

Native Instruments Maschine Plus

Native Instruments Maschine Plus User Manual

Standalone Production and Performance Instrument

1. INTRODUCTION

This manual provides essential information for setting up, operating, maintaining, and troubleshooting your Native Instruments Maschine Plus. The Maschine Plus is a standalone production and performance instrument designed for creating beats, melodies, and arrangements without the need for a computer. It combines a powerful sampler, arranger, mixer, and effects unit into a single, intuitive hardware device.

2. CONTROLS AND INTERFACE

The Maschine Plus features a comprehensive layout of controls, displays, and pads designed for an efficient workflow. Familiarize yourself with the various components to maximize your creative potential.



Figure 2.1: Overview of the Native Instruments Maschine Plus hardware.

2.1. Main Display Area

The central part of the Maschine Plus features two high-resolution color displays. These displays provide visual feedback for all operations, including waveform editing, browsing, mixing, and parameter adjustments.

- **RECORD/EDIT/SLICE/ZONE:** Tabs for different editing modes, visible on the left display.
- **TRUNCATE/APPLY:** Functions related to sample editing, visible on the right display.
- **BPM:** Displays the current project tempo.
- **Scene:** Indicates the current scene number.
- **Play Range:** Shows the start and end points of a selected sample or loop.
- **Length:** Displays the total length of a sample or audio segment.

2.2. Left Control Column

These buttons provide quick access to core functions and modes of the Maschine Plus.

- **CHANNEL:** Access channel settings.

- **MIDI:** Configure MIDI settings.
- **IDEAS (Song):** Switch to Ideas view for arranging.
- **MIXER:** Access the mixer view for level and pan adjustments.
- **BROWSER (+Plug-in):** Open the browser to load instruments, effects, and samples.
- **SAMPLING:** Enter sampling mode to record and edit audio.
- **FILE (Save):** Access file management options, including saving projects.
- **SETTINGS:** Open the system settings menu.
- **AUTO:** Enable automation recording.
- **MACRO:** Assign and control macro parameters.

2.3. Rotary Encoder and Navigation

A large rotary encoder and associated buttons are used for navigation, parameter adjustment, and data entry.

- **Large Rotary Encoder:** For scrolling through lists, adjusting values, and confirming selections.
- **Directional Buttons:** For navigating menus and parameters.

2.4. Performance Controls (Below Displays)

These controls are dedicated to real-time performance and sound manipulation.

- **VOLUME (Velocity):** Adjusts the volume or velocity sensitivity.
- **SWING (Position):** Adjusts the swing quantization or note position.
- **TEMPO (Tune):** Adjusts the project tempo or fine-tunes pitch.
- **LOCK (Ext Lock):** Locks parameters or external synchronization.
- **PITCH:** Access pitch adjustment parameters.
- **MOD:** Access modulation parameters.
- **PERFORM:** Engage performance effects.
- **NOTES:** Access note-related functions.

2.5. Right Control Column

These buttons provide additional control over sequencing and sound shaping.

- **NOTE REPEAT (Arp):** Enable note repeat or arpeggiator.
- **FIXED VEL (16 Vel):** Set pads to a fixed velocity or 16 velocity levels.
- **PAD MODE:** Switch between different pad modes.
- **KEYBOARD:** Engage keyboard mode for melodic input.
- **CHORDS:** Access chord mode for playing chords with single pads.
- **STEP:** Enter step sequencing mode.
- **SCENE (Section):** Select and manage scenes or sections.
- **PATTERN (Clip):** Select and manage patterns or clips.
- **EVENTS:** View and edit individual events.
- **VARIATION:** Generate pattern variations.
- **DUPLICATE (Double):** Duplicate patterns or groups.
- **SELECT:** Select multiple items.
- **SOLO:** Solo selected groups or sounds.

- **MUTE (Choke):** Mute groups or sounds, or apply choke groups.

2.6. Performance Pads

The 16 large, multi-color pads are central to playing and sequencing. They are velocity-sensitive and pressure-sensitive.

- **Pads A-H:** Typically used for selecting groups or sounds.
- **Pads 1-16 (with functions):** These pads also serve as function buttons depending on the active mode. Examples include:
 - **13 Semitone -, 14 Semitone +, 15 Octave -, 16 Octave +:** For pitch adjustments.
 - **9 Clear, 10 Clear Auto, 11 Copy, 12 Paste:** Editing functions.
 - **5 Quantize, 6 Quantize 50%, 7 Nudge <, 8 Nudge >:** Quantization and timing adjustments.
 - **1 Undo, 2 Redo, 3 Step Undo, 4 Step Redo:** Undo/redo actions.

2.7. Transport Controls

Located at the bottom left, these buttons manage playback and recording.

- **PLAY:** Start playback.
- **REC:** Start recording.
- **STOP:** Stop playback or recording.
- **RESTART:** Restart playback from the beginning of the loop.
- **ERASE:** Erase recorded events.
- **TAP:** Tap tempo.
- **FOLLOW:** Enable follow mode for the playhead.
- **SHIFT:** Access secondary functions of buttons.

3. SETUP

Follow these steps to set up your Maschine Plus for the first time.

3.1. Unboxing and Inspection

1. Carefully remove the Maschine Plus and all accessories from its packaging.
2. Verify that all components are present: Maschine Plus unit, power supply, USB cable, and any included documentation.
3. Inspect the unit for any signs of damage. If damage is found, contact your retailer immediately.

3.2. Power Connection

Connect the included power supply to the DC IN port on the rear of the Maschine Plus, then plug it into a suitable power outlet. Ensure the power switch is in the OFF position before connecting.

3.3. Audio Connections

The Maschine Plus features multiple audio inputs and outputs.

- **Main Output:** Connect the main stereo outputs (L/R) to your studio monitors, mixer, or audio interface using 1/4-inch TRS cables.

- **Line Input:** Connect external audio sources (e.g., synthesizers, turntables, microphones with preamps) to the line inputs for sampling or processing.
- **Headphone Output:** Connect your headphones to the dedicated headphone jack for monitoring.

3.4. MIDI Connections

Use the MIDI IN and OUT ports to connect external MIDI devices such as keyboards, synthesizers, or other controllers.

3.5. USB Connections

The Maschine Plus has USB ports for various purposes:

- **USB-B Port:** Connect to a computer for controller mode or data transfer.
- **USB-A Ports:** Connect USB MIDI controllers, external hard drives, or other USB accessories.

3.6. Initial Power On and System Update

1. After connecting power, switch the unit ON.
2. Follow the on-screen instructions for initial setup, including network connection (Wi-Fi) for system updates and product registration.
3. It is highly recommended to perform all available system updates to ensure optimal performance and access to the latest features.

4. OPERATING INSTRUCTIONS

This section covers the basic operation of your Maschine Plus.

4.1. Project Management

- **Creating a New Project:** From the FILE menu, select 'New Project'.
- **Saving a Project:** Press the FILE button and select 'Save Project' or 'Save Project As'.
- **Loading a Project:** Use the BROWSER to navigate to your saved projects and load them.

4.2. Loading Sounds and Instruments

1. Press the BROWSER button.
2. Use the rotary encoder and directional buttons to navigate through libraries (e.g., Sounds, Groups, Instruments, Effects).
3. Select a sound or instrument and press the PUSH encoder to load it onto a pad or group.

4.3. Sequencing and Arranging

- **Pattern Creation:** Select a group/sound, then press REC to record notes from the pads. Use STEP mode for step sequencing.
- **Scene Arrangement:** In IDEAS view, arrange patterns into scenes. Use the SCENE button to select and trigger scenes.
- **Song Mode:** Arrange scenes into a full song structure.

4.4. Sampling

1. Press the SAMPLING button to enter sampling mode.
2. Select your input source (e.g., Line In, Mic In).
3. Set recording parameters such as threshold and length.
4. Press REC to start recording.
5. Use the EDIT and SLICE tabs on the display to refine your samples.

4.5. Effects and Mixing

- **Adding Effects:** In BROWSER mode, select 'Effects' and load them onto groups or individual sounds.
- **Mixing:** Press the MIXER button to adjust levels, pan, and send effects for each sound and group.

4.6. Connectivity Features

- **Wi-Fi:** Connect to a wireless network for system updates and NATIVE ACCESS integration.
- **Bluetooth:** For connecting compatible Bluetooth devices (e.g., MIDI controllers).
- **Ableton Link:** Synchronize tempo with other Link-enabled devices and software over a network.
- **Network MIDI:** Send and receive MIDI data over a network.

5. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your Maschine Plus.

5.1. Cleaning

- Use a soft, dry, lint-free cloth to clean the displays and exterior surfaces.
- For stubborn marks, slightly dampen the cloth with water. Avoid harsh chemicals or abrasive cleaners.
- Do not allow liquids to enter the unit.

5.2. Software Updates

Regularly check for and install system updates via Wi-Fi or by connecting to a computer. Updates often include new features, bug fixes, and performance improvements.

5.3. Storage

When not in use, store the Maschine Plus in a clean, dry environment, away from direct sunlight and extreme temperatures. Consider using a protective cover or case to prevent dust accumulation and physical damage.

6. TROUBLESHOOTING

If you encounter issues with your Maschine Plus, refer to the following common solutions.

6.1. No Sound Output

- Check all audio cable connections to your speakers, headphones, or mixer.
- Ensure the main volume knob on the Maschine Plus is turned up.
- Verify that individual sound/group volumes in the MIXER are not muted or set too low.
- Confirm that the correct audio output is selected in the system settings.

6.2. Unit Not Powering On

- Ensure the power adapter is securely connected to both the Maschine Plus and a working power outlet.
- Check if the power switch on the unit is in the ON position.
- Try a different power outlet.

6.3. Connectivity Issues (Wi-Fi, MIDI, USB)

- **Wi-Fi:** Re-enter network credentials in SETTINGS. Ensure your router is functioning correctly and within range.
- **MIDI:** Verify MIDI cable connections. Check MIDI settings on both the Maschine Plus and the external device.
- **USB:** Ensure USB cables are properly connected. Try different USB ports or cables.

6.4. Software Glitches or Freezes

- Restart the Maschine Plus by powering it off and on again.
- Ensure your system software is up to date.
- If persistent, consider performing a factory reset (refer to the official Native Instruments support documentation for detailed instructions on this process, as it will erase user data).

7. SPECIFICATIONS

Key technical specifications for the Native Instruments Maschine Plus.

Feature	Detail
Item Weight	8.5 pounds
Product Dimensions	2.01 x 11.85 x 2.01 inches
ASIN	B08NTP6CXS
Compatible Devices	Laptop, Personal Computer, Smartphone, Tablet
Connector Type	USB
Supported Software	MASCHINE
Operating System	Native Instruments Embedded Operating System
Brand	Native Instruments
Connectivity Technology	USB
Number of Channels	9
First Available Date	November 18, 2020

8. WARRANTY INFORMATION

Native Instruments products are covered by a limited warranty. For specific details regarding the warranty period, coverage, and terms and conditions, please refer to the warranty documentation included with your product or visit the official Native Instruments website. Keep your proof of purchase for warranty claims.

9. SUPPORT




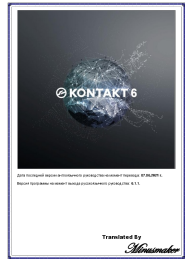
For further assistance, technical support, or to access additional resources such as software downloads, drivers, and knowledge base articles, please visit the official Native Instruments support website:

[Native Instruments Support](#)

You can also find community forums and tutorials that may help with specific questions or advanced techniques.

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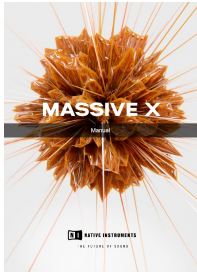
Related Documents - Maschine Plus

	<p>MASCHINE PLUS/MK3/MIKRO MK3 Ableton Live 11 MIDI Remote Script Installation Guide</p> <p>Step-by-step guide to installing the unofficial MIDI remote script for Native Instruments MASCHINE PLUS, MK3, and MIKRO MK3 controllers with Ableton Live 11, enabling enhanced integration and control.</p>
	<p>SESSION GUITARIST - ELECTRIC SUNBURST DELUXE User Manual</p> <p>Comprehensive user manual for Native Instruments' SESSION GUITARIST - ELECTRIC SUNBURST DELUXE, a virtual electric guitar sample library for KONTAKT. Learn about its features, patterns, melodies, settings, and tips for music production.</p>
	<p>PIANO COLORS User Manual - Native Instruments</p> <p>Explore the Native Instruments PIANO COLORS virtual instrument with this comprehensive user manual. Learn about installation, sound design, modulation, and all instrument features to create unique piano-based music.</p>
	<p>Native Instruments KONTAKT 6: Полное руководство пользователя</p> <p>Подробное руководство пользователя для Native Instruments KONTAKT 6, ведущего программного обеспечения для сэмплирования и создания виртуальных инструментов. Охватывает интерфейс, функции, модули обработки звука и настройки.</p>



[PIANO COLORS User Manual - Native Instruments](#)

Comprehensive user manual for Native Instruments' PIANO COLORS software instrument. Learn about installation, sound design, modulation, and advanced features to create unique piano-based musical textures.



[MASSIVE X Manual - Native Instruments](#)

Comprehensive user manual for Native Instruments MASSIVE X, a powerful software synthesizer for sound design and music production. Learn about its features, controls, modulation, routing, and effects.