

**THIS IS THE CURRENT FIRMWARE VERSION BUT UPDATING UNITS WITH OLDER VERSIONS IS ONLY CONSIDERED TO BE \*OPTIONAL\*. WE ARE RECOMMENDING THAT YOU INSTALL THIS FIRMWARE ONLY IF YOU ARE EXPERIENCING PROBLEMS WITH OLDER FIRMWARE.**

THIS FOLDER CONTAINS FIRMWARE FOR THE MC1 PROCESSOR AND MR1 AND MR1L RECEIVERS.

EACH OF THE THREE UNITS USES DIFFERENT FIRMWARE. YOU ONLY NEED TO DOWNLOAD THE FIRMWARE FOR THE UNIT YOU WISH TO UPDATE. (IF YOU DOWNLOAD OR ATTEMPT TO USE THE WRONG FIRMWARE FILE IT WILL BE IGNORED.)

THIS IS THE LATEST RELEASE - as of 2/23/2024 - v4.03

THIS LINK WILL TAKE YOU TO A FOLDER CONTAINING THREE SEPARATE FILES. PLEASE DOWNLOAD ONLY THE FILE THAT GOES WITH YOUR PARTICULAR MODEL AND COPY IT TO AN APPROPRIATE USB STICK.

[www.dropbox.com/scl/fo/beltajpcyrtvedxdjnbu/h?rlkey=vk2f9n3uv1xpyv8igk75r13gg&dl=0](https://www.dropbox.com/scl/fo/beltajpcyrtvedxdjnbu/h?rlkey=vk2f9n3uv1xpyv8igk75r13gg&dl=0)

MC1 = MC1\_v4\_03\_0906\_20231017  
MR1L = MR1L\_v4\_03\_0905\_20231017  
MR1 = MR1\_v4\_03\_0906\_20231017

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**RELEASE NOTES:**

**HOW TO CHECK YOUR CURRENT FIRMWARE VERSION:**  
To check what version of firmware you currently have... go to MENU | SETUP | ABOUT. The number listed as "MCU Version" is your current firmware version.

**HOW TO INSTALL THE FIRMWARE UPDATE:**  
- copy the appropriate firmware file onto the main folder of a FAT formatted USB stick.  
- insert the USB stick into the "Update" port.  
- go to MENU | SETUP | ABOUT | SOFTWARE UPDATE and follow the prompts (the update should occur automatically if you power the unit on while the stick is already inserted).

**WHAT HAPPENS IF YOU TRY TO INSTALL THE SAME FIRMWARE VERSION AGAIN?:**  
If the unit detects that you are attempting to reinstall the existing firmware version it will skip the update.  
(So there is no point in trying to re-flash the unit with the current firmware.)

**IMPROVED:**

- helps with ticks and pops in various situations that are the result of mute timing variations (this will especially help with ticks and pops for users who are using ARC/eARC).
- fixes the bug with manually entered distance settings for the subwoofer not taking effect.
- fixes the issue where EmoQ will repeatedly fail to "pass" for no reason in certain speaker configurations.
- better overall subwoofer performance after EmoQ calibration.