

Pro Keys for iPad

user manual

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Introduction

Play, sing, record – track by track.

Pro Keys is a multi-instrumental polyphonic keyboard created exclusively for iPad.

Application features unique and truly playable interface with two independent piano/drum keyboard modules and 18 studio quality presets (12 instruments, 6 drum kits).

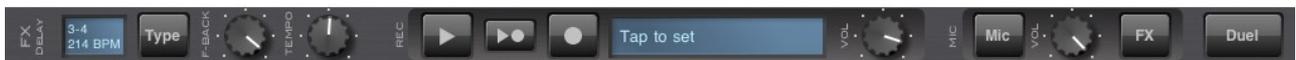
Additional features like overdubbing, loop player and vocal recorder make it a perfect tool for song writers, beatboxers or just for fun.

Mirrored keyboard (duel) mode enables you to play with a friend sitting opposite to you.

Panel overview



Piano / Drum keyboard A



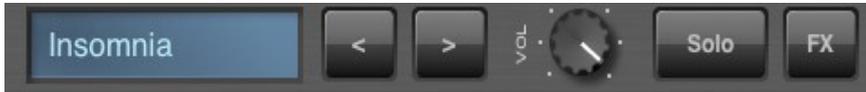
Transport panel / FX panel



Piano / Drum keyboard B

The Pro Keys screen is divided into three sections : two virtual keyboards/drumpads and a transport / fx panel located in the middle.

1. Instrument and keyboard configuration



To select an instrument use arrow buttons or tap on a blue display to pick from a presets list.

The piano keyboard will be automatically changed to drumpads when you select a drum kit.

Use a volume knob located next to the arrow buttons to control the volume of the instrument.

1.1 Piano keyboard modes

The Pro keys piano keyboards work in two different modes.

In the **monophonic** mode it is possible to play only one note at a time, where the **polyphonic** mode allows playing chords (which may consist of 3, 4 and more different notes).

The keyboard is in **monophonic** mode when the [Solo] button located next to volume knob is highlighted. Press [Solo] button to switch between these two modes.

When the keyboard is working in mono mode, one can add a musical effect, called **glissando**, to one's play. In music glissando is a continuous glide from one tone to another.

Switch the keyboard to the monophonic mode. Press any key to trigger a note and while holding it press another one. In other words, another note can be triggered while the first one is still playing.

You will hear that one tone changes smoothly into another one. Also you can try playing glissando with three or more consecutive notes.

1.2 Pitchbend controller

To display a pitchbend controller tap on the [Pitch] button located next to an instrument's name display.

The pitchbend parameter let you to vary the pitch in a continuously variable manner. Move it up or down with your finger to transpose the sounds that you play.

To hide the controller simply tap on the [Pitch] button again.

1.3 Shifting, scaling and rotating the keyboard.



Use a horizontal bar to shift the piano keyboard to left or right direction.

Press the [Big] button to switch between normal and large keyboard sizes.

To hide the upper configuration panel simply press the [Panel] button.

When the panel is not visible your keyboard is getting bigger.

Optionally you can rotate one of the keyboards upside down.

This will let you to play with a friend sitting opposite to you!

To do this tap the [Duet] button located on the right in the middle of the screen.

1.4 Adding a delay effect

To add a delay effect to your instrument press the [Fx] button.

Next configure the delay effect unit using buttons and knobs located in the effects panel.

2. FX panel



There are three independent parameters that let you configure the effect.

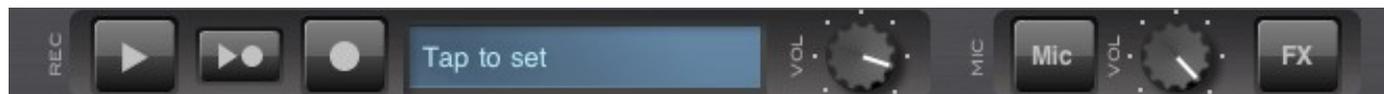
Delay type - determines the pattern and time in which gaps between stereo echoes appear. Press the [Type] button to switch between different delay patterns.

F-back (feedback) - let you to adjust how much of the signal generated by the effect will be routed back to the delay unit. In other words this parameter will determine how many echoes will be generated. If it is set to 0, you will hear only one echo of the original sound.

Tempo - allows to synchronize the delay unit with an original tempo of your play.

For example, if you play the drumloop recorded in 125 BPM (beats per minute) set the tempo value to 125 to make the echoes match the rhythm.

3. Transport panel



The transport panel is located in the middle of Pro Keys screen.

This section allows to perform various operations like playing loops, live recording to loops and sampling external sounds (like vocal) via a built-in microphone.

3.1 Playing loops

The loop player located in the transport panel allows to play previously recorded or imported loops.

- Tap the blue display and pick a sound file that you want to play.
- Tap the [Play] button to start the loop. Tap it again to stop.

Notice that the filenames of original Pro Keys loops contain a number which is a value of a loop's tempo. For example, when you load a '71 hiphop beat' loop and set the delay tempo to 71 bpm the echoes that come from a delay unit will be matched with the rhythm of that loop.

3.2 Recording your play

Pro keys allows you to play on the keyboard and record at the same time. It is also possible to play and record when a loop is being played in the background.

- Press the [Record] button to start recording. Since now every sound is being recorded.
- Optionally press the [Play] button to start the loop player when recording is in progress.
- Press the [Record] button again to stop and save your recording to a sound file.

If you want to start the recording and the loop player synchronously, tap the [Play&Record] button located between [Play] and [Record] buttons.

If you want to stop both the recorder and the loop player at the same time, press the [Play&Record] button again.

By default the filename includes current date and time. This can be changed by tapping on the name of loop. Press the '**Save as**' button to store your recording in the iPad's memory.

If you are not satisfied with your work and do not want to save it, simply tap '**Dismiss**'.

After saving, your recording will be automatically loaded into the loop player.

Press [Play] button to listen to it.

3.3 Overdubbing

Overdubbing is an option that let you to save your recording to the file which has been previously loaded into the loop player.

Perform the following instructions to see how it works.

- Pick a drum kit from an instrument list (for example '909 kit').
- Press the [Record] button and play a sequence of sounds.
- Press the [Record] button again to stop the recording.

- Enter a new filename – 'Test song' and tap '**Save as**'.

Your recording will be saved to the **Test song.wav** file and automatically loaded into the loop player.

Now we want to add some piano sounds to this loop.

- Pick a 'Grand piano' preset.
- Press [Play&Record] button to start both the recorder and the loop player and play some notes on the piano keyboard.
- Press [Play&Record] button to stop the recording.

As you see now you can save your new recording (drums with piano) to a new sound file or overwrite the file previously loaded to the loop player.

If you tap 'Overdub' the last version of file **Test song.wav** (drums only) will be replaced with a new file **Test song.wav** (drums with piano). **Notice that this process is irreversible.**

3.4 Recording via a built-in microphone

Pro Keys allows to record samples by using an iPad's built-in microphone.

It is necessary to use headphones during the recording to avoid interference with the sound that comes from your device.

→ Plug the headphones to your iPad.

→ Tap on the [Mic] button and use a knob on the right to adjust the level of the sound that comes from a microphone.

→ Optionally press the [FX] button located next the the volume knob if you like to add the delay effect to a microphone signal.

Now you are ready to record the voice and your play at the same time!

4. Waves manager

The waves manager lets you to manage your loops and send sound files between iPad and a desktop computer or a laptop using a Wi-Fi connection.

4.1 Opening loops

- Tap on the blue display located in the transport panel to open the waves manager.
- Select a loop that you want to play from a list.

4.2 Renaming a loop

- Open the waves manager.
- Tap the blue arrow button located next to the loop's name to change its name.
After typing a new name hit **Done** on the virtual keyboard.

4.3 Deleting a loop

- Open the waves manager and press the [Edit] button.
- Tap on the red sign located next to the loop's name and press the [Delete] button.
Next hit **Done**.

4.4 Importing / Exporting loops

Your iPad must be connected to your Wi-Fi network.

- Tap on the [Wi-Fi] button.
- Open a web browser on your desktop computer or laptop and type an address displayed on your iPad's screen (it should look like <http://192.168.1.101:49167>).

Your web browser will list all sound files recorded in the Pro Keys.
You can now download and upload new files.

The only acceptable format for Pro Keys is WAV 44.1 khz/16bit/stereo.

Customer support

Feel free to ask questions and post suggestions. To send us an email simply use a message form located on <http://www.beepstreet.com>

or visit BeepStreet forum on <http://www.beepstreet.com/forums/?page=forums>.