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PCM81 (discontinued)

2-in/2-out Studio/Live Sound Multi-Effects Processor

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PCM81

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(discontinued)



2-in/2-out Studio/Live Sound Mu

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Effects Processor

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THE PCM 81 STUNNING EFFECTS

The PCM 81 takes where the PCM 80 left off, and adds AES/EBU Digital I/O, includes algorithms and presets from the Pitch FX and Vocal Fix Cards, and adds 24-bit converters for even higher quality audio.

OVERVIEW

DETAILS

MANUALS/DOCUMENTATION

REVIEWS

The PCM 81 maintains Lexicon's highest standards for sonic clarity, and its extraordinary processing power yields the finest effects available in its price class, plus outstanding reverberation.

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Details

Analog Audio Input XLR and 1/4" balanced (T/R/S)

Input Level -2dBu to +20dBu, balanced;
-22dBu to 0dBu, unbalanced

Input Impedance 100k Ω , balanced;50k Ω , unbalanced

Analog Audio Output XLR and 1/4" T/R/S balanced

Output Level +18dBm, balanced;+4dBm, unbalanced

Output Impedance 125 Ω , balanced

Digital Audio Input XLR, AES/EBU;
Coaxial RCA, S/PDIF

Format AES/EBU, balanced;
S/PDIF, unbalanced

Sample Rate 44.1kHz and 48kHz

Digital Audio Output XLR, AES/EBU;
Coaxial RCA, S/PDIF

Format AES/EBU, balanced;
S/PDIF, unbalanced

Sample Rate 44.1kHz and 48kHz

Conversion 24-bit A/D;24-bit D/A

Internal Audio DSP 24-bit (PCM 81);20-bit (PCM 91)

Frequency Response 10Hz - 20kHz \pm 5dB

Crosstalk -55dB 10Hz to 20kHz

THD \leq 0.006%, 10Hz - 20kHz

Dynamic Range D/A: \geq 98dB typical, 10Hz - 20kHz
A/D: \geq 105dB

typical, 10Hz- 20kHz
A/A: \geq 96dB typical, 10Hz - 20kHz

MIDI Interface 5-pin DIN connectors for MIDI IN, THRU and OUT

Footswitch 1/4" T/R/S connector for two independent momentary footswitches (system detects normal-open, or normal-closed on power up)

Foot Controller 1/4" T/R/S connector for foot pedal(100 Ω ;-10k Ω ;impedance)

Memory Card

Connector PCMCIA type I cards, 68 pins

Standards PCMCIA 2.0 and JEIDA 4.0

Card Format Up to 1MB of SRAM (attribute memory not required)

Power Requirements 100 - 240 volts AC;50 - 60Hz;35 watts
Automatic switching (3-pin IEC connector)

Remote Power In 2.5 mm 9 volts AC (not included)

Dimensions 19" W x 1.75" H (1U) x 12" D
(483 x 45 x 305 mm), rack mount standard

Weight 6.4 lbs.(2.9 kg)

Operating Temperature 32 $^{\circ}$ to 104 $^{\circ}$ F (0 $^{\circ}$ to 40 $^{\circ}$ C)

Maximum Humidity 95% without condensation


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Manuals/Documentation

 [Cut Sheet-English](#)

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[333 KB]

 [PCM81_QRG.pdf](#)

(http://rdn.harmanpro.com/product_documents/documents/1169_1340215913/PCM81_QRG_original.pdf)

[55 KB]

 [Owner's Manual-English](#)

(http://rdn.harmanpro.com/product_documents/documents/1170_1340215931/PCM81_User_Guide_Rev2_original.pdf)

[1.28 MB]

 [Preset List-English](#)

(http://rdn.harmanpro.com/product_documents/documents/1168_1340215878/PCM81_Preset_Menu_original.pdf)

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Reviews



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Support/FAQs

[Register Your PCM81 \(/en/support/warranty_registration/pcm81\)](/en/support/warranty_registration/pcm81)

[Contact Technical Support \(/en/support\)](/en/support)



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