



# DJM-800

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# DJM-800

## FEATURES

### 96kHz/24bit Sampling

In order to maximize its characteristics, the DJM-800 inherits the high fidelity technology of its big brother, the DJM-1000. The analog signal from the player passes through the shortest signal route, first digitized at 96kHz/24bit through a pro A/D converter where it reaches the digital mixing stage with the best sound possible. The mixing is carried out by 32bit DSP without deterioration of sound quality, thus producing the best sound.

Like the DJM-1000, the DJM-800 also has the same high rigid chassis for minimizing unnecessary vibration which could adversely affect sound quality. It also incorporates a dual-shield structure for eliminating entry of digital noise and finally a high performance power supply for noise-free power.

### Sound Color Effects

**Harmonic Mixing Capability:** The world's first "Auto Harmonic Tuning" function detects the key of song and automatically corrects it to the closest true key. In music theory terms, if you have a song in the key of C and raised the pitch on your turntable/CD player by 3%, you're no longer in the key of C, you're half way between C and D, making it impossible to perform a perfect harmonic mix. The way the Harmonic Tuning feature works is it takes whatever key the source audio is in and adjusts the pitch until the key is at a standard note.

Of course a DJ still has to know some basics about music, such as which keys match, in order to pull off an acoustically perfect harmonic mix. World class DJs currently spend thousands of hours learning the keys of their music and re-mastering their library to be in "perfect pitch". Now the DJM-800 makes it easier to perform a "Harmonic Mix".

**"Filter" "Sweep" "Crush" effects:** The DJM-800 incorporates a highpass/low-pass filter, notch filter and bit crusher effect for ALL channels. In conjunction with the additional Beat Effects, 50 combinations of effects are possible.

### Beat Effect

Higher quality effects at 24bits make for a cleaner sounding remix. The effects automatically detect the BPM of the music and sync to the beats. DJM-800 includes some familiar effects, plus some new ones: Echo, Delay, Reverse Delay, Pan, Transform, Filter, Flanger, Phaser, Reverb, Robot, Chorus, Roll and Reverse Roll.

### Digital Input/Output Terminals

Digital inputs and outputs allow for connection with other digital-capable equipment for a fully digital chain, without degradation of sound quality. The DJM-800 is a perfect mixer not only for the club professional but also in a recording studio environment where high fidelity sound is required. Input frequencies of 44.1/48/96kHz are compatible; output frequency is selectable between 48/96kHz.

### Fully Assignable MIDI Function

You can send out MIDI signal from almost all knobs and switches on the surface of the DJM-800 to external midi equipment (a total of 61 assignable controls). Since the mixer can send out many MIDI signals, it can be used as a flexible interface to control software or hardware such as Ableton Live or an Edirol V4 video mixer.

### Rotary Volume Knobs Available (Optional)

The main volume fader knobs can be replaced with rotary volume knobs, which are especially valuable for extended mixing providing more subtlety and precision. Part Number: DJC-800RV

### Other Performance Features:

- **Cross Fader Assign:** allows you to assign each channel's input to the cross fader
- **Fader Curve Adjust:** allows you to change the cross fader/channel fader curve
- **Fader Start:** connect a Pioneer CDJ player with a control cable and playback can be started by simply sliding the cross fader or channel fader
- **3-Band Equalizer:** a built-in equalizer on each channel enables level control within a -26dB to +6dB range for high, mid, low bands, respectively
- **Talk Over:** automatically lowers track volume so an MC can talk over the track
- **Mic Signal Cut:** eliminates the microphone sound output to the booth monitor to prevent feedback.
- **Peak Level Meter:** Allows you to check the peak level of the input audio for each channel as well as the master

For more information and streaming demo videos, visit

[www.pioneerdj.com/gear\\_DJM800](http://www.pioneerdj.com/gear_DJM800)

## SPECIFICATIONS

Input Terminal .....	CD/LINE x 5 (RCA) PHONO x 3 (RCA) DIGITAL IN x 4 (COAXIAL S/PDIF) MIC x 2 (XLR/1/4" combo x 1, 1/4" x 1)	Frequency Response .....	20Hz - 20kHz
Output Terminal .....	MASTER OUT x 2 (RCA x 1, XLR x 1) BOOTH OUT x1 (1/4" PHONE) HEADPHONE MONITOR OUT x1 (TOP PANEL 1/4") REC OUT x1 (RCA) DIGITAL OUT x1 (COAXIAL S/PDIF)	Total Harmonic Distortion .....	0.005% or less
Other Terminal .....	SEND x 1 (1/4") MIDI OUT x 1 (5pin DIN) CONTROL x 4 (3.5mm MINI JACK)	Signal-to-Noise Ratio .....	105dB (LINE)
		Head Room .....	19dB
		Power Requirements .....	AC 120V, 60Hz
		Power Consumption .....	32W
		Dimensions (without package) .....	12.6" (W) x 15" (D) x 4.25" (H)
		Weight (without package) .....	17.6lbs

Features and specifications subject to change without notification.

**Pioneer**

PIONEER CORPORATION  
1-4-1 Meguro, MEGURO-KU, TOKYO 153-8654, JAPAN  
TEL: 81-3-3495-5246 • FAX: 81-3-3495-9827

PIONEER ELECTRONICS (USA), INC.  
2265 East 220th Street, Long Beach, CA 90810, U.S.A.  
TEL: 800-421-1404 • FAX: 310-952-2990

PIONEER ELECTRONICS ASIACENTRE, PTE. LTD. (PAC Head Office)  
253 Alexandra Road, #04-01, SINGAPORE 159936  
TEL: 65-6427-1111

PIONEER EUROPE NV - MULTIMEDIA DIV. (PEE-London)  
Pioneer House, Hollybush Hill, Stoke Poges Slough, SL2 4QP, UNITED KINGDOM  
TEL: 44-1753-789-789

PIONEER CHINA HOLDINGS CO., LTD. (PCH)  
18F New Hua Lian Mansion (West), 775 Huai Hai Zhong Road (M), Shanghai 200020, CHINA  
TEL: 86-21-6431-4466

PIONEER HIGH FIDELITY TAIWAN CO., LTD. (PTC)  
13th FL, No.44, Jhongshan N Road, Taipei City, 10448 TAIWAN  
TEL: 886-2-2521-3588

PIONEER ELECTRONICS AUSTRALIA PTY. LTD. (PTY)  
178-184 Boundary Road, Braeside, Victoria 3195, AUSTRALIA  
TEL: 507-300-3900

PIONEER INTERNATIONAL LATIN AMERICA S.A. (PILASA)  
Plaza Credicorp Bank, 14th Floor, Calle 50 No.120, Panama City 0816-01361, R.O., PANAMA  
Tel: 507-300-3900