

Nektar Impact GX61

Nektar IMPACT GX61 USB MIDI Keyboard Controller User Manual

Model: IMPACT GX61

1. INTRODUCTION

This manual provides detailed instructions for the setup, operation, maintenance, and troubleshooting of your Nektar IMPACT GX61 USB MIDI Keyboard Controller. Please read this manual thoroughly to ensure proper use and to maximize the functionality of your device. Retain this manual for future reference.

2. PRODUCT OVERVIEW

The Nektar IMPACT GX61 is a 61-key velocity-sensitive USB MIDI keyboard controller designed for seamless integration with Digital Audio Workstations (DAWs). It features a compact design, robust build quality, and essential controls for music production.



Figure 2.1: Top view of the Nektar IMPACT GX61 MIDI Keyboard Controller, showcasing its 61 full-size keys and control panel on the left.

Compact. Powerful. Control.



**61 Velocity Sensitive Keys
(Full-size Keys)**



**Nektar's Renowned Build
Quality**



Award Winning DAW Control



Easy Connectivity

Figure 2.2: An overview highlighting key features of the IMPACT GX61, including its 61 velocity-sensitive full-size keys, Nektar's build quality, advanced DAW control capabilities, and straightforward connectivity options.

Key Features:

- 61 full-size, velocity-sensitive synth-action keys.
- Dedicated transport controls for DAW navigation.
- 7 assignable buttons for custom MIDI messages.
- Pitch bend and modulation wheels.
- Assignable footswitch input.
- Nektar DAW Integration for major DAWs.
- USB class compliant for Mac, Windows, and iOS.

3. SETUP

Follow these steps to set up your Nektar IMPACT GX61 controller.

3.1 System Requirements

- **Operating System:** Windows XP or higher, Apple OSX, Apple iOS, Linux (MIDI driver software may be required).
- **Hardware:** Available USB port. For iOS devices, an Apple iPad Camera Connection Kit (sold separately) is required.

3.2 Connecting the Controller

1. Connect one end of the supplied USB cable to the USB port on the rear of the IMPACT GX61.
2. Connect the other end of the USB cable to an available USB port on your computer (Mac/PC) or to the Apple iPad Camera Connection Kit for iOS devices.
3. The IMPACT GX61 is USB class compliant and does not require additional drivers for basic functionality on most operating systems. Your system should automatically recognize the device.



Figure 3.1: Side view of the Nektar IMPACT GX61, illustrating the USB connection port and indicating compatibility with USB Class Compliant devices, Windows OS, Mac OS, and iOS (via Camera Connection Kit).

3.3 Software Installation (Bitwig 8-Track)

Your IMPACT GX61 includes a license for Bitwig 8-Track DAW software. Follow the instructions provided with

your product to download and activate this software. Bitwig 8-Track provides a powerful platform for music creation and integrates seamlessly with your Nektar controller.

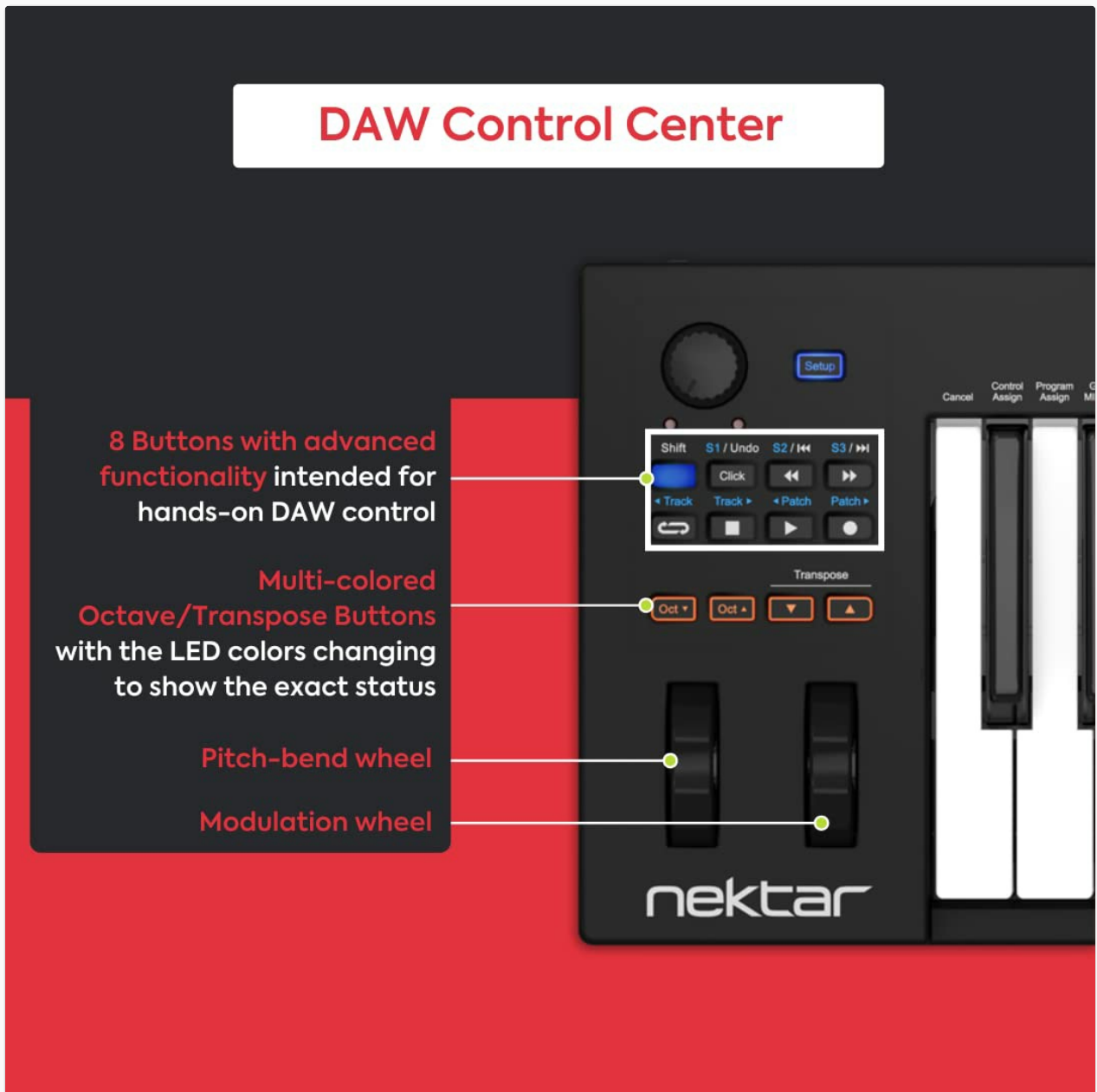


Figure 3.2: The Nektar IMPACT GX61 shown alongside the Bitwig 8-Track software box and its distinctive logo, indicating the included software bundle.

4. OPERATING INSTRUCTIONS

This section details the primary functions and controls of the IMPACT GX61.

4.1 Keyboard Keys

The 61 full-size keys are velocity-sensitive, meaning the volume or intensity of the sound produced will vary based on how hard or soft you press the keys. This allows for expressive musical performance.

4.2 Pitch Bend and Modulation Wheels

- **Pitch Bend Wheel:** Located on the left side of the control panel, this wheel allows you to temporarily

raise or lower the pitch of notes for expressive effects. It typically springs back to the center position.

- **Modulation Wheel:** Also on the left, this wheel can be assigned to control various parameters in your software, such as vibrato, filter cutoff, or tremolo. It stays in the position you set it.

4.3 Octave and Transpose Buttons

The dedicated Octave Up/Down and Transpose Up/Down buttons allow you to shift the keyboard's pitch range. The multi-colored LED indicators show the current octave or transpose status.

4.4 Transport Controls and Assignable Buttons

The IMPACT GX61 features dedicated transport controls (Play, Stop, Record, Rewind, Fast Forward) for controlling your DAW. Additionally, there are 7 assignable buttons that can be configured to send specific MIDI messages, offering hands-on control over various software functions.

The advertisement features a black and white Nektar IMPACT GX61 MIDI controller keyboard with a laptop displaying a DAW interface in the background. The text 'Nektar's Award Winning DAW Integration' is prominently displayed in red. Below this, it states 'Nektar's DAW Integration offers unmatched control of your favorite DAWs!'. The keyboard is shown with its various controls, including a pitch-bend wheel and a modulation wheel. At the bottom, a section titled 'COMPATIBLE WITH' lists logos for several DAWs: Ableton Live, Cubase, Digital Performer, FL Studio, GarageBand, Logic Pro X, Pro Tools, Reason, Studio One, and SONAR.

Figure 4.1: A detailed view of the Nektar IMPACT GX61's DAW Control Center, highlighting the 8 buttons with advanced functionality, multi-colored Octave/Transpose buttons, Pitch-bend wheel, and Modulation wheel.

5. DAW INTEGRATION

Nektar's custom DAW integration provides enhanced control over popular Digital Audio Workstations, allowing you to navigate projects, control transport, and manage tracks directly from your IMPACT GX61.



Figure 5.1: The Nektar IMPACT GX61 positioned in front of a laptop displaying a Digital Audio Workstation interface, with a graphic highlighting Nektar's award-winning DAW integration and logos of various compatible DAWs.

Compatible DAWs include:

- Bitwig Studio
- Cubase
- Digital Performer
- FL Studio
- GarageBand
- Logic Pro X
- Nuendo

- Reason
- Reaper
- Studio One
- Cakewalk SONAR

For specific setup instructions for your DAW, please refer to the Nektar website or the software's documentation.

6. MAINTENANCE

Proper care and maintenance will extend the life of your Nektar IMPACT GX61.

- **Cleaning:** Use a soft, dry cloth to clean the surface of the controller. For stubborn dirt, a slightly damp cloth can be used, but ensure no moisture enters the device. Avoid abrasive cleaners or solvents.
- **Storage:** Store the controller in a clean, dry environment away from direct sunlight, extreme temperatures, and excessive dust.
- **Handling:** Avoid dropping the unit or subjecting it to strong impacts. Do not place heavy objects on the keys or controls.

7. TROUBLESHOOTING

If you encounter issues with your IMPACT GX61, refer to the following common problems and solutions.

Problem	Possible Cause	Solution
No sound or MIDI signal	Incorrect USB connection; DAW not configured correctly; volume levels too low.	Ensure USB cable is securely connected. Verify the IMPACT GX61 is selected as a MIDI input device in your DAW's preferences. Check master volume and track volume levels in your DAW.
Keys not responding or inconsistent velocity	Dust or debris under keys; incorrect velocity curve setting.	Gently clean around the keys. Refer to the Nektar documentation for adjusting velocity curves on the device. If the issue persists, contact support.
Pitch bend or modulation wheel malfunctioning	Dust accumulation; physical damage.	Attempt to gently clean around the wheel. Avoid forcing the wheel. If the issue persists, contact Nektar support as internal cleaning or replacement may be required.
DAW integration not working	Incorrect DAW setup; outdated firmware/software.	Ensure you have installed the correct Nektar DAW integration files for your specific DAW. Check for firmware updates for the IMPACT GX61 and software updates for your DAW. Restart your computer and controller.

If the problem persists after attempting these solutions, please contact Nektar customer support.

8. SPECIFICATIONS

- **Product Dimensions:** 96.5 x 17.8 x 5.1 cm
- **Item Weight:** 2 kg
- **Model Number:** Impact GX61
- **Color:** Black
- **Number of Keyboard Keys:** 61
- **Key Type:** Velocity-sensitive, full-size synth-action
- **Connectivity Technology:** USB
- **Hardware Interface:** USB
- **Compatible Devices:** Laptop, PC/Mac/iOS
- **Supported Software:** Apple iOS, Apple OSX, Windows XP or higher, Linux (MIDI driver software required)
- **Included Components:** USB Cable, User Manual
- **Country of Origin:** China

9. WARRANTY AND SUPPORT

For warranty information and technical support, please contact the manufacturer or authorized service center.

Manufacturer:

Nektar

Importer/Service Contact:

The Inventory

Old No.102/ New No.145, Luz Church Road,
Mylapore, Chennai - 600 004,
Tamilnadu, India.

General/Service Email: info@theinventory.in

Contact Number: +91-44-42026415

Related Documents

	Nektar Impact GX49 & GX61 FL Studio User Guide A user guide for setting up and using the Nektar Impact GX49 and GX61 MIDI controllers with FL Studio, detailing installation, button functions, and volume control.
	Nektar Impact LX88 MIDI Keyboard Troubleshooting Guide This guide provides troubleshooting steps for velocity issues encountered with the Nektar Impact LX88 MIDI Keyboard, including procedures for resetting the device and adjusting velocity curves.
	Nektar Impact LX88+ Bedienungsanleitung Bedienungsanleitung für das Nektar Impact LX88+ MIDI-Controller-Keyboards, die Einrichtung, Funktionen, DAW-Integration und Anpassungsmöglichkeiten abdeckt.
	Nektar SE25 Owner's Manual: Features, Setup, and Operation Comprehensive guide to the Nektar SE25 MIDI controller keyboard, covering setup, features like Part Two and Global Settings, and button assignments for music production.

Documents - Nektar – Impact GX61

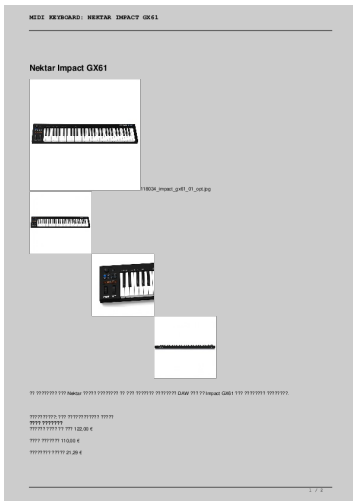


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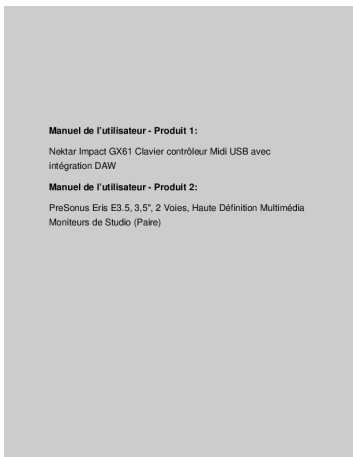
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Manuel de l utilisateur - Produit 1: Nektar Impact GX61 Clavier contrleur Midi USB avec intgration DAW Manuel de l utilisateur - Produit 2: PreSonus Eris E3.5, 3,5 , 2 Voies, Haute Dfinition Multimdia Moniteurs de Studio Paire [wwwwww..nnekktaartretcehc.hco.mcom](http://www.nnekktaartretcehc.hco.mcom) Nektar Impact GX49 GX61 User G... lang:en **score:28** filesize: 3.23 M page_count: 25 document date: 0000-00-00



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[SynthRISE Adapt Stand Compatibility Guide for Electronic Music Gear](#)

A comprehensive guide detailing the compatibility of various electronic music gear with SynthRISE Adapt stands, including specific model recommendations and fitting notes.

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