



DJM-850-K

DJM-850-S



Main Features

- Variety of advanced effects including Sound Color FX, new Beat Color FX, and Beat Effects
- Quickly change between the new Beat Color FX and Sound Color FX to suit each tune for further remixing and sound capabilities
- Top panel USB connector for DJ software
- Supreme sound quality: Built-in 24bit/96kHz high performance USB soundcard
- High Performance Channel Faders





FEATURES



1 Variety of Effects

The DJM-850 follows Pioneer's traditional mixer layout, featuring a variety of advanced sound effects that provide DJs with virtually limitless possibilities when mixing their music. Pioneer includes a new BEAT COLOR FX function, which changes effects by linking the audio input from each channel.

- **Sound Color FX** - The Sound Color FX offers four types of effects (Filter, Crush, Noise and Gate) that can be linked to the input sound of each channel.
- **New Beat Color FX** - Users can quickly change between the new Beat Color FX and Sound Color FX to suit each tune for further remixing and sound capabilities. By activating the Beat Color FX, users are able to manipulate the Sound Color FX and Beat Effect simultaneously, resulting in more creative effects that complement the beat of the music.
- **Beat Effect** - The Beat Effect function presents 13 different types of effects (Delay, Echo, Up Echo, Spiral, Reverb, Trans, Filter, Flanger, Phaser, Robot, Slip Roll, Roll, and Reverse Roll) that can be combined to produce up to 100 other original effects.

2 Supreme Sound Quality

- **Built-in 24bit/96kHz High Performance USB Soundcard** - An integrated high performance USB sound card enables up to four inputs/outputs¹ simultaneously with no deterioration in sound quality. The sound card supports three different sampling rates (96kHz/48kHz/44.1kHz) and the ASIO/Core Audio standards that can also be used for music recording and production. The USB port on top of the mixer provides quick connections to use DJ software via laptop. The signal output path from the mixer can be easily modified using its setup utility tool³ via a computer.
- **Sound quality** - The use of high quality components such as a 32-bit digital-to-analog output converter and a 32-bit digital signal processor, separate analog and digital circuitry, and extremely short audio transmission paths results in clear and powerful audio output.

3 TRAKTOR SCRATCH 2 Certified⁴

The DJM-850 offers compatibility to the Scratch Control (DVS) with Native Instrument's TRAKTOR SCRATCH PRO 2/DUO 2 software. Using the timecode disc bundled with the software and a PC, the DJM-850 is ready for scratch control (DVS) with a CDJ player or Vinyl turntable.

4 Additional Features

- **MIDI Signal** - Operation information of the mixer's knobs and buttons can be transmitted as a MIDI signal⁵ for a "Full Ensemble MIDI" function to control other connected devices.
- **Switching 3-Band EQ/Isolator** - Each channel of the mixer is equipped with a switchable 3-band EQ (+6dB to -26dB) and 3-band isolator (+6dB to -∞dB)
- **High Performance Channel Faders** - The slide mechanism supports the fader knobs with two metal shafts for both durability and smooth operation. Furthermore, the new mechanism's design minimizes the negative effects of moisture and dust particles on the mixer's performance.
- **P-LOCK Fader Cap** - Keeps the fader channel and crossfader knobs (caps) locked, preventing them from physically slipping off during heavy use.
- **Scratch Control** - Scratch control⁶ is possible by using the time code disc⁷ bundled with DJ software supporting DVS (Digital Vinyl System)⁶ from CDJ players and vinyl turntables.
- **Auto Standby** - Automatically senses active operation and the presence of input signals, switching to standby mode when inputs are not detected for a long period..

¹ Windows/MacOS supported. For Windows, distribution to three or more systems is possible only when using software that supports ASIO.
² USB sound card functions can be used by installing the driver software and setup utility software from the included CD-ROM.
³ TRAKTOR SCRATCH can be used without connecting a soundcard.
⁴ Standard for linked performance with electronic music instruments.
⁵ System for playback of music files on PC in combination with playback position/speed of the time code disc.
⁶ CD/vinyl record with time code for control of DVS software.
⁷ Serato's SCRATCH LIVE™ and Serato DJ Intro are not supported.

For more information, authorized dealers, and streaming demo videos, visit www.PioneerDJusa.com



SPECIFICATIONS

Number of channels	4 audio channels, 2 mic channels
Input ports	CD/LINE x 4 (RCA), LINE x 2 (RCA), PHONO x 2 (RCA), MIC x 2 (XLR & 1/4 inch PHONE combined use x 1, 1/4 inch PHONE x 1)
Output ports	MASTER OUT x 2 (RCA x 1, XLR x 1), BOOTH OUT x 1 (1/4 inch PHONE), HEADPHONE MONITOR OUT x 1 (top side 1/4 inch PHONE), REC OUT x 1 (RCA), DIGITAL OUT x 1 (COAXIAL)
Other ports	SEND x 1 (1/4 inch PHONE), RETURN x 1 (1/4 inch PHONE), MIDI OUT x 1 (5P DIN), USB x 1 (top side B port), CONTROL x 4 (Φ3.5 mm MINI JACK)
Sampling rate	96kHz/48kHz/44.1kHz
D/A converter	32 bit

A/D converter	24 bit
Frequency response	20 Hz - 20 kHz
Total Harmonic Distortion ratio	0.004% or less
S/N ratio	Min. 106 dB (LINE)
Head room	19 dB
Power use	120 V AC (60Hz)
Electricity Consumption	30 W
Maximum Dimensions (W x D x H in inches)	12.6"(W) × 15.0"(D) × 4.25"(H)
Unit weight	17.0 lbs

