz
U.K. / Australia	~240 VAC, 50 Hz
Europe	~230 VAC, 50 Hz
Fuse	100-120 VAC: 1 A, 200-240 VAC: 500mA
Power consumption	20 Watts
Mains Connection	Standard IEC receptacle
Physical	
Dimensions (W x H x D)	483 x 44 x 207.6 mm (19.02" x 1.73" x 8.17")
Weight	2.17 kg (4.8 lbs)