

MasterDJ AI

User Manual

Professional DJ Platform — No Installation Required



Version
1.0

Platform
Browser (Chrome,
Safari, Firefox)

Languages
English / Español (+11
more)

Website
masterdjai.com

Table of Contents

1. Welcome to MasterDJ AI

- What is MasterDJ AI?
- Who is it for?
- Free vs Pro

2. Getting Started

- Opening the app
- Loading your music
- Understanding the interface

3. The Dual Deck System

- Deck A & Deck B
- Waveforms
- Jog Wheels & Tonearm
- Transport Controls

4. The Mixer

- Volume & Speed
- Crossfader
- Gain & Filter
- EQ Knobs
- Kill Switches

5. EQ Presets & 10-Band Equalizer

- Genre presets
- Manual EQ adjustment
- Saving custom presets

6. Effects

- Filter
- Delay
- Reverb
- Phaser

7. Hot Cues, Loops & Beat Jump

- Setting hot cues
- Creating loops
- Beat Jump
- Quantize
- Slip Mode

8. Key Detection & Harmonic Mixing

- Camelot Wheel
- Key Lock

9. The Music Library

- Loading folders
- Cover art
- Star ratings
- Smart Crates

- Genre folders

10. Smart Auto DJ

- Starting Auto DJ
- Smart vs Random mode
- Fade time
- Genre rotation

11. Karaoke Features

- Karaoke Mode
- YouTube Karaoke

12. Song Lyrics

- Finding lyrics

13. Live Song Requests

- Creating a room
- The QR code
- Managing requests

14. Stems

- Bass
- Drums
- Vocals

15. Session History & Recording

- Viewing history
- Recording your mix

16. Party Sampler

- The 8 sound pads

17. Skins & Customization

- Changing skins

18. Keyboard Shortcuts

19. Tips for Beginners

20. Pro DJ Tips

1. Welcome to MasterDJ AI

What is MasterDJ AI?

MasterDJ AI is a professional-grade DJ platform that runs entirely in your web browser. There is nothing to install, no account to create, and no internet connection required after opening the app. Simply open the file in Chrome, Safari, or Firefox and you have a complete DJ console ready to perform — at home, at a party, or at a professional event.

Built using the Web Audio API, MasterDJ AI processes all audio locally on your device. Your music files never leave your computer. Everything happens in real-time, with professional-quality sound and zero latency.



The MasterDJ AI splash screen appears when you first open the app.

Who is MasterDJ AI for?

■ Beginners	Just discovered DJing and want to mix without buying expensive software or hardware.
■ Party DJs	DJs who play at birthdays, weddings, and private events and need a reliable, portable solution.
■ Karaoke Hosts	Entertainers who need vocal removal and YouTube karaoke integration in one tool.
■ Pro DJs	Experienced DJs who want a browser-based backup or secondary system with professional features.
■ Students	Music students learning music theory, mixing, harmonic blending, and beat matching.

Free vs Pro

Free vs. Pro — Full Feature Comparison

Feature	Free	Pro
Dual Deck System (A & B)	✓	✓
Waveform Display with Beat Grid NEW	—	✓
BPM Detection & SYNC	✓	✓
Crossfader & Volume Controls	✓	✓
VU Meters (Professional Level Display) NEW	—	✓
3-Band EQ per Deck	✓	✓
EQ Kill Switches	✓	✓
10-Band Equalizer	—	✓
EQ Presets	—	✓
Effects (Filter, Delay, Reverb, Phaser)	—	✓
Hot Cues (3 cue points per deck)	✓	✓
Loops & Beat Jump	✓	✓
Key Detection & Display	—	✓
Harmonic Mixing Suggestions	—	✓
Music Library (local files)	✓	✓
Smart Auto DJ	—	✓
Karaoke Mode	—	✓
Song Lyrics Display	—	✓
Live Song Requests (QR Code)	—	✓
Stems (isolate vocals/instruments)	—	✓
Session Recording & History	—	✓
Party Sampler (8 pads)	—	✓
Skins & Customization	✓	✓

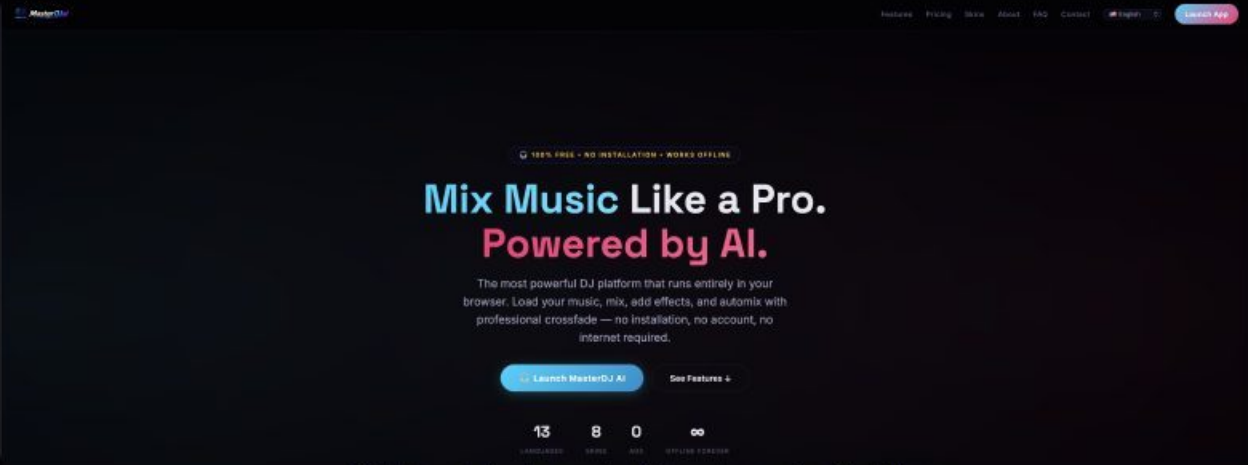
★ Upgrade to Pro at masterdjay.com — unlock all features with a single subscription.

2. Getting Started

Opening the App

MasterDJ AI runs directly in your browser — there is nothing to install. Open masterdjai.com in Chrome (recommended), Safari, Firefox, or Edge. Click "Launch App" to enter the platform. For the best performance and full feature support, use Google Chrome on a Mac or Windows computer.

Tip: You can also save the app.html file to your computer and open it offline by double-clicking the file — no internet connection needed.

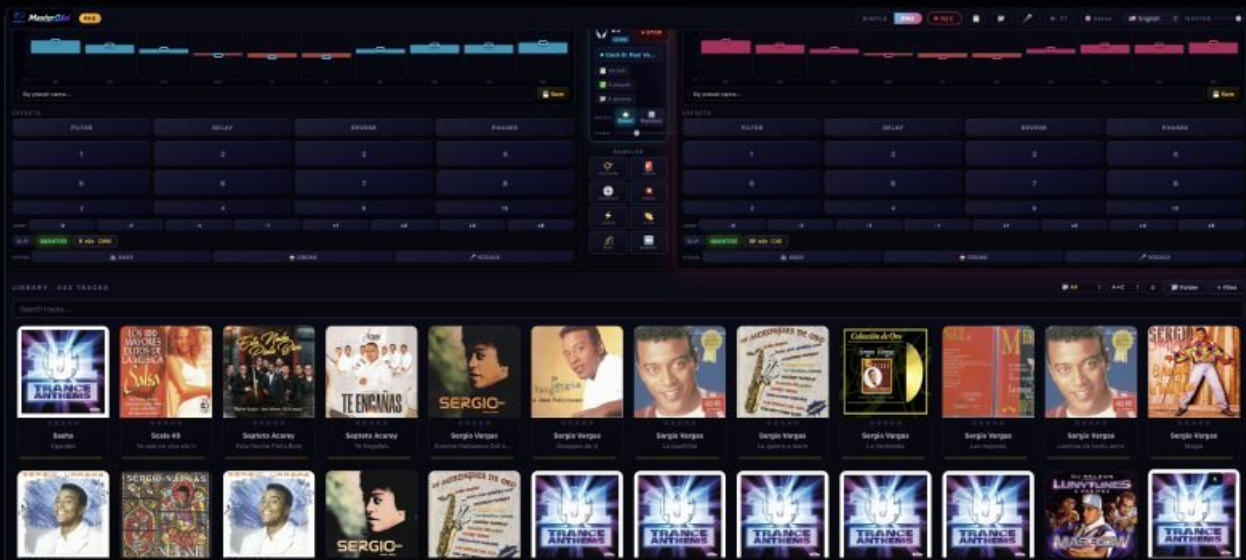


Click "Launch App" on masterdjai.com to open the DJ platform.

Loading Your Music

MasterDJ AI supports all common audio formats: MP3, WAV, OGG, AAC, M4A, FLAC, and WMA. Your music files are processed entirely on your device — nothing is uploaded to any server.

Step 1	In the Library section at the bottom, click "+ Files" to select individual songs, or "Folder" (Pro) to load an entire folder.
Step 2	Your songs appear in the library as cards with their cover art (if embedded in the MP3 tags) and track name.
Step 3	Hover over any song and click "A" to load it into Deck A, or "B" to load it into Deck B.
Step 4	Press Play on either deck to start mixing.



The library shows your tracks as cards with cover art. Hover to see the A/B load buttons.

Cover Art: MasterDJ AI automatically extracts album artwork embedded in your MP3 files and displays it on the jog wheels and library cards. Use a tool like MusicBrainz Picard (free) to add cover art to your MP3 collection before loading it into the app.

Understanding the Interface

The MasterDJ AI interface is divided into three main areas:

Area	Location	What it does
Deck A	Left side	Controls for the first turntable — waveform, jog wheel, transport, EQ, effects, cues, loops
Mixer	Center column	Crossfader, VU meters, Auto DJ, Automix, Sampler — connects both decks
Deck B	Right side	Controls for the second turntable — identical to Deck A
Library	Bottom	Your music collection — search, sort by genre, load tracks to decks
Topbar	Top	Mode switcher (Simple/Pro), Recording, YouTube Karaoke, Skins, Language, History

3. The Dual Deck System

Deck A & Deck B

MasterDJ AI features two independent decks — Deck A (cyan / left) and Deck B (magenta / right). Each deck plays one track at a time and has its own waveform, jog wheel, transport controls, EQ, effects, and hot cue pads. Professional DJs use two decks to seamlessly blend songs without silence between tracks.



Deck A with a track loaded, showing the waveform, jog wheel, and controls.

Waveforms

The waveform is the colorful audio visualization at the top of each deck. It shows the frequency content of the entire song — the rainbow of colors represents different frequencies (cyan = highs, magenta = lows). The vertical line (playhead) shows your current position in the track.

The played portion of the waveform is fully colored, while the upcoming portion is dimmed. Use the waveform to anticipate drops, breaks, and the end of the track. You can click anywhere on the waveform to jump to that position.

Jog Wheels & Tonearm

The large circular wheel in the center of each deck is the jog wheel — it simulates a vinyl turntable platter. When a track is playing, the jog wheel spins and displays the album cover in the center. The tonearm (the arm-shaped element on the right side) moves from the outer edge of the "vinyl" toward the center as the song progresses — exactly like a real turntable. When the song is near its end, the tonearm will be close to the center.



The jog wheel spins during playback. The tonearm moves inward as the song progresses.

Transport Controls

The transport buttons are located to the right of the jog wheel:

■ Play	Start playback from current position
■ Stop	Stop playback
■ Back to Start	Return to the beginning of the track
SYNC	Synchronize BPM of this deck to the other deck automatically
🔍 Edit / Cue	Set or jump to the main cue point
LOAD	Open a file dialog to load a track directly

BPM Display: The large number in the top-right of each deck shows the detected BPM (beats per minute) of the loaded track. MasterDJ AI automatically calculates the BPM when you load a song.

4. The Mixer

The mixer is the central column between Deck A and Deck B. It controls how the two decks blend together and gives you master control over the overall sound.



The mixer column with VU meters, crossfader, and Automix/Auto DJ controls.

Volume & Speed Controls

VOL	Master volume for each deck (0% to 100%). This controls how loud the deck plays in the overall mix.
SPEED	Playback speed — also controls pitch unless Key Lock is enabled. 100% = original speed. Pro version allows 50%-150%.
GAIN	Pre-fader gain — use this to match the perceived loudness of different tracks before mixing.
FILTER	Filter sweep — center (50%) = no filter. Move left = lowpass (removes highs). Move right = highpass (removes lows). Essential for transitions.

KEY LOCK

★ PRO FEATURE

When Key Lock is enabled (button glows green), the pitch of the track stays constant even when you change the speed. This is essential for mixing songs at different BPMs without making vocalists sound like chipmunks or monsters.

The Crossfader

The crossfader is the horizontal slider in the center of the mixer. It controls the balance between Deck A and Deck B:

All the way LEFT (A)	Only Deck A plays at full volume. Deck B is silent.
Center (AB)	Both decks play at equal volume — this is the mixing point.
All the way RIGHT (B)	Only Deck B plays at full volume. Deck A is silent.

Pro tip: A classic DJ crossfade technique: start with the crossfader on A, load a track on B and match the BPM with SYNC, then slowly slide the crossfader to B over 30-60 seconds for a smooth, invisible transition.

EQ Knobs & Kill Switches

Each deck has three EQ (equalizer) rotary knobs: HI, MID, and LOW. Drag them up to boost or down to cut each frequency range:

HI	High frequencies — cymbals, hi-hats, air, presence. Range: -12dB to +12dB
MID	Mid frequencies — vocals, guitars, most melodic instruments.
LOW	Low frequencies — bass, kick drum, sub. The most impactful for dancefloors.

Below each EQ knob is a KILL button. When you press KILL, it instantly cuts that frequency band to silence (-40dB). Press again to restore. DJs use kills for dramatic effects — for example, killing the LOW on the outgoing track while bringing the LOW of the incoming track up.

★ PRO FEATURE

5. EQ Presets & 10-Band Equalizer

★ PRO FEATURE

MasterDJ AI includes a 12-genre EQ preset system and a full 10-band graphic equalizer. Select a genre preset and the 10 EQ bands adjust automatically to the optimum settings for that music style. You can then fine-tune manually and save your own custom presets.

Genre Presets

■ Flat	No EQ — all bands at 0dB. Use this as your neutral starting point.
■ Salsa	Boosted bass and upper mids for brass and percussion.
■ Merengue	Heavy bass, bright highs for fast rhythm.
■ Bachata	Warm mids for guitar, balanced bass.
■ Latin Pop	Balanced with mid presence for vocals.
■ Balada	Elevated mids for vocal clarity, soft bass.
■ Pop	Smiley curve — boosted highs and lows, slightly cut mids.
■ Rock	V-shape — boosted bass and treble, cut mids for punch.
■ Hip Hop	Heavy sub-bass, clear highs for samples and vocals.
■ House/EDM	Extreme bass boost, elevated highs for electronic music.
■ Reggae	Bass-heavy with relaxed highs.
■ Jazz	Warm mid-forward sound with natural highs.



The EQ preset grid (top) and the 10-band equalizer panel (below) open when a preset is selected.

The 10-Band Equalizer

When you select a preset, the 10-band equalizer panel opens showing the exact settings for each frequency band: 60Hz, 170Hz, 310Hz, 600Hz, 1kHz, 3kHz, 6kHz, 12kHz, 14kHz, 16kHz. Drag any slider up (boost) or down (cut) to customize the sound. The scale goes from -12dB to +12dB.

Saving Custom Presets

After adjusting the EQ to your taste, type a name in the preset field and click Save (■). Your preset appears in the grid with a ■ star. Use Export (■) to download your presets as a JSON file and Import (■) to load them on any device.

6. Effects

★ PRO FEATURE

Each deck has four real-time audio effects. Click any effect button to activate it (the button lights up in cyan or magenta). The knob below each effect controls its intensity.



The four effect buttons with their control knobs.

FILTER

A resonant filter that sweeps through the frequency spectrum. Creates that classic DJ "woah" sound.

DELAY

An echo effect that repeats the audio. Great for snare rolls and creating tension before a drop.

REVERB

Adds a sense of space and depth to the sound — from a small room to a large concert hall.

PHASER

A sweeping, spacey modulation effect — the classic "whooshing" sound of 70s and electronic music.

7. Hot Cues, Loops & Beat Jump

★ PRO FEATURE



Hot cue pads (top), loop buttons, Beat Jump controls, Slip Mode and Quantize buttons.

Setting Hot Cues

Hot cues are instant position markers — pressing one instantly jumps the track to that saved position. Each deck has 8 hot cue pads (labeled 1-8).

1. Play the track and pause at the position you want to mark.
2. Press any empty cue pad (1-8) to save it. The pad lights up in cyan (Deck A) or magenta (Deck B).
3. Press that pad again at any time to jump back to that exact position.
4. To delete a cue, hover over the lit pad and click the ✕ button.

Quantize: When Quantize is active (green button), cue points snap to the nearest beat automatically. This makes it impossible to set a cue slightly off-beat. Quantize is ON by default.

Creating Loops

Loops play a section of the track repeatedly. The loop buttons (2, 4, 8, 16) set the loop length in beats. Press a loop button to activate it — the track will loop that number of beats from the current position. Press the same button again to exit the loop.

Beat Jump

Beat Jump instantly moves the playback position forward or backward by an exact number of beats without breaking the rhythm. The buttons show -8, -4, -2, -1, +1, +2, +4, +8 beats. Use Beat Jump to skip intros, jump to a specific verse, or sync with a specific moment.

Slip Mode

Slip Mode is an advanced professional feature. When Slip Mode is active, the track continues advancing in the background while you perform loops or hit cue points. When you exit the loop or cue, the track snaps back to where it WOULD have been if you had not intervened — maintaining the natural flow of the song.

Example: Your track is at 1:30. You activate a loop. The loop plays for 8 seconds. When you exit the loop, with Slip Mode OFF the track continues from 1:30 + loop. With Slip Mode ON, the track jumps to 1:38 — exactly where it would have been.

8. Key Detection & Harmonic Mixing

★ PRO FEATURE

When you load a track, MasterDJ AI automatically analyzes its musical key using the Krumhansl-Schmuckler algorithm — the same method used in professional DJ software. The detected key is displayed on each deck in standard notation plus Camelot Wheel notation (e.g., "Am (8A)" or "C maj (8B)").

The Camelot Wheel

The Camelot Wheel is a circular system designed specifically for DJs to identify harmonically compatible songs. Songs that are adjacent on the wheel will sound musical when mixed together. Songs that are not adjacent will create harmonic clashes.

Same number, same letter	8A → 8A	Perfect match — same key
Same number, adjacent letter	8A → 8B	Compatible — relative major/minor
Adjacent number, same letter	8A → 7A or 9A	Compatible — one step on wheel
Far apart	8A → 2B	Avoid — harmonic clash

Combine key detection with Smart Crates (set a key filter) to instantly see only songs that are harmonically compatible with the one currently playing.

9. The Music Library

Loading Music

The library at the bottom of the screen holds all your loaded tracks. Use "+ Files" to add individual songs, or "Folder" (Pro) to load an entire folder. You can load multiple folders — tracks from each folder are tagged with the folder name as a genre.

Genre Folders

If you organize your music library in folders by genre (e.g., "Salsa", "Merengue", "Rock"), MasterDJ AI automatically detects the folder name and tags each track with that genre. Use the genre dropdown filter to show only tracks from a specific folder/genre. The Smart Auto DJ uses this information for genre rotation.



Genre filter dropdown (top left) and genre badges on track cards.

Star Ratings

★ PRO FEATURE

Rate any track from 1 to 5 stars by clicking the stars below its cover art. Ratings are saved permanently in your browser and persist between sessions. Use ratings with Smart Auto DJ — Smart Mode plays higher-rated tracks more often.

Smart Crates

★ PRO FEATURE

Smart Crates are intelligent auto-filtering playlists. Click the  button in the toptbar to open the Smart Crates panel. Create a crate and set filter rules:

BPM Range	Only show tracks within a specific BPM range (e.g., 120-130 BPM for house music)
Min Rating	Only show tracks with at least N stars (e.g., 4+ stars for your best tracks)
Key Filter	Only show tracks in a specific musical key (e.g., "Am" for harmonic mixing)

10. Smart Auto DJ

★ PRO FEATURE

Smart Auto DJ handles mixing automatically so you can step away from the decks. It loads songs, plays them, crossfades to the next track before each song ends, and avoids repeating songs that have already been played in the session.



The Smart Auto DJ panel showing active status, queue count, and settings.

Starting Auto DJ

1. Load your music library (at least 4-5 tracks for best results).
2. Find the Smart Auto DJ panel in the mixer column.
3. Choose your mode: ☒ Smart (plays higher-rated tracks more often) or ☐ Random (full shuffle).
4. Set the Fade time — how many seconds before a track ends the crossfade begins (5-60 seconds).
5. Press ☒ START AUTO DJ. The system loads a song in Deck A and plays it, pre-loads Deck B, and manages everything from there.
6. To stop, press ☒ STOP AUTO DJ at any time.

Genre Rotation

If you have loaded multiple genre folders (e.g., Salsa, Merengue, Rock), the Smart Auto DJ automatically rotates through genres — one song from Salsa, then one from Merengue, then one from Rock, then back to Salsa. It never plays two songs from the same genre back-to-back until all genres have been represented.

Pro tip: You can take back control at any time during Auto DJ. Simply load a track manually on either deck and the Auto DJ will adapt, continuing from your manual selection.

11. Karaoke Features

★ PRO FEATURE

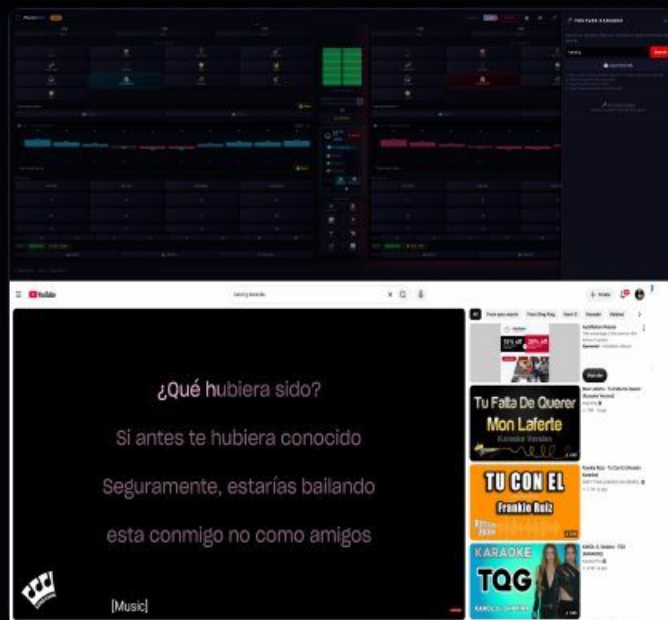
Karaoke Mode — Vocal Removal

Karaoke Mode removes the lead vocals from ANY song in real-time using center channel cancellation. This works because vocals in most professionally recorded music are panned to the center of the stereo field. The result is not perfect on all tracks, but works excellently on most commercial recordings.

To activate: load a track, then click the  Karaoke button that appears in the deck header. The button glows when active. Click again to restore the vocals.

YouTube Karaoke

YouTube Karaoke lets you search for and play official karaoke videos directly inside MasterDJ AI — without leaving the app. Click the  YT button in the topbar to open the YouTube Karaoke panel. Search for any song, select a result, and it plays in an embedded player.



The YouTube Karaoke panel with search and embedded video player.

12. Song Lyrics

MasterDJ AI can automatically fetch and display the lyrics of any loaded track. When a track is loaded in a deck, a  button appears in the deck header. Click it to search for lyrics. The system uses the lyrics.ovh API — free, no key required.

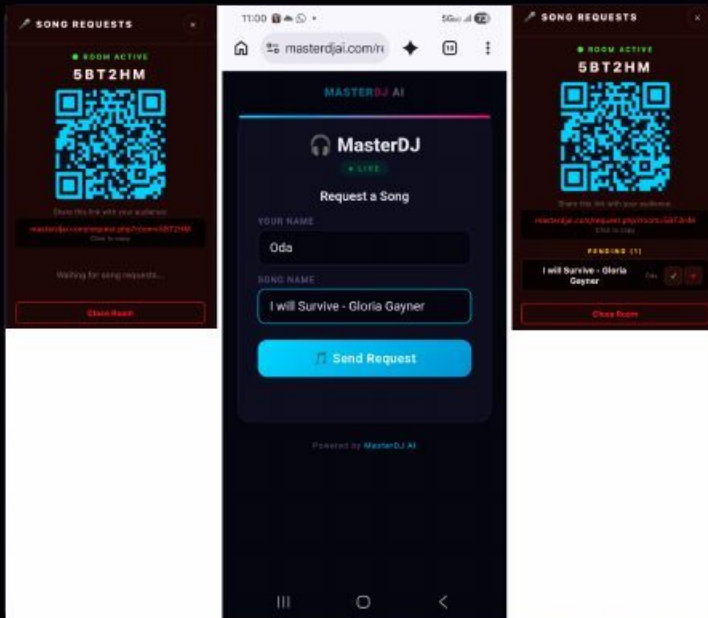
The lyrics popup appears with the full text and a scroll bar. Close it by clicking ✕ or clicking outside the popup. If lyrics are not found automatically, links to Google and Genius are provided for manual search.

Best results: Lyrics are found most reliably when your MP3 file name uses the format "Artist - Song Title.mp3". Files named only with a song title may not return results.

13. Live Song Requests

★ PRO FEATURE

Live Song Requests lets your audience request songs from their smartphones without approaching the DJ booth. It requires an internet connection.



The Song Requests panel with QR code and incoming requests in real-time.

1. Click the  button in the topbar to open the Song Requests panel.
2. Click "Create Room" — a unique room code and QR code are generated.
3. Display the QR code on a screen or print it and place it on tables.
4. Guests scan the QR code with their phone — no app needed, just a browser.
5. Guests type a song title and their name, then submit.
6. The request appears instantly in your DJ console with a notification.
7. Click on any request to mark it as played or remove it from the list.
8. Click "Close Room" when you are done taking requests.

14. Stems

★ PRO FEATURE

Stems lets you isolate or mute specific elements of any track in real-time. The three stem controls appear below the Quantize button on each deck when a track is loaded.

■ BASS

Mutes the low-frequency content (20-200Hz) — kick drum and bass line disappear. Use to remove the bass of the outgoing track while keeping the bass of the incoming track.

■ DRUMS

Reduces the high-mid percussion frequencies — hi-hats, snares, and cymbals. Creates a more melodic, floating sound from the track.

■ VOCALS

Activates Karaoke Mode — removes center-channel vocals using phase cancellation. Same as the Karaoke button in the deck header.

When a stem is muted, the button turns red. Press again to restore that element. You can mute multiple stems simultaneously.

15. Session History & Recording

Session History

Click the  button in the topbar to open the Session History panel. It shows every track played in the current session, which deck it was played on, and the exact time it was loaded. This is useful for events where clients ask "what did you play tonight?"

Session Recording

★ PRO FEATURE

Click the  REC button in the topbar to start recording your mix. Everything you hear — both decks, all effects, crossfader movements — is captured. Click STOP to end the recording. The mix downloads automatically as a WebM audio file which you can play in any modern media player or upload to SoundCloud/Mixcloud.

16. Party Sampler

★ PRO FEATURE

The Party Sampler in the mixer column gives you 8 one-shot sound effects generated in real-time using Web Audio API — no additional files needed.



The 8 sampler pads in the mixer column.

■ AIR HORN	The classic party air horn — guaranteed to get attention.
■ SIREN	A rising and falling siren effect for building energy.
■ SCRATCH	A vinyl scratch effect — instant DJ credibility.
■ BOOM	A deep bass hit — perfect for drops and dramatic moments.
■ LASER	A descending laser sound for electronic music sets.
■ CLAP	A rapid quad-clap for rhythmic accents.
■ RISE	An ascending tension build — use before a big drop.
■ REWIND	The classic DJ rewind effect — never gets old.

17. Skins & Customization

MasterDJ AI comes with 8 visual skins — each changes the color palette and mood of the interface. Click "Skins" in the topbar to open the skin panel. 2 skins are available in the Free version; the remaining 6 are Pro.



The skins panel with all 8 available visual themes.

18. Keyboard Shortcuts

MasterDJ AI supports keyboard shortcuts for hands-free control during performance. These are available in Pro mode.

Key	Action
Q	Play / Pause Deck A
W	Set / Jump to Cue Point — Deck A
P	Play / Pause Deck B
O	Set / Jump to Cue Point — Deck B
Space	Center the Crossfader (AB position)
R	Start / Stop Session Recording

19. Tips for Beginners

Start with Automix

Enable Automix in the mixer. It automatically crossfades between tracks so you can hear how professional transitions sound before doing them manually.

Use SYNC first

Press SYNC on Deck B to automatically match its BPM to Deck A. Then practice moving the crossfader manually — SYNC handles the tempo, you handle the blending.

Load music from one genre first

Start with 10-20 songs of the same genre. Mixing similar music is much easier than mixing across styles.

Use EQ genre presets

Select the matching EQ preset for your music style (Salsa, Rock, Hip Hop). Your music will immediately sound better.

Watch the waveforms

The waveform shows you exactly where the track is and what is coming next. Look for quiet sections (spaces to transition) and loud sections (drops to avoid cutting).

Practice the Filter sweep

The FILTER slider is the single most powerful mixing tool. Move it slowly from center to the left while transitioning — it creates a professional smooth fade.

Set hot cues on intros/outros

Load a track, set cue 1 at the beginning of the vocal, and cue 2 at the final chorus. This gives you instant access to the most useful positions.

Use Smart Auto DJ to learn

Watch how Auto DJ handles transitions — the crossfader movement, the timing, the levels. This is how professional transitions work.

20. Pro DJ Tips

This chapter is for experienced DJs who want to get the most out of MasterDJ AI's professional feature set.

Harmonic Mixing with Camelot

Always check the Camelot key badge on each deck before a transition. Mix adjacent numbers (8A → 9A or 7A) or same number different letter (8A → 8B) for perfectly harmonic blends. Use Smart Crates with a key filter to pre-filter only compatible tracks.

EQ Swap Technique

During a transition, cut the LOW (KILL) on the outgoing deck, bring in the incoming deck with its bass, then gradually move the crossfader. This prevents bass frequencies from both tracks clashing — the most common mistake beginners make.

Filter into the mix

Before introducing a new track, put its FILTER slider fully to the left (lowpass). As you move the crossfader, slowly move the filter to center. The track enters gradually with its full frequency range — elegant and professional.

Slip Mode for phrase mixing

Activate Slip Mode, then use hot cues to jump around creatively during breakdowns. When you release back to the main playback, you're always on the phrase — no more "losing the beat" during creative moments.

Beat Jump for arrangement

Use Beat Jump (+8 or +16) to skip boring sections — long intros, repeated verses. Your crowd stays engaged, and you maintain energy on the dancefloor.

Genre Rotation for events

Load your Salsa, Merengue, and Bachata folders separately. Enable Smart Auto DJ with genre rotation. You can now give full attention to the crowd, song requests, and the atmosphere while the system keeps the music flowing in a balanced rotation.

Stems for mashups

Mute the BASS on Deck A while keeping the bass of Deck B — you get the melody of song A over the bass and drums of song B. A quick, effective mashup technique that works on almost any combination of same-genre tracks.

Smart Crates for sets

Before your performance, create Smart Crates for each energy level: "Warm-up" (min BPM 80, max 100), "Main Set" (120-130), "Peak Hour" (130+). Filter by these crates to always find the right energy track instantly.

Ready to perform?
masterdjai.com

The most powerful browser DJ platform in the world.

Beat Grid

PRO FEATU

The **Beat Grid** overlays a precise visual grid directly on each deck's waveform, giving you a beat-by-beat roadmap of every track. At a glance you can see phrase structure, downbeats, and individual off-beats — so your mixes land exactly where they should.



Three-Tier Beat Marker System

- **Cyan Triangles (▲)** — Phrase markers placed every 8 beats. These are the biggest landmarks: a new phrase is a natural transition point for drops, effects, or track changes.
- **Downbeat Ticks (tall)** — Mark every 4 beats (one bar). Use these to time your filter sweeps, echo throws, or crossfader moves.
- **Off-beat Ticks (short)** — Mark beats 2, 3, and 4 within each bar, giving you the full rhythmic grid for precise juggling and cue placement.

How to Use Beat Grid

- Load a track — the Beat Grid renders automatically once BPM analysis is complete.
- Zoom in on the waveform using the scroll wheel to see individual beat ticks more clearly.
- Align the playhead to a cyan ▲ phrase marker before triggering a loop or hot cue for perfectly timed transitions.
- During a mix, watch both waveforms simultaneously — when the grids align, the tracks are in perfect rhythmic sync.

Pro Tip: Combine Beat Grid with the SYNC button for hands-free beatmatching. The grid confirms that both decks share the same tempo and phase — watch the phrase markers line up before you open the crossfader for a flawless blend.

VU Meters

PRO FEATURE

The **VU (Volume Unit) Meters** in MasterDJ AI are professional-grade level indicators built into the Mixer panel. They show you the real-time audio level of both channels in parallel — so you can protect your speakers, match levels between tracks, and deliver a consistently loud, clean sound all night.



VU Meters in the Mixer panel — L and R columns for each channel

Color Zones

Cyan bars = safe operating level (–20 to –6 dBFS). Yellow bars = caution zone (–6 to –3 dBFS). White peak hold line = highest peak reached.

L / R Columns

Two columns per channel — Left and Right — show the stereo balance of your mix. Uneven bars signal a mono-panned track or a wiring issue.

Peak Hold

The white horizontal line holds the highest peak for ~2 seconds before falling. If it stays in the yellow zone, reduce your channel fader slightly.

Reading the Meters Like a Pro

- **Target level: –6 dBFS.** Keep your peaks in the cyan zone for headroom. Occasional yellow is fine; red clipping means you're distorting your output.
- **Match levels between tracks** before the transition. Both meters should peak at roughly the same height so the volume stays consistent for your audience.
- **Watch both channels simultaneously** during EQ mixing — a hard-cut bass kill will drop the left meter noticeably if the kick is panned slightly off-center.
- **Use the Master volume knob** (not the channel faders) to bring the overall level up or down without changing the relative balance you've dialed in.

Pro Tip: Before your first song, play 30 seconds of your loudest track and watch the VU meters. Set the master so the peak hold line sits around –3 dBFS. That calibration point will keep every subsequent track in the sweet spot without clipping.

Stage View

PRO FEATU

Stage View transforms your tablet or laptop screen into a performance display — a full-screen, crowd-facing view with animated spinning vinyls, a neon wave background, and scrolling NOW PLAYING / NEXT marquee bars. Tap the vinyl icon or the **Stage View** button to enter, and tap **EXIT VINYL MODE** to return to the main interface.



Stage View — DJMAURO performing with dual animated vinyls and live marquee bars

What Stage View Shows

DJ Name & Event Name	Displayed prominently at the top center. Tap either label to edit it on the fly.
Spinning Vinyls	Both Deck A and Deck B are shown as large animated records. Album art spins inside each vinyl while the track plays.
BPM Counter	Large cyan (active deck) or pink (standby deck) BPM numbers below each vinyl.
NOW PLAYING / NEXT	Scrolling marquee at the bottom of the screen — the crowd always knows what's on.
LIVE badge	Top-right corner glows red while the session is running.
UP NEXT panel	Tap the arrow in the top-right to expand the upcoming queue — ideal for planning sets on stage.

Pro Tip: Place your tablet on a mic stand or DJ booth riser facing the crowd while you work on your laptop. Stage View keeps the audience engaged visually while you focus on mixing on the main interface.

2nd Screen

PRO FEATU

The **2nd Screen** feature sends a dedicated display window to a second monitor, TV, or projector. Like Stage View, it shows animated spinning vinyls and track info — but in a separate window that your audience sees while your main MasterDJ AI interface stays on your primary screen. No tablet needed: just connect an HDMI display and extend your desktop.



2nd Screen window — dual spinning vinyls, BPM, and the UPCOMING track queue

How to Open the 2nd Screen

1. Connect a second monitor, TV, or projector to your computer via HDMI or DisplayPort.
2. In your OS display settings, set the second monitor to **Extend** (not Mirror).
3. In MasterDJ AI, click the **2nd Screen** button in the top toolbar.
4. A new browser window opens — drag it to your second monitor and press **F11** (or the fullscreen button) to fill the screen.
5. The window updates in real-time as you mix on the main interface.

What 2nd Screen Displays

DJ Name & Event Name	Shown at the top center — tap to edit at any time.
Dual Spinning Vinyls	Deck A (cyan ring) and Deck B (pink ring) with spinning album art.
Track Name & BPM	Shown below each vinyl in large text — readable from across the room.
PLAYING / PAUSED Status	Each deck shows its live playback state.
UPCOMING Strip	Thumbnail album art strip at the bottom showing the next tracks in queue.
LIVE Badge	Top-right corner indicator glows when the session is active.

Pro Tip: Put the 2nd Screen on the venue's main TV or projector so guests can always see what's playing. Pair it with the QR code from the Song Requests panel — people scan the QR code on their phones and request songs they see on the 2nd Screen display.