SAMSON®

Graphite M32

USB MIDI CONTROLLER

Quick Start Guide

Introduction

Thank you for purchasing the Samson Graphite M32, compact USB keyboard controller! The Graphite M32 gives you the performance and production control to easily integrate with Windows or Mac digital production workstations. The keyboard can also be powered directly by an Apple iPad (using the Apple iPad Camera Connection Kit or Lightning to USB Camera Adapter, not included), and can be used to control many iOS MIDI apps, like GarageBand. The Graphite M32 features a 32-key velocity-sensitive keyboard, an assignable Data fader, a Volume knob, pitch bend and modulation strips. To take full advantage of the assignable functions, you will need to download the free Graphite M32 editor from the Samson website (www.samsontech.com).

In these pages, you'll find a detailed description of the features of the Graphite M32 keyboard controller, as well as a guided tour of its control panel, and instructions for setup and use. You'll also find a warranty card enclosed. Please don't forget to fill it out and mail it in so that you can receive online technical support, and so that we can send you updated information about this and other Samson products in the future.

We recommend you record your serial number in the space provided below, for future reference.

Serial number: _____

Date of purchase: _____

With proper care and maintenance, your Graphite M32 will operate trouble-free for many years. Should your keyboard ever require servicing, a Return Authorization (RA) number must be obtained before shipping your unit to Samson. Without this number, the unit will not be accepted. Please call Samson at 1-800-3SAMSON (1-800-372-6766) for an RA number prior to shipping your unit. Please retain the original packing materials and, if possible, return the unit in its original carton. If your Graphite M32 was purchased outside of the United States, contact your local distributor for warranty details and service information.

Features

The Samson Graphite M32 utilizes state-of-the-art technology and is engineered to the finest detail. Here are some of its main features:

- 32-key velocity-sensitive keyboard
- Volume knob and Data slider
- Pitch Bend and Modulation ribbon strips
- CC Mode to set keys to send control change messages
- Program mode for sending program change information
- Compact design, perfect for live performance and studio applications
- Dedicated Octave up, Octave down, and Sustain buttons
- USB plug and play and bus powered

System Components

- Samson Graphite M32 USB Keyboard
- One (1) USB Cable
- Graphite M32 Owner's Manual

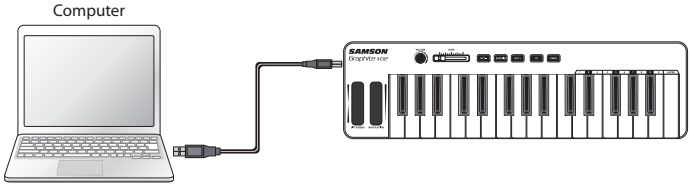
Minimum System Requirements

Windows (PC)
- Windows XP/Vista/Win 7/Win 8
- 800MHz or higher, 256MB RAM or larger, USB port

Mac OS
- Mac OS X 10.4.9 or higher
- 733MHz or higher, 512MB RAM or larger, USB port

Apple iPad
- iOS v4.2 or higher

Quick Start



1. Connect the Graphite M32 to your computer or iPad* using the supplied USB cable. The unit will receive power and transmit MIDI data via the USB connection.

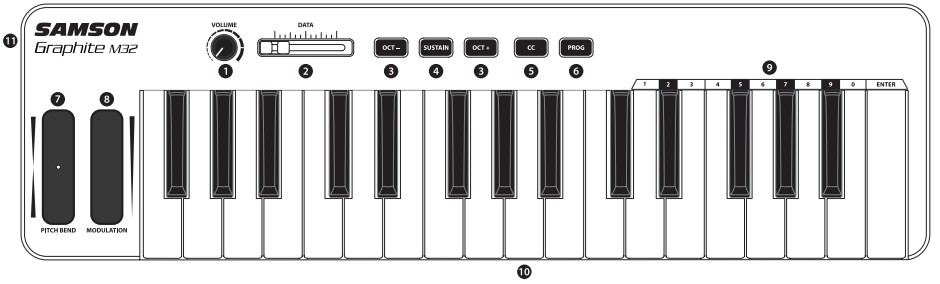
   If the Graphite M32 is connected to a non-powered USB hub, it may not receive enough power to turn on. It is recommended that you connect the Graphite M32 directly to your computer or to a powered USB hub.

2. Launch your DAW or virtual instrument software.

3. Set the Graphite M32 as the MIDI Input and MIDI Output device.

**To connect directly to an iPad, you will need to use the Apple iPad Camera Connection Kit or Lightning to USB Camera Adapter (not included).*

Front Panel Controls and Functions



1. **VOLUME Knob -** This knob is preset from the factory to send MIDI volume (CC #7) messages. The VOLUME knob can be assigned to control different MIDI parameters using the computer editor.

2. **DATA Slider -** This slider is preset from the factory to send MIDI pan (CC #10) messages. The DATA slider can be assigned to control different MIDI parameters using the computer editor.

3. **OCTAVE +/– Buttons -** Press the OCTAVE buttons to shift the octave of the keyboard up or down a maximum of four octaves, to extend the range of the keyboard. Each time you press the OCTAVE button, the range of the keyboard shifts up or down 12 notes. The buttons blink progressively faster as the keyboard's octave shifts in each direction. Press both buttons to set the keyboard to the default range.

4. **SUSTAIN Button -** Press this button to sustain (hold) currently held notes. Release the button to stop notes from being held.

5. **CC Button -** When pressed, the keyboard sends a control change message. The CC button can be assigned using the Graphite M32 computer editor.

6. **PROG Button -** Press this button to send program change information via the Function keys (0–9). Press the key labeled ENTER to send the desired program change message. When the PROG button is pressed, the button lights red and the keys will not send note information.

7. **PITCH BEND Ribbon Strip -** Slide your finger to raise or lower the pitch of notes played on the keyboard.

8. **MODULATION Ribbon Strip -** Slide your finger to send modulation messages. Modulation is usually used to add vibrato or other expressive effects to a sound being played.

Front Panel Controls and Functions

9. **Function Keys -** In PROG mode, the last 11 keys of the keyboard are assigned to numerical digits (0–9), and ENTER. To Send a program change message, press the PROG button, then enter the program number by pressing the numbered keys. When the program number is entered, press the ENTER key to transmit the program number information. The Graphite M32 will exit the program mode, and the Function keys will transmit note information.

10. **Keyboard -** 32-note velocity sensitive keyboard.

11. **USB Connection -** Connect the included USB-mini cable from this port to the USB connection on a computer to provide power to the keyboard, as well as to send and receive MIDI data.

Editing Parameters

The Graphite M32 features controls which settings can be customized using the Graphite M32 computer editor, which can be found on the Samson website (www.samsontech.com). The following information outlines the available parameters for each control that can be adjusted.

Assignable Volume Knob
Control Change: Sets the control change number that the knob will transmit.
MIDI Channel: Sets the specific MIDI channel that the knob will use to transmit data.

Assignable Data Slider
Control Change: Sets the control change number that the slider will transmit.
MIDI Channel: Sets the specific MIDI channel that the encoder will use to transmit data.

Modulation Strip
Control Change: Sets the control change number that the Modulation strip will transmit.
MIDI Channel: Sets the specific MIDI channel that the Modulation strip will use to transmit data.

CC Button
Control Change: Sets the control change number that the CC keys will transmit.
MIDI Channel: Sets the specific MIDI channel that the CC keys will use to transmit data.
Value: Sets the control change value the button will transmit.

Specifications

Keyboard	32-key, semi-weighted, velocity sensitive
Controls	Volume Knob Data Slider, Octave +/- buttons, Pitch Bend Ribbon Strip, Modulation Ribbon Strip
Operation Controls	SUSTAIN, CC Mode, PROG
Functions Keys	0-9, Enter
MIDI	MIDI over USB
Power	USB Bus Power
Accessories	USB Cable
Dimensions	17.36” x 4.8” x 1.65” 441 mm x 122 mm x 42 mm
Weight	1.32 lbs .6 kgs