

## NATIVE INSTRUMENTS MASCHINE + - Standalone ritam mašina

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### NATIVE INSTRUMENTS MASCHINE + - Standalone ritam

MASCHINE+ offers a classic groove-box workflow with a fast and intuitive interface that is designed to boost your speed and increase your focus. With the ability to act as a sequencer, sampler, instrument/synthesizer host, and multi-effects unit, MASCHINE+ allows you to get creating straightaway, from first ideas to finished tracks. Dial in effects to tweak your sounds, or sample audio and make it your own with an intuitive interface design to keep the creative juices flowing. Should you want to bring your ideas into a DAW, simply

copy them over, and boot up the MASCHINE software on your computer to pick up where you left off. The MASCHINE+ hardware even acts as a controller for the software.

MASCHINE+ is powered by a quad-core processor with 4GB of DDR3L RAM and an internal 32GB eMMC flash storage (for OS and factory content). A built-in SD card reader supports cards up to 1TB. A 64GB card is included with additional content to get you started. Speaking of content, MASCHINE+ is loaded with 24GB of content. In standalone mode, MASCHINE+ sports 9 instruments and effects from the MASCHINE+ Select library as well as the MASCHINE Factory library, which includes drum synthesizers and tons of performance effects.

The hardware interface features a professional-quality, 24-bit / 44.1 kHz audio interface (96 kHz / 24-bit in USB computer mode) with stereo line inputs and outputs, as well as a microphone input and separate headphone output. The controller also features 16 extra-large multicolor illuminated pads with velocity and aftertouch, 2 high-resolution full color displays, 8 touch-sensitive endless rotary potentiometers, 50 backlit buttons, a four-directional push encoder, a dual-touch Smart Strip, and 8 multicolor group buttons. There are MIDI input and output ports (5-pin DIN) for connecting outboard drum machines and synthesizers. Additionally, there are two USB Type-A ports for connecting additional controllers.

The MASCHINE+ provides the flexibility of hardware-based music production with straightforward, two-handed control for composing, performing, browsing, sampling, slicing, sound-shaping, and tweaking effects. You can easily load your samples, effects, and control them with the pads and knobs. And, you can always expand your sound with optional MASCHINE Expansions. The Native Instruments MASCHINE+ ships with an SD Card, USB cable, and a power adapter.

#### At a Glance

Immersive standalone workflow for creating beats and melodies, sampling, arranging music, and performing on stage or in the studio

Includes MASCHINE+ Selection with industry-leading instruments, sounds, and effects, plus renowned MASCHINE drum and bass synth plugins and effects

Quad-core CPU and 4 GB RAM for fast, seamless creation when it counts

Pro-grade, 44.1 kHz / 24-bit audio interface\* with 2 x ¼" TRS line outputs, 2 x ¼" TRS line inputs, ¼" dynamic mic input, stereo headphone output, 1 x MIDI In, 1 x MIDI out; 1 x Footswitch, and 2 x USB ports for

MIDI controllers / external HDDs

Robust anodized aluminum design for years on the road and in the studio

Iconic MASCHINE features and workflow including 16 velocity-sensitive pads, MASCHINE effects and plugins, swing, pad link, note repeat, step sequencer, and vintage sampler emulation

Use standalone or with a computer – integrate with your studio workflow, and unplug for DAW-less setups or live performances

WiFi and Ableton Link enabled for wirelessly installing and updating products, collaborating with others, and syncing with other gear

The Pads

Ultrasensitive and fun to play, this is where the magic happens. For finger drumming that sounds like a real kit, nuanced keys, or strummed sounds, they're capable of all kinds of articulation

High Resolution Displays

Find sounds, slice samples, chain up effects, edit notes, and arrange tracks. The MASCHINE+ displays pick up where muscle memory drops off, for deeper tweaks and changes to your project

Eight Touch-Sensitive Knobs

Go beyond tweaking with eight touch-sensitive knobs. Touch once to activate special contextual menus such as tag clouds, sound settings, and FX parameters. You can also map your most frequently used FX, instruments, or plug-in parameters to macros with the touch of a button

Metal Build

Playing MASCHINE+ feels as good as it sounds with anodized aluminum top and bottom plates. The touch-sensitive display knobs and 4D encoder get the same treatment

Smart Strip

Strum notes, crank up Perform FX, pitchbend, and modulate sounds for intuitive expression. The Smart Strip also shows you the relative position in a clip when laying down a new pattern

Expandable Memory

MASCHINE+ ships with a 64GB SD card for storing your own content. For the sampling aficionados with larger libraries, it's possible to expand this up to 1TB or even more with a hard drive via USB

Fast Workflow

One-Touch Workflow: Menu-diving is never fun. MASCHINE+ keeps essential control at your fingertips. Once you've found the sounds you need, the rest is about creating quickly

Pad Input Modes: Go from drumming patterns to playing melodies, sequencing synths, and one-touch chords in a snap

Lock Button: Hit the lock button, go wild with effects, tweaks, and more, before hitting it again to reset your tweaks for dynamic transitions

Macro Button: Touch a knob, assign your favorite parameter, and get tweaking

Note Repeat: Big, easy to find, and great for fills or arpeggios when sketching ideas or performing live

Fixed Velocity: Program accents and ghost notes quickly with 16 fixed velocity levels or get a smooth, constant volume when triggering samples

Transport Control: Essential transport functions, as well as mute control are a click away

Touch Encoders: Dial in effects and modulation, touch to browse tags when searching for the right sound, or get hands-on with macro controls when performing. Context-sensitive touch encoders keep tweaking quick, and sound sculpting hands-on

Smart Strip: Small but mighty, the Smart Strip can be used for the classic pitch modulation you'd find on a keyboard, as well as modulating other controls, an expressive way to use Perform FX, and to strum chords and samples like a guitar for both effective realism and left-field creations

Sampling: From crate-digging treasures to vocals and field recordings, sampling is ingrained in MASCHINE's DNA. Hook up your sound source, enter the sampling mode, and stretch, chop, or loop audio in a matter of seconds

Song Mode: Take ideas, mix them up, swap them about, and structure your tracks straight from MASCHINE+. Song Mode is great for building the final structure for a track or for working out ways to progress a live set

Advanced Features

Ideas View: Added to make sketching and arranging tracks more intuitive. Record alternate musical phrases or play different beats nonstop. Then mix and match until you find a groove you like

Parameter Snapshot Morphing: Lock lets you freeze your current settings, tweak a sound, change an envelope, and return to your initial settings at the press of a button. Combine it with the new Morph function to discover new transitions or add improvisation during a performance

Variation Engine: Great for adding texture to a track or sparking new ideas. Use Randomize to create new patterns and melodies on the fly. Or, add a little swing to your drums with Humanize

Clips: Arrange your ideas with even more freedom. Create transitions across scenes, add unique variation to patterns, record MIDI directly into the full arrangement, and freely add audio wherever you need it

**Connect and Control:** Play and sequence outboard gear and capture the results, or manipulate external audio in real time with effects. MASCHINE+ can control, mix, and manipulate the rest of your setup with MIDI, line, and mic inputs to bring everything together instantly. And if you want to work with a computer, it doubles up as a classic MASCHINE controller too

**Sync and Add Sounds Wirelessly:** MASCHINE+ is Wi-Fi enabled, which means you can install new sounds, instruments, and effects at the touch of a button, without a computer in sight. When it comes to jamming with others or playing out live, keep in sync with other music apps, DAWs, and compatible gear with Ableton Link

**MASCHINE+ Selection: Standalone Library**

A curated selection of legendary synths, sampled instruments, studio effects, and Expansions that bring the noise to MASCHINE+

**Synths and Instruments:** MASCHINE+ includes synths and instruments that cover everything you'd ever need

**MASSIVE:** Genre-defining wavetable synth that's great for bass, lead, and pad duties – from creamy analog sounds to unashamedly digital edge

**FM8:** The brilliant, intricate sound of FM synthesis in an easy-to-use instrument with innovative advanced features when it's time to dive deeper

**PRISM:** Unique modal synth and FX module capable of percussive keys, bells and plucks, as well as hard basses, piercing leads, and organic atmospherics.

**MONARK:** The kind of analog monosynths with a streamlined interface and infinite sweet spot. Perfect for rich, organic basses and full leads

**REAKTOR AND KONTAKT FACTORY SELECTION:** Two collections full to the brim with innovative, cutting-edge sound that work seamlessly in standalone mode

**REAKTOR Factory Selection** packs innovative synths born in our DSP lab, including SPACE DRONE, NEWSCHOOL, and LAZERBASS

**KONTAKT Factory Selection** includes a huge variety of sampled instruments that span a wide range of genres, styles and sounds

**RETRO MACHINES:** 16 definitive analog synths and keyboards, covering the classic, the idiosyncratic, and the exotic. Lovingly sampled, easy to play, and with advanced custom control

**Effects:** In addition to the MASCHINE Factory Library effects, MASCHINE+ packs two high-fidelity ways to sculpt, transform, and finish your sounds

**RAUM:** Do-it-all, high-fidelity reverb capable of everything from subtle space to complex, transformative sound design

**PHASIS:** Add movement, character, and creative magic to input signals for both classic phasing sounds and previously-unheard effects

**MASCHINE Factory Library**

**Drum Synth Plug-Ins**

Create your own tuned electronic and acoustic drum sounds in truly professional quality. Six monophonic drum plug-ins built exclusively for MASCHINE give you any percussive sound you need. All fully tweakable, automatable from the hardware, and built with NI's DSP expertise

**Kick:** Nine engines deliver powerful low end. Four are based on classic analog machines—fat, punchy, deep, dusty, and everything in between. The other five deliver some of the most realistic acoustic-sounding kicks you've ever heard. And a broad sweet spot means you get pro sound no matter what you dial in

**Snare:** Thick, harsh, bold, deep, filtered—create any electronic snare imaginable. Or create realistic acoustic snare sounds and tweak with the total control that a real snare can't give you. Nine engines to choose from, plus a dedicated clap engine for both electronic and acoustic claps

**Hi-Hats:** No samples here. Three different engines produce the full range of hi-hat sounds, from classic analog hi-hats, digital, robotic sounds, or thick, crunchy sounds from a new, grain-based oscillator. And a few quick tweaks take you beyond simple hi-hat sounds, deep into creative territory

**Toms:** Three engines let you craft a full set of toms fast. Digital sounds from percussive to bell-like to completely alien, and acoustic sounds so warm and fat you won't believe they're not samples. Added control over pitch bend and advanced parameters give you total flexibility. All on the hardware, and super intuitive

**Percussion:** Three engines, no limits. The fractal engine delivers electronic percussion, from bell-like and metallic to sub-heavy and twisted. The shaker engine gives you acoustic shakers and maracas, and the kettle engine offers rich, resonant timpani. All sounds are mapped across the keyboard for pitched percussion and melodic accents

**Cymbal:** The Crash engine delivers everything from a 909-like crash to more acoustic-sounding cymbals. The Ride engine can be adjusted to sound as if the cymbal is being struck on its edge or bell

**Bass Synth Plug-In**

Create rich bass tones with this monophonic bass synth, exclusive to MASCHINE. Design and shape with

intuitive, fun, and fully automatable controls, including filter, mod envelope, decay, drive, and glide time, directly from the hardware. Morph seamlessly between waveforms—from sine to saw to square—to create your own unique sounds, with no synth programming knowledge required. Or, load any of the pro-designed presets to get studio-ready bass for any genre, from booming subs to dripping acid

#### Perform FX

Enliven your sounds with MASCHINE 2.5 software's advanced Perform FX. Designed for spontaneous, tactile control in recording or live performance, these eight complex multi-effects alter motion, space, dynamics, and more for added expression

**Filter:** An analog-modeled high-, low-, and band-pass filter capable of yielding raw, natural-sounding results using saturation and resonance. Roll off the highs for a thick, murky veil, or use the resonance to create sounds that float into self-oscillation infinity

**Flanger:** A comb-filter effect with more than a few tricks up its sleeve. Get performance-ready flanger or phaser effects, or expose its wild side—setting higher decay and frequency values unleashes flutter effects similar to ping-pong delay

**Burst Echo:** A warm, versatile echo with plenty of character, designed for spontaneous splashes of echo. Strong, responsive attacks that taper off into hazy trails are well suited for dub and can also be tweaked for more extreme sound design

**Reso Echo:** A complex resonant echo with advanced feedback and saturation that verge on psychedelic tendencies. Echoes range from a tight, punchy resonant hum to ambiguous howling sounds from another dimension

**Ring:** Built on a carefully selected bank of ring modulators, Ring adds a bell-like quality to melodic sound sources. Using the additional plate reverb, tweak a knob or Smart Strip to hand-pick individual notes and keep them ringing into the stratosphere

**Stutter:** Turn the intensity up, and down again, with Stutter. This beat-mangling effect adds creative dynamics like glitches, fills, and expressive pitch-bending crescendos to drum patterns and more

**Tremolo:** A no-frills tremolo and vibrato effect that's perfect for creating motion and wobble on the fly. Instantly add expression with multiple modes, rate, and depth ranges, and use the Stereo knob to create auto-pan motion effects

**Scratcher:** Scratcher warps your sounds with turntable motion effects that can get otherworldly. Apply a brake to a sound, then scratch with it—just like on vinyl. Or use the pitch-shifting delay to thicken the sound and create alien-sounding sweeps

#### Native Instruments MASCHINE PLUS Specs

Number of Pads 16 x Velocity-Sensitive, Backlit Pad with Aftertouch (Multi-Color/RGB)

Expression Controls 1 x Ribbon Controller

Display Color LCD

Internal CPU Quad-Core

Standalone Operation Yes

#### Sounds

Internal Memory RAM: 4 GB

Factory Content: 32 GB

Included SD Card: 64 GB

Sampling Formats AIFF, WAV - 44.1 kHz / 24-Bit (Standalone)

AIFF, WAV - 96 kHz / 24-Bit (Controller Mode)

Built-In Effects Yes

#### Connectivity

Audio I/O 1 x 1/4" TS Mic Input

2 x 1/4" TRS Line Input

2 x 1/4" TRS Line Output

1 x 1/4" TRS Headphone Output

Headphone Output Power 29.4 mW into 33 Ohms

Trigger Device & Pedal Inputs 1 x 1/4" Footswitch Input

MIDI I/O 1 x DIN 5-Pin Input

1 x DIN 5-Pin Output

USB 2 x USB Type-A (Device/Controller Connection, External Memory)

1 x USB Type-B (USB 2.0, Host Connection)

Media/Memory Card Slot Single Slot: SD/SDHC/SDXC [1 TB Maximum]

#### Audio Performance

Frequency Response Line Inputs:

20 Hz to 20 kHz  $\pm 0.1$  dB

Line Outputs:

20 Hz to 20 kHz  $\pm 0.5$  dB

Headphone Outputs:

20 Hz to 20 kHz  $\pm 0.35$  dB

Mic Inputs:

20 Hz to 20 kHz  $\pm 0.4$  dB (Max Gain)

20 Hz to 20 kHz  $\pm 0.15$  dB (Max Gain)

Maximum Input Level Line Inputs:

+18.6 dBu

Mic Inputs:

-32 dBu (Max Gain)

-3.4 dBu (Min Gain)

Maximum Output Level Line Outputs:

+18 dB

Dynamic Range Line Inputs:

100 dB

Line Outputs:

102 dB

Headphone Outputs:

102 dB

Mic Inputs:

90 dB (Max Gain)

102 dB (Min Gain)

THD Line Inputs:

0.003%

Line Outputs:

0.003%

Headphone Outputs:

0.007%

Mic Inputs:

0.01% (Max Gain)

0.004% (Min Gain)

Crosstalk Line Inputs:

-96 dB

Line Outputs:

-100 dB

Headphone Outputs:

-60 dB

Compatibility

OS Compatibility macOS 10.14 or Later

Windows 10 (64-Bit Only)

\*As of March, 2022: Check with manufacturer for the most up-to-date compatibility

Supported Drivers/API & Plug-Ins VST 2 (64-Bit)

Audio Units (AU) (64-Bit)

AAX (64-Bit)

ASIO

Core Audio (Mac)

WASAPI

RAM Requirements 4 GB

Processor Requirement Intel Core i5 or Equivalent

Storage Requirements MASCHINE Software / MASCHINE ESSENTIALS Library: 9 GB

MASCHINE+ Selection: 24 GB

Required Hardware Available USB 2.0 Port

Internet Connection Required for Registration, Software/Driver Download

Power

AC/DC Power Adapter 15 VDC at 2.6 A (Included)

Physical

Anti-Theft Features Kensington Security Slot

Dimensions 12.7 x 11.9 x 2" / 32.2 x 30.1 x 5.1 cm

Weight 5.5 lb / 2.5 kg

Packaging Info

Package Weight 7.475 lb

Box Dimensions (LxWxH) 15.1 x 14.7 x 4.9"

