

RAM TWEAKS

Play seriously with sound





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RAM TWEAKS are sound optimizations that you download from the Internet and install in your speakers. That way, you get the opportunity to adjust the sound in ways that have not been possible before.

The technology in our [digital Silverback speakers](#) makes it possible to customize the sound in completely new ways.

RAM TWEAKS are digital files that optimize the sound with a variety of advanced technologies. They are easy to install.

Music lovers are familiar with tweaks in analogue music systems, where e.g. a new cable or amplifier can improve the sound.

Digital tweaks are far more effective and create greater audible differences than tweaks in analog music systems.

You can e.g. make the sound bigger and the bass deeper than you've ever heard before. You can make the sound stage more precise. You can optimize the speaker's acoustics if it's placed close to a wall and you can adjust the sound to the acoustics of your room.

There are many possibilities.

Welcome to a world where music sounds better than before and where you can optimize your music experiences to an extent that has not been possible before.

RAM TWEAKS are free and easy to use.

Update with the latest knowhow

A Silverback speaker has a built-in advanced Digital Signal Processor (DSP) that processes the audio signal and keeps track of all aspects of the sound.

The advanced DSP is an important component of the digital speaker and new digital technologies for DSPs are constantly being developed.

At System Audio, we want to give you the opportunity to update your music experiences with the latest technology advances.

That's why we invented RAM TWEAKS.

Now you can keep your speakers updated with our latest knowhow and the best sound.

But technology alone does not create a great digital speaker.

Technology can't stand alone

A truly musical and engaging speaker is more than just technology. The Silverback models' hand-built drive units are built as a craft at a high level.

The sound of the speakers and their interpretation of the music is the result of our expert work together with our group of test pilots. We have created and shaped the sound of the speaker.

Therefore, when you experience the sound of an SA speaker, it is not only the technology you hear. You also hear the result of talented people's passionate sense of sound.

In this respect, RAM TWEAKS is also a fascinating tool.

Choose from several ideal solutions

The sound in your room is the result of a teamwork between the acoustics of the speaker and the acoustics of your room. In the bass, we have [SA Room Service](#) to create a well-balanced sound, but in other frequencies a different tool is needed.

Some rooms have lots of furniture, others only have a few. Some rooms have a warm and friendly sound, while others sound harsh.

That's why we have different RAM TWEAKS for the same speaker.

All RAM TWEAKS are created as ideal solutions, but one of them will fit you and your room perfectly.

These differences are not small

They are big. Tweaks in analog music systems are often so small that only a few can hear them.

RAM TWEAKS takes control and adjusts the sound without coloring the sound or losing quality.

RAM TWEAKS can:

- Perfect the sound of the speaker
- Extend the speaker's frequency range
- Remove even microscopic colorations of the sound
- Define the sound balance of the speaker at any given volume
- Determine the frequency range of each drive unit
- Control the delay of each frequency
- Create a transparent and accurate sound stage
- Reconfigure the speaker from e.g. 2.5-way to 3-way or 4-way

RAM TWEAKS influence the structure of the sound, the experience of lightness and clarity, the quality of the sound when you play at low volume, the energy of the music and rhythmic drive.

Every single tweak has been thoroughly tested.

It is built on evidence and documented in a way that far surpasses tweaks in analog music systems.

You are free to choose from the tweaks available to your speaker.

You can change RAM TWEAK in your speakers as often as you like.



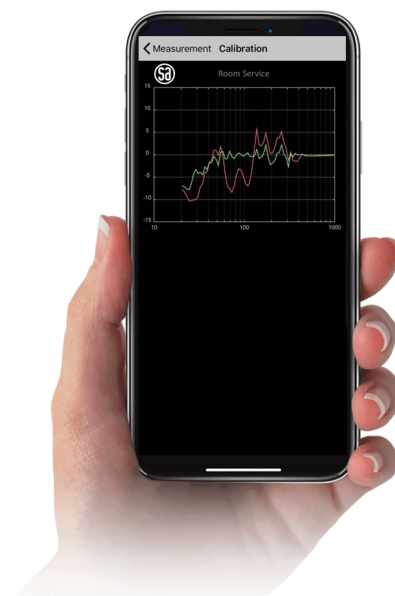
RAM TWEAK



RAM TWEAKS are installed through the USB on the Silverback module and by pressing the Connect button



RAM TWEAK data are stored in the speaker's advanced DSP processor



Are you using SA Room Service? Remember to run a new room correction when you've installed a new RAM TWEAK.

Manual

99DAX532-L5-RT200x.bin

↑
SA number

↑
Speaker model

↑
RAM TWEAK number

↑
Special info about this tweak

X = production model

W = wall placement

NF = near field

How to read the RAM TWEAK number

Each tweak has a number inside System Audio's server.

The beginning of the number is an internal SA number. The next number refers to the speaker model the tweak was created for (important) and then follows the RAM TWEAK number itself.

In general, **lower numbers have a warmer sound than higher numbers**. Higher numbers are generally more detailed in the sound, but there are also other differences that can't be clearly expressed in words.

It must be heard.

A RAM TWEAK number ending with 'x' is the version of the speaker which is in production.

If the number ends with 'w', it is a version specially adapted to placement near a wall.

If you are sitting close to the loudspeaker when listening (within about 1 meter), we recommend the 'nf version', which is optimized for near field.

We are constantly developing new RAM TWEAKS and encourage you to subscribe to our newsletter if you want to receive our news.

How to install RAM TWEAKS

Watch [this video](#) before updating the speaker (30 sec).

- Download the file to your computer
- Save the file on a USB-stick. Make sure that the USB-stick is FAT32 formatted. [Learn about FAT32 formatting in this video](#)
- Turn off the loudspeaker
- Press constantly on the Connect button
- Turn on the speaker (keep pressing Connect button)
- Note, that the light in the LEDs move around slowly. (release Connect button)
- Insert USB-stick
- Note, that the light in the LEDs move around quickly. (= succes)
- Turn off speaker
- Take out USB stick

The speaker is now updated



Award-winning sound since 1984

