

MPC3000 OS 3.39.3 Track Mute Edition

A free unofficial OS modification by Deep88 with help from ChatGPT

I wanted a Track Mute page on my MPC3000. Nearly twenty years later, I finally made it happen, with ChatGPT's honestly insane help and a whole lot of trial and error.

I first used an MPC3000 back in 2007. Over the years, I started appreciating the newer MPCs, especially for the Track Mute page. I love building the song muting and unmuting tracks as in a big mixer, just with track mute. The first Mpc with the track mute page was the MPC2000 that got it through an OS update, using a Shift + button shortcut. From the MPC2000XL onward, it became a signature of the MPC family. Naturally, I wanted it on the 3000 too.

A couple of weeks of tinkering, using MAME's MPC3000 emulation for the first tests, and here we are. This update is based on OS 3.12, with Track Mute and a few extra features thrown in.

It's a bootable update only. There won't be an EPROM version, and I will never sell it. I made it as a gift to myself, and I'm sharing it for free with anyone who wants it, in the spirit of the old internet. If you feel like improving it or hacking in more features, grab ChatGPT, or whatever exists by the time you read this, and give it a shot.

Disclaimer: SCSI, particularly Hybrid Mode, has been extensively tested, both 3.11 and Vailixi 3.50, and no issues have been encountered. Nevertheless, **always back up your data before using the new OS!**

Always back up your data before using this OS, whether you use ZuluSCSI, SCSI2SD, or a SCSI Zip drive.

Use it at your own risk; I accept no responsibility for data loss or corruption.

New features

-TRACK MUTE PAGE

Press **SONG** to open the Track Mute page. It shows the first 16 tracks. Press **SONG** again or **MAIN** to return to the main screen. To go to **SONG MODE** just keep pressed **SONG** for more than 2 seconds.

-SAMPLING WHILE THE SEQUENCER IS RUNNING

The sequencer now keeps running when you enter the Sample page, and you can use **PLAY** or **PLAY START** from there too. Jam along with real instruments while the sequence plays, sample what you're doing, then load the sample into a program, assign it to a pad, and trigger it in Record mode.

-DOUBLE STOP

Press **STOP** once and the sequence stops, but long samples keep playing. Press **STOP** again and the samples get cut. Easy.

-HYBRID SCSI MODE

Format in hybrid SCSI mode so your Mac or PC can see all partitions, not just partition A. Multi Sector Is always OFF to avoid problem of compatibility.

-GROUP MUTE

Under PROGRAM/SOUNDS and **Envelop,veloc,eloc,tune..** one Cutoff is now a Mute Group. You can choose one of four Group Mutes for each pad.

-EDIT SOUND START AND STOP

You can now advance from 999 to 000 without having to change the seconds or milliseconds. On the same page, pressing **HELP** lets you scroll five times faster.

On the Edit Sound screen, the **TRUNC SFT ST END** function lets you truncate both the section before **START** and the section after **END** at the same time.

There is also a **COPY ZONE -> SND** function that lets you create a new sample chop from any selection in **EDIT ZONE**. The newly created sample is named **ZONE**, followed by an incrementing number.

On various screens under **PROGRAM/SOUNDS** and **MIXER/EFFECTS**, you can press **PLAY** or **PLAY START**, and the current screen will remain open instead of switching to **MAIN**.

-SONG MODE IS BACK

Following user complaints, SONG MODE is back. To enter Song Mode, press and hold the SONG button for more than two seconds. To exit, press MAIN.

-TIMING CORRECTION

On the Track Mute page, you can use the TIMING CORRECTION button to trigger Note Repeat. Press a pad to mute or unmute its track, or press TIMING CORRECTION + a pad to trigger Note Repeat.

-RENAME

There is a new, more modern renaming function. You can scroll through letters and numbers using the jog wheel and arrow keys, and switch between uppercase and lowercase using the up and down arrows.

You can still use PLAY to enter a space and PLAY START to switch between uppercase and lowercase.

The new RenameX system is enabled by default. If you prefer the old system, go to OTHER and use SOFT KEY 4 to switch back to the classic renaming system.

PROJECT NOTICE

This is an independent educational and cultural project created to learn about the MPC3000 operating system and explore vintage music technology. It is an unofficial modification of the original Akai firmware, not an official release. No affiliation, endorsement or support from Akai, inMusic or Roger Linn Design is claimed.

The modification is shared free of charge and is intended for MPC3000 owners lawfully entitled to use the original OS. No payment or donation is required to download or use it. Any donations are entirely voluntary and do not buy a license to the original firmware.

All rights in the original firmware and related trademarks remain with their respective holders. My contribution to the firmware consists of the modifications only. This notice does not grant rights to the original firmware.

The modification is experimental and provided "as is", without warranties of correct operation, compatibility or fitness for a particular purpose, to the extent permitted by applicable law. Back up your data before use. Installation and use are at your own risk. To the extent permitted by applicable law, I disclaim liability for data loss, equipment damage or other loss resulting from its use. Nothing in this notice excludes or limits liability that cannot lawfully be excluded or limited.

How to install

Using a real floppy

Copy `M3K339.SYS` onto a floppy formatted on the MPC3000. Leave it in the drive when you boot, and the OS will load automatically on boot.

Using a Gotek or another floppy emulator

Copy `OS_3.39.3_Beta_Track_Mute_Edition.hfe` or `OS_3.39.3_Beta_Track_Mute_Edition.img` into the emulator's folder. Boot with that virtual floppy selected and the OS will load automatically. That's it.

Have fun and pass it around

This is what the internet used to be about.

I make house music as Deep88. The '88' is a tribute to the Second Summer of Love. Go dig into the 1988 revolution and you'll see why.

If you'd like to say thanks, you can send a donation via PayPal to info@deep88.com. Even better, buy some of my music at <https://deep88.bandcamp.com>. I'd really appreciate it.