



Mobile Keys 25 & 49

Pilot's Handbook

Manuel de pilotage

Pilotenhandbuch

Pilotenhandboek

Manual del Piloto

取扱説明書

**See <http://line6.com/mobilekeys>
for more information**

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Congratulations on your purchase of Line 6's Mobile Keys! With its premium quality feel and design, low power consumption, and broad device compatibility, Mobile Keys 25 and 49 note keyboard controllers are the ideal choice for all mobile and computer-based music performance and composition needs. This manual covers the basic operation and usage of Mobile Keys. We recommend checking in at <http://line6.com/mobilekeys> for any additional information or updates.

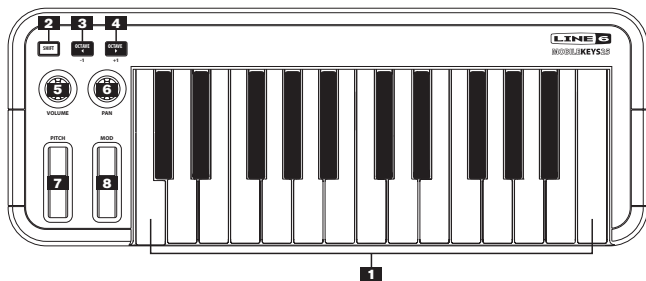
Mobile Keys features include:

- Works with iPod touch (3rd & 4th Generation) iPhone 4, iPhone 3GS, iPad 2, and iPad
- Compatible with any CoreMIDI app, including GarageBand
- Works with Mac and PC computers as a class compliant USB MIDI input device
- Low power (less than 100mA) for direct powering from iOS device or low power USB host ports
- Premium, full-sized, velocity and release velocity sensitive keyboard
- High quality, rugged and attractive design
- Pitch and Modulation performance wheels
- Volume and Pan controller knobs
- Sustain and Expression pedal input jacks (pedals sold separately)
- Wide ranging octave transposition, plus semitone transposition
- Selectable keyboard velocity feel

Compatibility

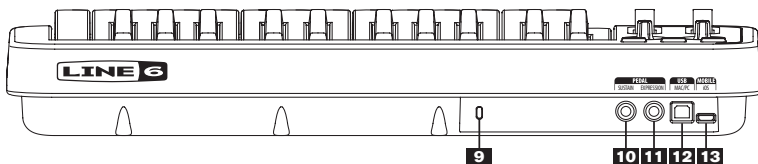
Mobile Keys works with one host device at a time. Use either the iOS connector or the Mac/PC connector, don't use both hosts at once. For iOS devices, CoreMIDI requires iOS version 4.2 or higher. For Macs, OS X version 10.4 or higher is recommended. For PCs, Windows XP or higher is recommended. Also compatible with low power USB host ports and bus-powered USB hubs (current draw less than 100 mA).

FRONT PANEL



1. **Keyboard** – 25 or 49 full size velocity sensitive keys
2. **SHIFT Button** – Accesses **SHIFT** functions – See **Advanced Operation** section
3. **OCTAVE < Button** – By default, transposes keyboard down one octave. With **SHIFT** pressed, transposes keyboard -1 semitone
4. **OCTAVE > Button** – By default, transposes keyboard up one octave. With **SHIFT** pressed, transposes keyboard +1 semitone
5. **VOLUME Knob** – By default, controls volume with MIDI controller 7*
6. **PAN Knob** – By default, controls stereo pan position with MIDI controller 10*
7. **PITCH Wheel** – By default, bends note pitch with MIDI Pitch Bend message
8. **MOD Wheel** – By default, controls modulation amount with MIDI controller 1*

REAR PANEL



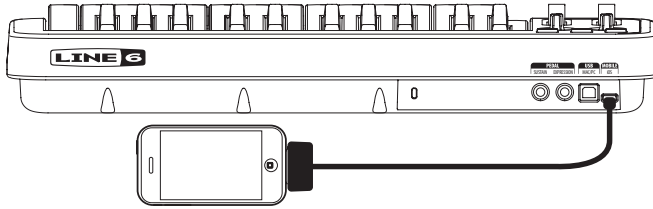
9. **Kensington Lock** – To secure a Mobile Keys unit, attach a Kensington Lock here.
10. **Sustain Input** – Connect a standard sustain footswitch for sustain control with MIDI controller 64* (Auto-sensing jack supports both ‘normally open’ and ‘normally closed’ footswitches)
11. **Expression Input** – Connect a standard continuous pedal for expression control with MIDI controller 11*
12. **USB** – To use Mobile Keys with a Mac or PC, connect a standard USB A-B cable here.
13. **Mobile** –To use Mobile Keys with an iPod touch, iPhone, or iPad, connect the supplied cable here.

*Exact effect of MIDI messages depends on app and instrument design. Default MIDI controller numbers can be reassigned using **SHIFT** settings.

GETTING STARTED

iOS:

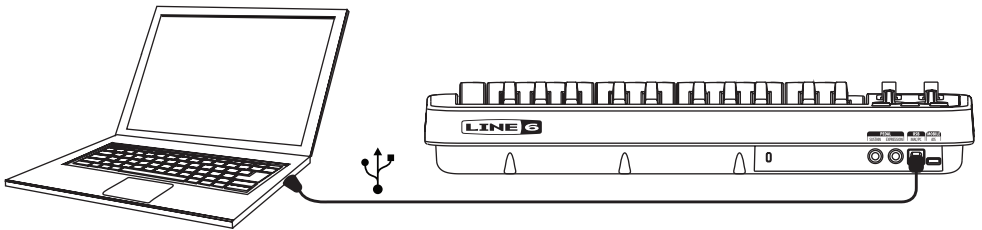
1. Check your iPod touch, iPhone, or iPad to be sure the latest version of the iOS operating system is installed.
2. In order to receive firmware updates, you'll need our free app **MIDI Memo Recorder**. Search for it by name on the App Store, then "Buy" and install it. **MIDI Memo Recorder** also lets you easily make simple Standard MIDI File recordings, play them back, and share them via email or iTunes File Sharing.
3. Connect the supplied cable between the **MOBILE** connector on your Mobile Keys unit and the 30-pin dock connector on your iPod touch, iPhone, or iPad.



4. Launch the MIDI app of your choice – for example, GarageBand for iPad – then select a keyboard instrument, and start playing. Mobile Keys works as a MIDI input source for any app that accepts CoreMIDI, the standard iOS method for MIDI input.

MAC or PC:

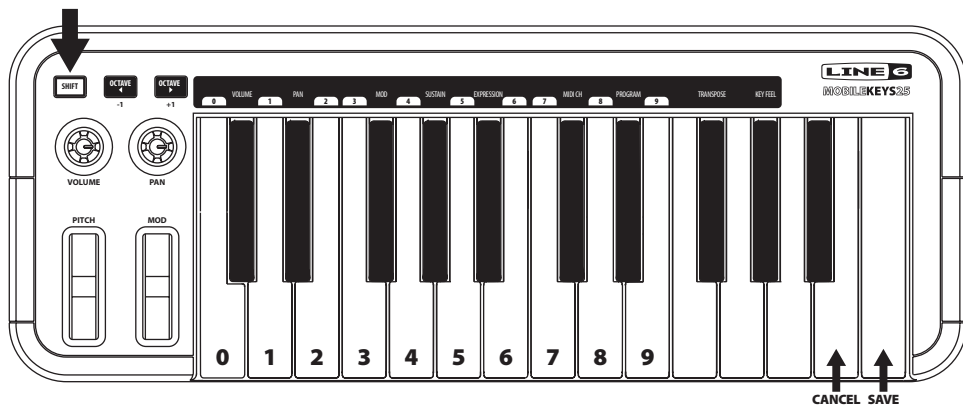
1. Check your Mac or PC to be sure the latest version of the Mac OS X or Windows operating system is installed.
2. If you don't use your Mobile Keys unit with an iOS device, then visit <http://line6.com/software> and select "Mobile Keys" to locate and download software to update the Mobile Keys firmware if a newer version is available.
3. Connect a standard USB A to USB B cable (not supplied) between the USB connector on your Mobile Keys unit and the USB connector on your Mac or PC.



4. Launch the MIDI app of your choice, for example GarageBand for Mac OS X, select a keyboard instrument, and start playing.
 - On a Mac, Mobile Keys works as a MIDI input source for any app that accepts CoreMIDI, the standard Mac method for MIDI input.
 - On a PC, it may be necessary to install MIDI drivers for the music apps you wish to use. Please check with the maker of your chosen app.

ADVANCED OPERATION

Pressing a black key on the keyboard while holding the **SHIFT** button down provides access to several advanced settings. If these are used often, the included sticker can be placed above the lowest octaves of the keyboard as a reminder of these features:



Mobile Keys remembers which function was last selected, so that the **SHIFT(+1)** and **SHIFT(-1)** buttons (**OCTAVE <** and **OCTAVE >** buttons while holding **SHIFT**) can be used to increment or decrement the current function without having to reselect it. The default selected function is Transpose, allowing the keyboard to be shifted up and down in semitones using the **SHIFT(+1)** and **SHIFT(-1)** buttons.

Saving Shift Settings

Every time the Mobile Keys unit is powered on, all **SHIFT** settings are returned to the last saved values, or to the default values if new settings have never been saved.

To save the current **SHIFT** settings:

1. Press and hold the **SHIFT** button
2. Press the high C key to select the Save function
3. Release the **SHIFT** button. See [Note] below.

Restoring Factory Default Shift Settings

To return all **SHIFT** settings to the factory default values:

1. With Mobile Keys not connected to any host device, press and hold the **SHIFT** button
2. Power-on the Mobile Keys unit by connecting it to an iOS or USB host that is turned on
3. Press any numeric white key (*see diagram*)
4. To restore the factory default settings, release the **SHIFT** button. See [Note] below.

Numeric Entries

For most **SHIFT** settings, the lowest 10 white keys can be used for 0-9 numeric entry (*see diagram*). The number is entered when the **SHIFT** button is released. See [🔊**Note**] below.



Examples

To enter 0: Hold the **SHIFT** button, press and release the low **C key** (0), then release the **SHIFT** button.

To enter 12: Hold the **SHIFT** button, press and release the low **D key** (1) and then the low **E key** (2), then release the **SHIFT** button.

To enter 115: Hold the **SHIFT** button, press and release the low **D key** (1), the low **D key** (1), and the low **A key** (5) in that order, then release the **SHIFT** button.

🔊**Note:** Any time the **SHIFT** button is being held:

- Pressing the high **B key** (Cancel) erases any entered digits
- Pressing the high **C key** (Save) stores all **SHIFT** settings when **SHIFT** is released.
- Pressing the **-1** button decrements the current function's value (subtracts 1)
- Pressing the **+1** button increments the current function's value (adds 1)
- Pressing the **-1** and **+1** buttons simultaneously resets the current function's value to its default value

Controller Assign

The Volume knob, Pan knob, Mod wheel, Sustain pedal, and Expression pedal can be set to transmit any MIDI controller number. The default MIDI controller number setting for each source is:

Volume	Pan	Mod	Sustain	Expression
7	10	1	64	11

To change the MIDI controller number setting for a source:

1. Press and hold the **SHIFT** button
2. Press and release one of the lowest five black keys to select the source you want to change (*see diagram*).
3. Enter a MIDI controller number in the range 0-127 using the white keys
4. Release the **SHIFT** button to set the MIDI controller number for the selected source. See [🔊**Note**] above.

Set MIDI Channel

The default MIDI Channel number is 1. To change the MIDI Channel setting:

1. Press and hold the **SHIFT** button
2. Press the second **C# key** to select the MIDI Channel function
3. Enter a MIDI channel number in the range 1-16 using the white keys
4. To change the MIDI channel, release the **SHIFT** button. See [🔊**Note**] above.

Send MIDI Program Change

The default MIDI Program number is 1. To change the MIDI Program number setting:

1. Press and hold the **SHIFT** button
2. Press the second D# key to select the MIDI Program Change function
3. Enter a MIDI program number in the range 1-128 using the white keys
4. To send the MIDI Program Change message, release the **SHIFT** button. See [🔊Note] above.

Set Transpose

The semitone and octave transpose settings both contribute to the total transposition. The default semitone transpose setting is 0. Positive values transpose up and negative values transpose down. To change the semitone transpose setting:

1. Press and hold the **SHIFT** button
2. Press the second **F#** key to select the Transpose function
3. Release the **SHIFT** button
4. Now use **SHIFT (+1)** and **SHIFT(-1)** to transpose the keyboard. See [🔊Note] above.

Set Key Feel (Velocity Curve)

Mobile Keys offers a choice of ten different Key Feels for different playing styles (also known as 'velocity curves'). Key Feel 0 is the softest and Key Feel 10 is the hardest/loudest. The default Key Feel is 5 (Medium). To change Key Feel:

1. Press and hold the **SHIFT** button
2. Press the second **G#** key to select the Key Feel function
3. Enter a Key Feel number in the range 1-10 using the white keys
4. Release the **SHIFT** button. See [🔊Note] above.

Warranty

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Visit us at <http://line6.com/account/registergear> to register your purchase. Registering your purchase qualifies you for special offers and is required for any technical support inquiries.

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