

## Room correction in TotalMix FX

Available for Fireface Series, MADiface XT II & HPDSe MADi FX

Selected RME interfaces now comes with an optimized handling of the existing 3-band PEQ in TotalMix FX. Under the hood a 9-band PEQ is built from three 3-band PEQs, usable on any output channel. Obviously DSP power is limited, so any activated Room EQ reduces the available total number of 3-band PEQs by that amount. That should be no issue though, there are plenty available.

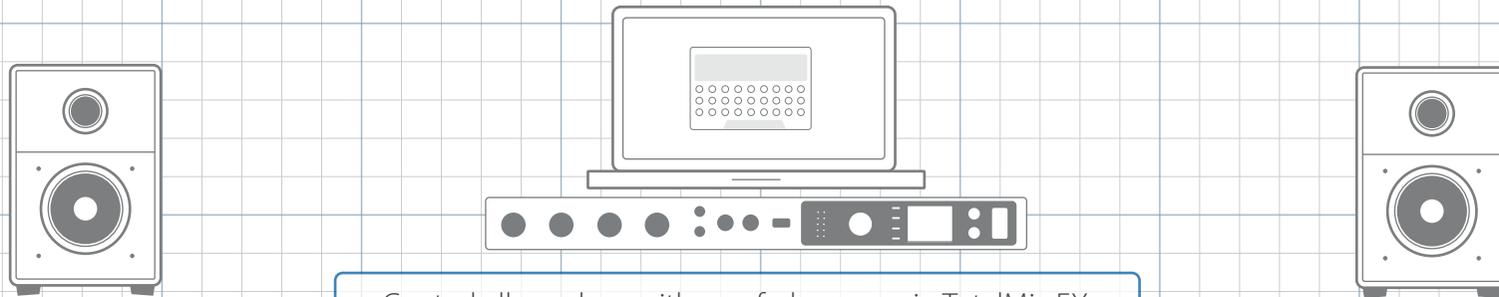
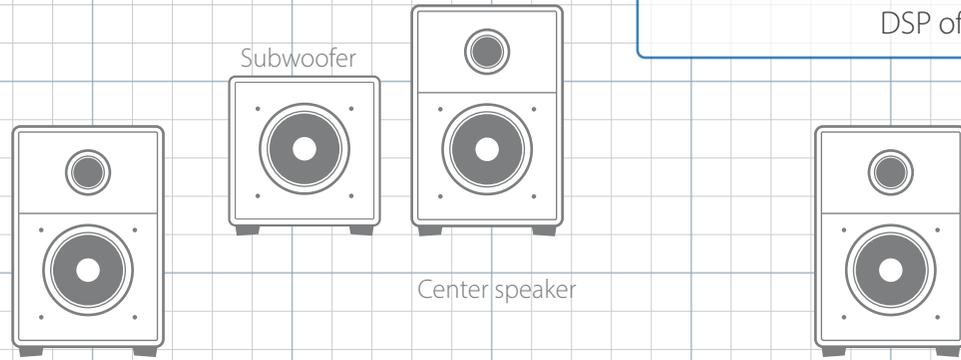
The maximum number of Room EQs is 20, so up to 20 mono output channels or 10 stereo output channels or any combination of these. That's more than needed for a 16 channel surround setup. Additionally the Room EQ window includes Delay, adjustable from 0 ms up to 42 ms, in steps of 0.01 ms. Up to 20 of these delays can be activated, matching the number of 9-band PEQs.

The Room EQ window also offers Volume Calibration through level adjustment from +3 dB down to -24 dB. This helps to set up all speakers in a usable way, without having to fiddle with the respective output channel's fader.

For headphone mixing, we also added the ADI-2 series' Crossfeed function. As known from these devices Crossfeed can be selected in 5 'strenghts', on a maximum of 6 stereo outputs (Fireface UFX II, UFX III, 802 FS & MADiface XT II) or maximum of 4 stereo outputs (Fireface UCX II). Crossfeed emulates speaker behaviour in terms of reduced channel separation, so the extreme wide ambiance often experienced with headphones is reduced a bit.



Measure your room and import the EQ settings directly from Sonarworks - SoundID or REW via TotalMix FX into the DSP of the RME interface.



Control all speakers with one fader group in TotalMix FX. Use the main out (integrated into the fader group) and the ARC USB for easy operation.

