



# Acourate

## High-End Room Sound Optimization

**Acourate is the ultimate software** for a perfect music listening experience. Measurement at the listening position, analysis and corresponding high-precision correction of room acoustics and loudspeakers take the sound of music to a new dimension.

**No two rooms are identical.** This means that the listening results are also different. **Acourate** improves these by creating optimized FIR correction filters for music reproduction - including the room.

**Acourate – a powerful audio tool** at an astonishingly fair price allows a simple measurement and sound correction through to setting up a complete high-end audio system with fully digitally activated loudspeakers.

**Acourate** runs on  **Windows**-based PCs.

**Acourate FIR filter formats** are available for:

- roon, JRiver Mediacenter, HQPlayer, ConvoProxy
- VST-/AU convolution plugins
- AcourateConvolver, AcourateNAS, Aroio, OpenDRC

Usable platforms are: Windows, Mac, Linux, Android

### Acourate Features:

- Room sound measurement
- Psychoacoustic evaluation
- Frequency dependent windowing
- Correction of:
  - Frequency response
  - Minimum phase response
  - Excess phase response
- Left/right phase adjustment
- Linearization + time alignment of active speaker paths
- Crossover types: BW, LR, Bessel, UB, NT, HK
- FIR filters up to 512k taps
- Versatile test signals
- IIR filters
- Multiple calculation functions
- Graphical support
- Simulation and verification of correction results
- Calculation accuracy 64/80 bit

