

Power Amplifier Type 2734

For proper building acoustics measurements, a sound source which fulfils the relevant standards (for example, ISO 140) is required. Brüel& Kjær offers a complete range of sound sources for building acoustics measurements, including Tapping Machine Type 3207, single-speaker omnidirectional OmniSource™ Type 4295 and 12- speaker omnidirectional OmniPower™ Type 4292-L. Power Amplifier Type 2734 can drive both OmniPower and OmniSource. Optional carrying cases for the sound sources are available, as well as wireless control systems for use with Hand-held Analyzer Type 2250 and the dual channel Type 2270.

 [Product Data](#) ([English](#), [French](#), [German](#))

Uses

- Architectural and building acoustics
- Measurement of:
 - Airborne sound insulation
 - Reverberation time
 - Impact sound level

Features

- Part of a complete building acoustics system featuring Brüel& Kjær's Hand-held Analyzer Type 2250 or 2270
- Two omnidirectional noise sources
- Tapping machine for impact sound level measurements
- Remote operation via cable or wireless remote control
- Satisfies national and international standards
- Robust
- Easily portable

Type 2734 Power Amplifier is designed to power sound sources in building and room acoustic field measurements.

Compact, light weight and built into a robust flight case, it is easy and safe to carry and transport to the measurement location.

All connectors and controls are on the front for easy access, and the amplifier may rest on its underside or rear side as required for convenient operation.

With its calibrated controls and level indicator lamps, getting the output level right and reproducing previous settings is simple. For flexibility, the amplifier has XLR, jack and BNC input sockets. A sensitivity selector in 10 dB steps adapts the amplifier to a variety of source signal levels and sound sources. Maximum output power is 500 W with a frequency response of 20 Hz – 20000 Hz within +/- 1 dB.



Power Amplifier 2734 – part of the Building Acoustics range

Two models of Power Amplifier Type 2734

The 2734 Power Amplifier is available in two versions. Type 2734-A is the basic version, while the 2734-B includes a wireless audio system to accommodate 'cable free' transmission of the building acoustics test signal between measurement system and amplifier. Wireless operation has many advantages not least the convenience and speed of source and receiver position changes during the assessment.

The measurement systems

The 2250/2270 analyzer's generator signal can be connected to the Type 2734 input, to provide the pink or white noise used in building and room acoustics.

With the Type 2734-B, simply plug the Type 2250/2270 generator signal into the pocket wireless transmitter. The 2250 generated test signal is then...

For a full Description and Specifications, see [Product Data](#)