TIME ZONE

Time Zone
Obligatory Legal Stuff

Thank you for downloading this creative Max for Live device!

Time Zone

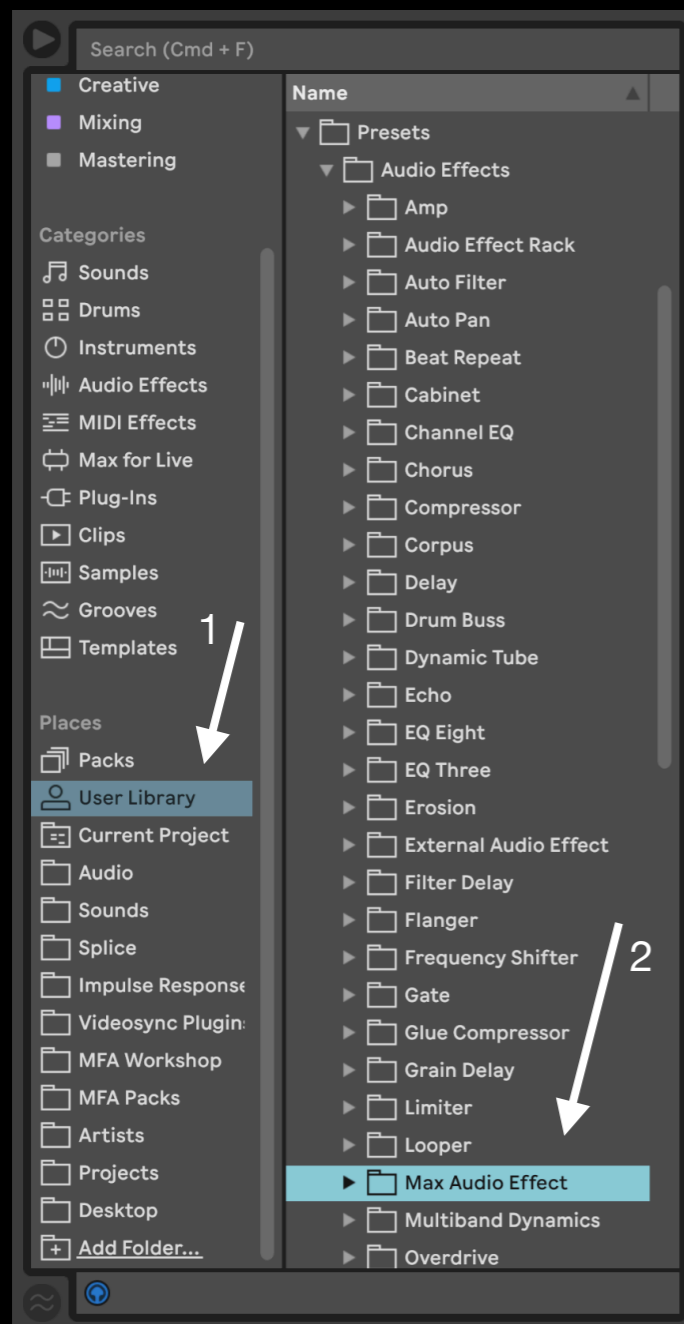## Installation Instructions

Time Zone requires Live Suite or Live with Max for Live installed; we strongly recommend Live 10.1.x or higher with Max 8.1.x or higher.

To install Time Zone, first double-click to decompress the ZIP archive it arrived in. Presumably you've already done this, because you're reading the manual, also included in said ZIP — good job!

From Finder (Mac) or Explorer (Windows), drag the MFA Time Zone.amxd, to the User Library in the Places section of Live's Browser (Arrow 1 pictured left). This will copy the required files to your User Library. We recommend dragging it to the Max Audio Effect subfolder of the User Library Audio Effects folder (Arrow 2 pictured left).

Once installed, we might humbly suggest adding it to an appropriate Browser Collection, if applicable. You may also wish to add it to your Default Set and Templates, probably on the Master Track.

Time Zone
Device Overview

Time Zone is the ultimate time-based utility, allowing for unique BPM calculations for your entire set, and discrete timing calculations for musical elements – along with a real-time hours, minutes, and seconds counter.

Time Zone allows calculation of harmonic tempos aligned with a selected key value. Base key will be inherited from an instance of Global Hub or Live 12's scale and key by default, but Time Zone can also be pinned locally to ignore Live 12 project settings and/or Global Hub instances. Adjust the base key and watch the calculated BPM change as a result. You can also adjust Live's current BPM in semitone steps – or via percentage slider. When you're happy with the result, click Set BPM to send the calculated BPM to Live and reset the semitone and percentage sliders.

You can also use Time Zone to easily calculate any possible metrical value in milliseconds or Hertz. Select a base metrical rate (16n, 8nd, 32nt, etc.), along with a multiplier, and option percentage to output the resulting value in the display below; just click the Ms/Hz toggle to switch the output format. Perfect for setting LFOs, envelopes, and delays to more specific intervals than many devices allow.

In Hertz mode, you can also calculate Hertz values via MIDI note by clicking the clock toggle to switch to MIDI mode. Using either mode, click the downward arrow to toggle into reverse calculation, allowing you to move the millisecond or hertz slider to calculate the nearest relative metrical rate or MIDI note.

Optimized for Push, just place a single instance in your set, probably on your master channel. Consider saving it in your default template, and open the Info View as needed for further details.

Time Zone *FAQ*

How do I get Time Zone's BPM calculation into Live?

If you're satisfied with Time Zone's calculations, click Set BPM to set Live's tempo.

Why do the BPM calculation settings reset after clicking Set BPM?

The controls used to make semitone and percentage calculations are relative to Live's BPM so once you've set Live's tempo from Time Zone, it becomes the new default from which further calculations will be made – therefore the calculation tools must be reset to remain correctly relative.

How come Time Zone's BPM display and calculations don't update when I change Live's BPM?

To prevent internal feedback loops, Time Zone does not automatically retrieve Live's BPM when it is updated; to refresh BPM calculations with Live's current BPM, click Time Zone's BPM reset button.

Time Zone keeps getting the base key set from Live 12 or Global Hub – how do I stop this?

To ensure Time Zone calculations are independent of an instance of Global Hub in your set or Live 12's scale and key settings, click the Global button to toggle into Local pin mode; now it will ignore Global Hub or scale awareness, but switching back to Global mode instantly reinherits Global Hub settings.

There's no manual but I need more help – where can I find it?

Manifest Audio LLC does not offer support on free devices, but every control in Time Zone is fully annotated for Live's Info View, so just open the Info View area and hover over any parameter in Time Zone for an explanation of its behavior and functionality.

Time Zone looks small — how do I make it bigger?

In the Look/Feel tab of Live's Preferences pane, simply increase the Zoom Display percentage slider to 125% or 150%.

Thank you for supporting us — we hope this device inspires your creativity!

For more information, video tutorials, and other devices, please visit us online at: **manifest.audio**

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