

# Touch DJ™ Help 1.0

## Introduction



Touch DJ is a DJ mixing application for the iPhone and iPod Touch. First of its kind, the application offers real-time independent manipulation of 2 MP3 files, including scratching, cueing, looping, positioning, equalization and pitching.

The unique futuristic user-friendly interface of Touch DJ with the ability to touch, pinch and feel the tracks and the highly advanced zero-latency sound engine bring fantastic results comparable to what can be done with professional hardware vinyl equipment.

Two mixing modes are available. Enthusiasts can jam with the default Visual mode, while the professionals might go for the Split mode which implies the usage of a special I/r adapter. Mixing in Visual mode is simple and fun thanks to the bass highlights, the option to freeze tracks while playing, full tactile track control and TempoBend feature.

Among extra features - Filter FX for each track, vinyl spin and break effects, onboard sampler with 3 sample slots (accepts .WAV files) and the ability to record samples via the microphone. Uploading of user MP3/WAV files is carried out through the provided sync programs for PC and Mac. As a bonus, Touch DJ is shipped with 25 dance tracks provided by DanceMusicHub.com.

## Performance notes

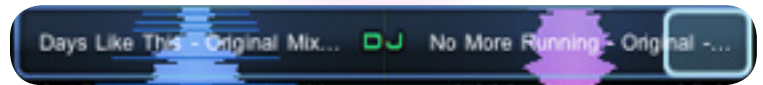
Touch DJ is a very CPU intensive app. The MP3 files are unpacked and processed in realtime. Thus we recommend using the fastest devices now available - iPhone 3GS or the new iPod Touch 16/32 GB.

Ways to improve performance on older devices:

- 1) Use 128 kbps MP3s (better bitrate - slower operation)
- 2) Reboot in Flight mode

## Basic interface operations

### Crossfader



Crossfader is used to control the volume balance between the two tracks. You can press the corners and the middle of the crossfader bar for immediate position setting.

### Transport panel



Play/Pause starts/stops the track.  
Rev jumps to the cue point.

FF jumps to the loop point. Please note that if the cue/loop points for the songs by default are equal to tracks start (00:00) and track end. Set them individually if needed.

### Loading tracks



Press the Eject button to bring up the track loading menu. Note that you have to hide the EQ window in order to do this, since if the EQ window is brought up, the Eject button acts like "revert eq settings"

### Moving inside the tracks (track seek)



You can do this either with your finger (tap the wave and move up/down), or using the TempoBend buttons while the track is paused.



Tap TempoBend button and press the arrows. Note that the little red dots at the


sides of the screen represent the current position within the track. You can also track seek using triple finger tap on the wave but you have to be precise in order not to change the track pitch while performing the triple tap gesture.

## Uploading your own MP3 tracks

Your music is uploaded through the cable connection. Please download the Touch DJ Sync program from [www.amidio.com](http://www.amidio.com) in order to do this.


## Beatmatching & Mixing

### Adjusting pitch



There are 2 ways to adjust pitch. The first way is to pinch the wave with 2 fingers. Notice the pitch ratio figure changes (1.000 is the default track pitch). The second way to adjust pitch is to use the + - buttons. The "0" button between them will bring the pitch back to 1.000 (immediately, if the track was paused, or slowly, if the track was playing)


### Using TempoBend



TempoBend is a powerful tool to remedy mixing issues (beat desynchronization / bad overlapping). Activate TempoBend by pressing the button. Use the arrows to slow down/speed up the tracks: press and hold or tap several times until you achieve the desired result.


Note that pressing the TempoBend arrows if the track is in "pause" mode will act like "track seek" function.

### Track Freeze




Tap this button to "freeze" the image of the track which is now playing as master (has more output level on the cross-fader). This can help to visually adjust the pitch of the other track in "pause" mode. Tap again to unfreeze.

### Using Zoom



Tap the Zoom button to toggle zoom on/off. Note that you can set the Zoom action (in/out) in the Setup.

### Equalization

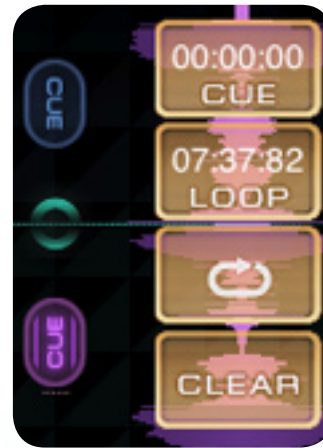


Tap the EQ button to bring up the 3-band equalizer. While it is visible, you can press the Eject button to revert the EQ setting to default. Tap top/bottom/middle of the EQ slider for immediate position setting.

## Volume/ track FX

Tap the VOL button to bring up the track volume / FX amount sliders.

## Cue/Loop tracks



Set the Cue/Loop marks by pressing the buttons when appropriate. Turn Loop mode on/off by tapping. Tap Clear once to clear the Loop mark and one more time to clear the Cue mark. Press Rew button on the transport panel to return

to the Cue mark, FF button to move to the Loop mark.

Important: You can fine-adjust the Cue/Loop marks by tapping Cue/Loop buttons AND the +/- buttons on the opposite track.

## Main Menu

### Accessing Main Menu



Press the small green circle to access Main Menu.

### Global Pitch

Use these buttons if you have two beatmatched tracks and you need to speed them up / slow them down simultaneously.

### Effect: Spin, Break

Tap and hold Spin buttons to hear the effect. The Break button needs only a single tap. The effects work only with playing tracks.

### Samples

Tap the sample buttons (or the Touch DJ logo) to play the samples. Go to Setup menu to customize the 3 sample slots.

### Extras, Twitter, Facebook

Touch DJ comes with bundled tracks, but some of them are "locked" by default. By using the features in Twitter/Facebook menus, you will both help to promote Touch DJ and unlock the tracks.

## Setup

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### Accessing Setup

From the Main Menu, tap Setup (top right button)

### Split L/R mixing

Since iPhone has only 1 stereo output, there is no way to connect extra headphones for cueing tracks. Thus Touch DJ offers new style of mixing: “visual mixing”, when you can “listen” to the track by looking at it’s waveform image. However, by activating this mode, you will forward the master output to the left channel, and the cue output to the right channel. The cue source is selected automatically (opposite to what is playing as master). You will need a special L/R splitting adapter for this mode. Note that this mode involves an extra audio buffer and is slower than the default visual mode, thus iPhone 3Gs is very recommended.

### XFader Curve

Choose the crossfader curve that suits your music and playing style. Note that after selecting the curve, you have to move the crossfader to activate it.

### Pinch sensitivity

This slider controls the amount of the pitch change when a pinch gesture on the waveform is performed.

### Dip correction

This slider controls the amount of the volume increase when the crossfader gets closer to the center.

### Stop-proof Lock

Turn this on to prevent your tracks from accidental stops (fingertaps) - in order not to ruin the mix

### Seek speed

The speed of seeking using the TempoBend arrows in the Pause mode.

### Hide Factory tracks

You will be able to hide the factory tracks once you upload your MP3 files through the AmidioSync programs.

### Samples

Choose the samples for the slots, record your own voice or upload them through the TouchDJ Sync program (only 16bit 44.100 Mono .WAV samples are accepted)

### Important links

<http://amidio.com>

<http://dancemusicclub.com>

e-mail: [support@amidio.com](mailto:support@amidio.com)