

# AN008 - C60 Application Note

## Microphone impedance

The **impedance response** of a microphone was investigated. The microphone has three tone controls that are used to adjust the Bass response. These also affect the impedance. Multiple plots were taken in an acoustically noisy room, which can cause small measurement errors.

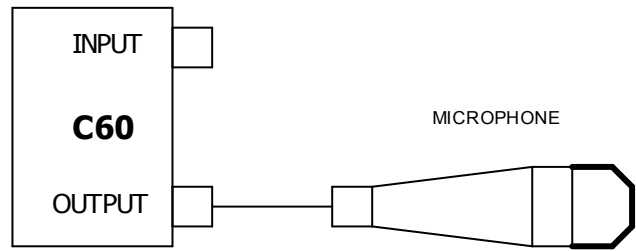


Figure 1. Connection diagram

Microphone impedance - 3 tone settings

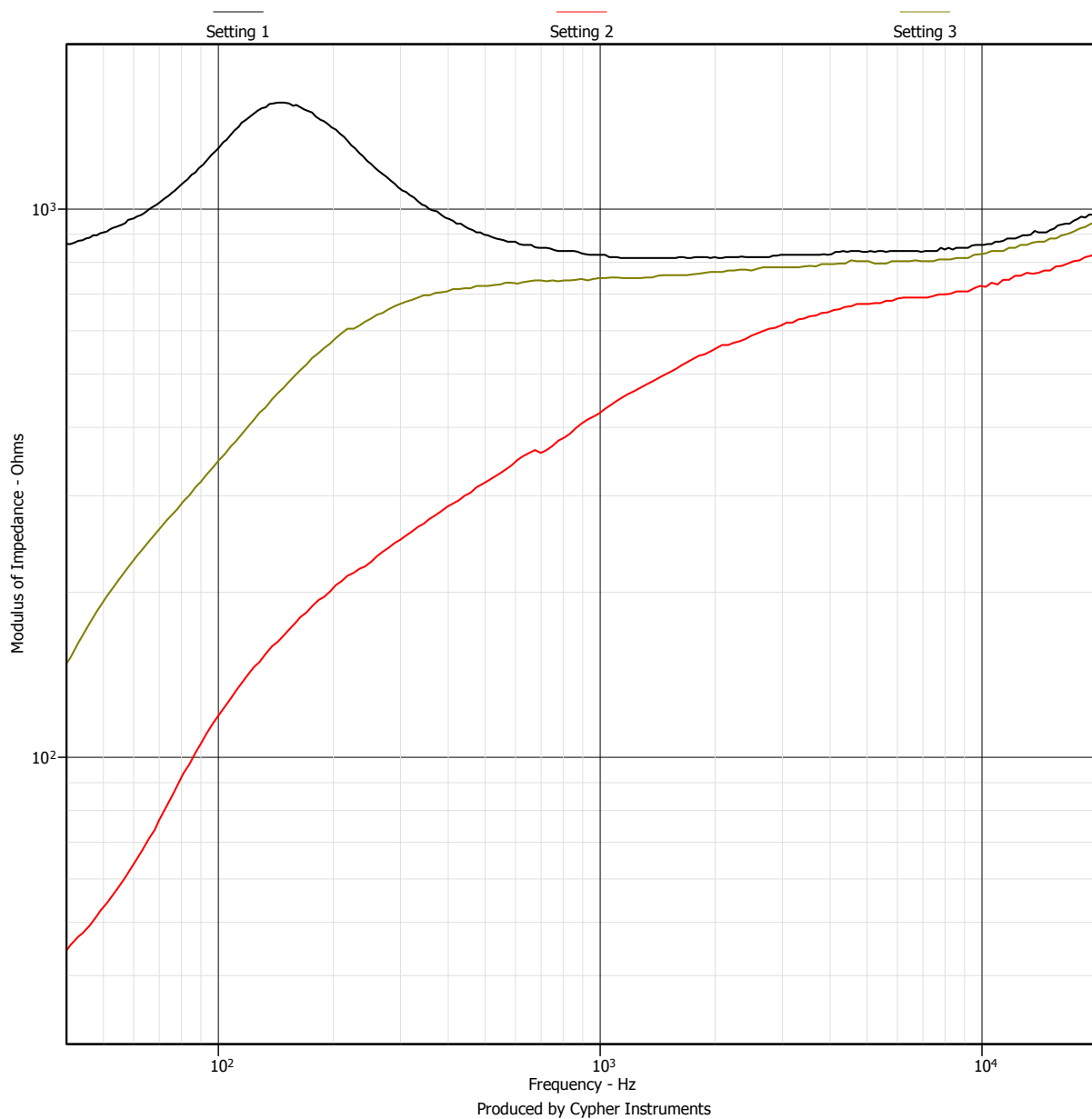


Figure 2. Impedance response of a microphone