



## DJ-2000 Professional DJ Mixer

### Mix it up!

*The Roland DJ-2000 Professional DJ Mixer gives club DJ's more of what they're looking for: four-channel mixing with 3-band EQ per channel; intelligent layout with convenient, DJ friendly features like an automatic BPM counter and MIDI output ; and built-in Isolator and proprietary Roland Digital Signal Processing effects. These capabilities make the DJ-2000 the perfect DJ mixer not only for traditional club DJ's who wish to incorporate MIDI instruments and sophisticated effects processing into their live sets.*

- Four-channel DJ-style mixer with professional specs and great sound quality
- Three-band independent EQ per channel with two-band EQ for main Mic
- Onboard three-band Isolator for instant, radical EQ shifts "on the fly"
- Ten Onboard Digital Signal Processing effects including Delay, Flanger, Overdrive + Delay, Overdrive + Flanger, Auto Pan, Filter, Robot, Voice Transformer, "Slicer" and "Jao"
- Automatic BPM calculation and MIDI Clock output for syncing records and audio CD's with MIDI gear
- Assignable Cross Fader (optional replacement available through Roland)
- Dedicated Monitor section with assignable Cue/Sampler output
- Selectable Phono/Line inputs; dual Mic inputs; selectable Level Meter



### Professional Mixing Features

The DJ-2000 meets the professional turntable and CD-based club DJ's needs by offering strong mixer features, great sound quality and ultra sturdy construction. Its straightforward four-channel operation features independent, three-band EQ Fade, making complex audio mixing easy and fast. Other distinguishing mixing features include a dedicated Monitoring and sampling selected sources using the BOSS SP-202 DR. Sample and a selectable Level Meter.

### Flexible Audio Connections

Central to today's modern DJ setups is flexibility – the ability to combine turntables, CD players, other line-level signals, microphone inputs, effects processors and even MIDI rhythm machines and sequencers like the popular MC-303 Groovebox. For this reason, connections to the DJ-2000 can be made via five pairs of stereo RCA-type Line inputs, three pairs of RCA-type Phono inputs, two dedicated Mic inputs (one XLR and two 1/4" type), stereo 1/4" Effects Loop jacks, RCA-type Sampler outputs and 1/4" and RCA-type Sampler outputs and 1/4" and RCA-type Master outputs.

### Powerful EQ Isolator

Many DJ's and modern dance music artists have discovered the power of employing radical EQ settings for sections of songs "maxing" the mids and cutting highs and lows, for example, is often used to produce bull-horn-like drum breaks and vocals. Bringing this capability to club DJ's, the DJ-2000 includes an onboard three-band "Isolator" which can be used to radically boost or cut low, mid or high frequencies between -∞ db to +12 db. Making Isolator control easy, the DJ-2000 incorporates an innovative Grab switch which allows DJ's to instantly trigger and untrigger Isolator EQ settings on the fly for drastic sonic manipulation.

### Onboard DSP Effects

Taking a DJ's possibilities even further, the DJ-2000 also offers a built-in DSP Effects section which includes acclaimed Roland multi-effects algorithms like Delay, Flanger, Auto Pan, Filter, Overdrive + Delay, Overdrive + Flanger, Robot, Voice Transformer, "Slicer" and "Jao". The Delay, Flanger, Filter, Auto Pan and Overdrive effects work in much the same manner as other high-quality Roland effects processors, while the unique Voice Transformer and Robot settings can be used to convincingly pitch shift a DJ's voice or a pre-recorded vocal into another gender or into a funky robot voice. New to the Roland effects line-up, the DJ-2000's "Jao" effect processes the input signal(s) through an algorithm designed to produce a unique "jao" sound, while the "Slicer" effect creates rhythmic permutations by rapidly muting and un-muting the music to the beat.

### Specifications

#### <EFX Section>

Effects	Delay, Flanger, Overdrive + Delay, Overdrive + Flanger, Auto Pan, Filter Robot, Voice Transformer, Slicer, Jao
Ch. Select	Mic1, CH1, Ch2, CH3, CH4, Master
Freq. Range Select	Low, Mid, High, Full
Sync Type Select	1/16, 3/8, 1/8, 3/4, 1/4, 1/2, 1, 2, 4
Effect Balance	Direct to Effect

#### <Others>

Frequency Response	20 Hz to 20 kHz +/- 1db (Gain=min)
Total Harmonic Distortion	0.05% or less (Input Sens:- 20 Hz to 20 kHz at nominal output level)
S/N Ratio	80 dB (Input: 150 ohms terminated, IHF-A Typ.)

Giving DJ's even more control, the onboard effects can be applied to a specific frequency range (Lo, Mid, High, Full) and channel (1,2,3,4, Mic, Master), while all effects parameters can be set intuitively via three knobs. An Effect Balance knob allows for dialing in just the right amount of effects, and all modulating effects are instantly sync'd to the music via the DJ-2000's built-in BPM counter. For even more effects options, the DJ-2000 even includes an assignable stereo effects loop for use with external effects processors or outboard EQ – a first for this market!

### Innovative BPM control and MIDI syncing

The basis for all DJ-style mixing is the skillful syncing of the BPM (beats-per-minute) from different records, CD's and other audio sources. Answering the long-held dream of DJ's worldwide, the DJ-2000's innovative onboard BPM counter automatically calculates and displays the tempo from the music being played via the repeated amplitude of the bass drum. It can also be set manually via BPM Adjust buttons and a Tap Tempo button, allowing not only for the aforementioned effects syncing, but for MIDI clock output as well. MIDI clock output, in turn, makes the DJ-2000 perfect for syncing and mixing turntable and/or CD-based music to a range of other Roland dance gear like the popular MC-303/505 Groovebox, the SP-202 Dr. Sample and any other MIDI Clock-compatible device. Conversely, this unique capability can also be used to start/stop such MIDI instruments for the ultimate in live performance control.

Crosstalk	-70 dB or less (1kHz, between channel/ between L and R)
Equalizer	High: +/- 16 dB (12 kHz, Shelving type), Mid: +/- 16 dB (2kHz, peaking type), Low +/-16 dB (40 Hz, Shelving type)
Isolator	High/Mid/Low: -∞ to +12 dB
Connectors	Mic Ins 1 (XLR, unbalanced), Mic In 2 (1/4" unbalanced), Line Ins 1 to 5 (RCA), phono Ins 1 to 3 (RCA), Effect Send and Return (1/4"), Master Outs (1/4" and RCA), Sampler Out (RCA), Phones Out (1/4")
Power Supply	AC117V/230V/240V
Power Consumption	35W
Dimensions	482 (W) x 311 (D) x 112 (H) mm/19 x 12-1/4x 4-7/16 in.
Weight	6.8 kg / 15 lbs.

\*The specifications are subject to change.