# FuruBass Expansion Bundle – User Manual / Read Me

Thank you for purchasing the **FuruBass Expansion Bundle**!

The **FuruBass** series was recorded using the actual basses and equipment regularly used by professional Japanese bassist and composer **Takahiro Furukawa**. All instruments are designed to inspire creativity — there are no complicated settings, knobs, or key switches. Just load them and start playing; even simple MIDI programming sounds natural and musical.

## Included Instruments

- **FuruBass-PB1966** – Recorded from an original 1966 vintage Precision Bass (Fingerstyle)

- **FuruBass-MM1984** – Recorded from a Music Man-type active bass (Fingerstyle & Slap)

- **FuruBass-Fretless** – Recorded from a Jazz Bass Fretless (Fingerstyle)

## Instrument Overview (Common Features)

### Fingerstyle Libraries

(FuruBass-PB1966_○○, FuruBass-MM1984_○○, FuruBass-Fretless_○○)

- Regular notes: B0–D#1 / Muted (ghost) notes: E4–G4
  → Alternate finger picking (index/middle) automatically switches for natural repetition, even when playing repeated notes.

- Notes with high velocity (121+) trigger slide-ups from a whole step below (PB1966: F#1–D#4).

- String touch noises (fingering muted strings) recorded across all strings.

- Glissando up, down, and up & down included in 2–3 variations per string.

### Monophonic Mode

- Holding the Sustain Pedal (MIDI CC64) switches to monophonic mode.

- Slightly overlapping MIDI notes produce hammer-on / pull-off-like nuances.

- B0–C#1: Virtual 5-string extension generated by Kontakt.

### Slap Library (FuruBass-MM1984-Slap_○○)

- Regular notes: B0–D#4

  - Velocity ≤120: Thump (slap)

  - Velocity ≥121:

    - Low range (E1–D#2): Slide-up thump from a whole step below

    - Mid/high range (E2–D#4): Pull articulation

- Regular and ghost notes (B0–D#4 / E4–G#4) alternate 2–3 round-robin samples, for natural repetition.

- Ghost notes:

  - 4th & 3rd strings: Thump

  - 2nd & 1st strings: Pull

  - Includes left-hand ghost notes and muted brushing (down/up).

- Gliss down/up included with 2–3 length variations per string.

- Monophonic mode: Overlapping notes reproduce hammer-on / pull-off nuances (lowering velocity of the second note increases realism).

- Polyphonic mode: Hold Sustain Pedal (CC64) to play chords.

- B0–C#1: Virtual 5-string extension via Kontakt.

**Global Features (All Libraries)**

- Recorded in 24bit / 48kHz mono

- Techniques not included: Hammer-on, Pull-off, Slide-down, Harmonics, Bending

- Pitch Bend Wheel (except Fretless):

  - Up: smooth +2 semitone (simulates string bend)

  - Down: stepped -7 semitone (for slide-downs or upward slides from bent positions)

**Manual Tab**
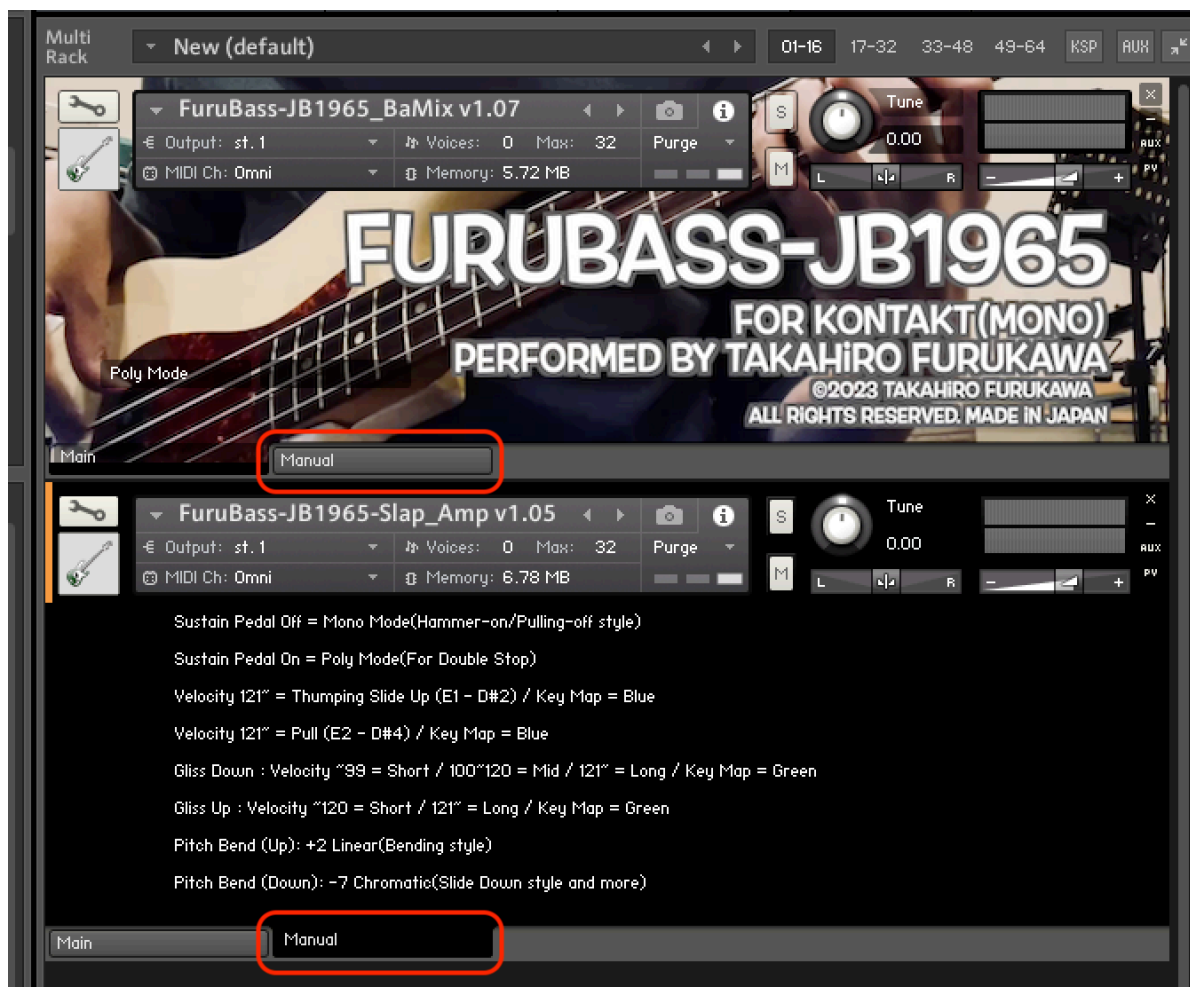


The "Manual" tab in the UI allows you to check key mappings and articulation triggers without referring to external documentation.

**Articulation Labels**
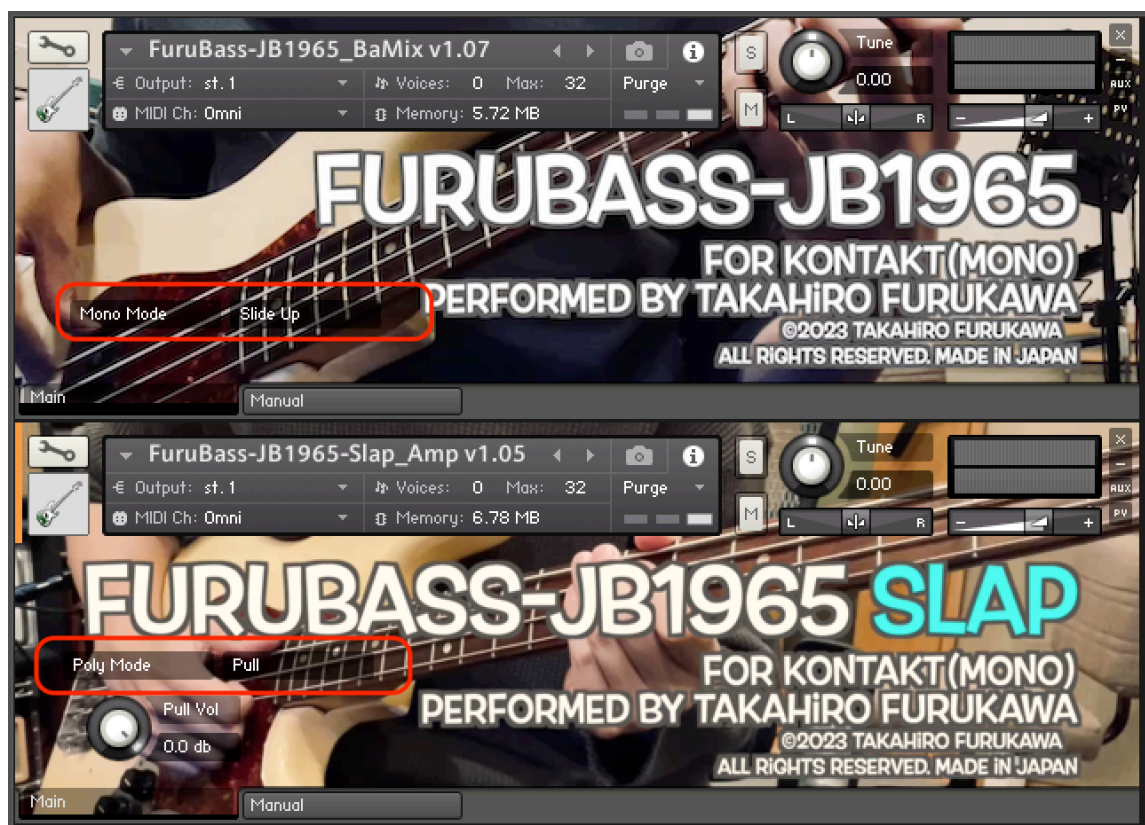
The articulation labels on the main page show the current mode (Monophonic / Polyphonic) and which articulation is currently active.

## Installation

Compatible with **Native Instruments KONTAKT 5.8.1 or later**

⚠️ Note: KONTAKT Player will run in demo mode and stop after a limited time.

- Download and extract the **FuruBass Expansion Bundle** folder to a preferred location.

- FuruBass libraries are recorded in mono — use on a mono instrument track.

1   Open KONTAKT and click the **Files** tab (top-left).

2   Browse to the FuruBass folder.

3   Double-click a **.nki** file to load the instrument.
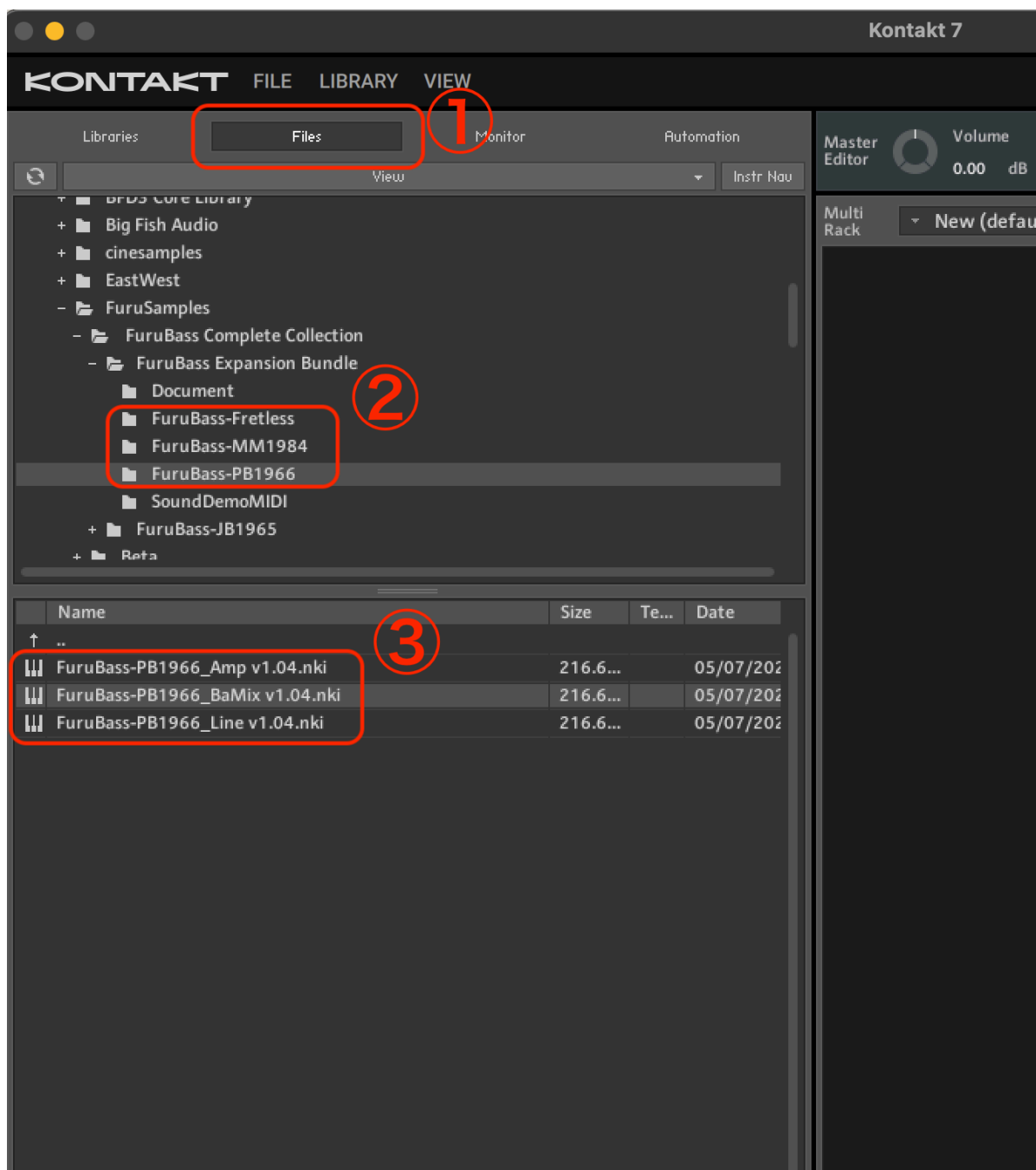
## Included Libraries (All Techniques)

### FuruBass-◯◯_BaMix

- A balanced mix of Line and Amp, representing a classic recorded bass tone — thick, focused, and ready for any mix.

- Some compression applied on the amp during recording; Line & Amp mixed without EQ or compression, allowing free tonal shaping.

**Signal Chain**

- Line / DI: Manley Tube Direct Interface → Aurora Audio GTQ2

- Amp: Orange AD200B Head + OBC410 Cab

- Mic: Neumann U47 FET

- Mic Pre: Aurora Audio GTQ2

- Compressor: WesAudio β76

### FuruBass-○○_Line

- Direct input through Umbrella Company SIGNALFORM ORGANIZER → Audio Interface.

- Clean, pure sound, ideal for custom tone shaping or reamping.

### FuruBass-○○_Amp (Fretless not included)

- Amp-mic'd sound captured during recording.

- Can be layered with Line version for custom mixing.

### Mixing Line & Amp Libraries

- Finger alternation (index/middle) ensures natural repetition.

- When mixing Line & Amp on separate instances, mismatched finger alternation may cause phase issues.

- Recommended: load both libraries in one Kontakt instance or trigger both from a single MIDI track.

- Restarting KONTAKT resets picking order — recommended before final audio export.

## FuruBass-PB1966

- Original 1966 vintage Precision Bass, suited for Soul, Funk, R&B, and classic rock.

- **Mute Function**: Mod Wheel (CC1) ≥65 triggers muted playing; 1–64 = normal 2-finger, 65–127 = muted style.

- **Sustain Knob**: Adjusts note length; combined with mute, produces funky "Tower of Power" style grooves.



## FuruBass-MM1984

- Music Man-type active bass, aggressive attack, tight lows, punchy sound.

- **2-Band EQ**: Modeled after pre-Ernie Ball Music Man bass; ±4dB boost/cut for precise tonal shaping.
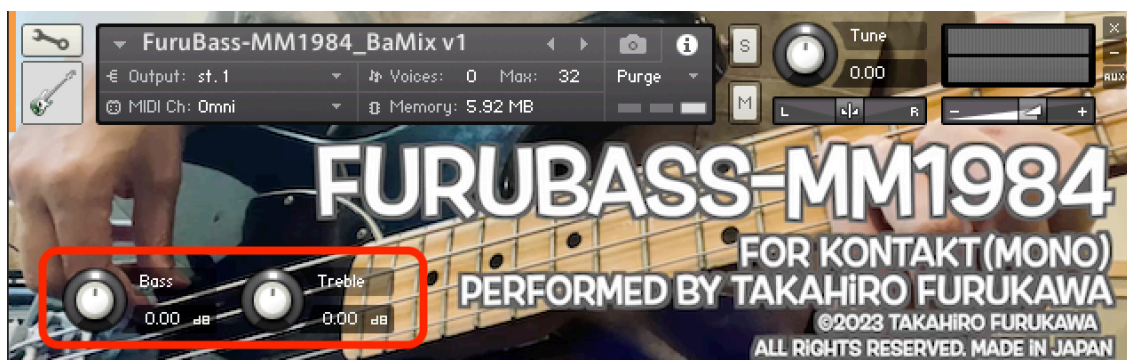
## FuruBass-Fretless

- Jazz Bass fretless with epoxy-coated fingerboard for fast attack and expressive play.

- **Vibrato**: Separate samples with modulation wheel (CC1) trigger vibrato; crossfades between normal & vibrato.

- **Legato Mode**：Hold **Sustain Pedal (MIDI CC64)** to activate **monophonic Legato Mode**, where overlapping notes automatically switch between **portamento (long note hold)** and **hammer-on/pull-off (short note hold)**; use the **Port./Leg knob** to adjust the threshold (**200–600ms**, default 200ms).

- **Pitch Bend** works naturally with fretless, allowing expressive vibrato and slides.

## Software Information

- Developed with **Native Instruments KONTAKT 5.8.1**

- Tested on macOS Mojave – Sonoma

- Free for use in personal and commercial productions

- Redistribution or resale strictly prohibited

**FuruBass YouTube**
https://www.youtube.com/@FuruSamples