



BAS006 Impulsive Source

Impulsive Noise Excitation for Reverberation Time Measurement in Buildings

Highlights

- Use for ISO 10140, ISO 140, DIN 52210, and BS 5821 Measurements
- Maintenance free design
- Simple, easy to use

Applications

- Measuring Reverberation Time
- Building Acoustics
- Room Acoustics



The BAS006 is an innovative device used to create impulsive noise that includes low frequency energy and avoids problems like secondary bounce. These characteristics make it a great choice for quickly measuring reverberation time when the complexity and weight of a speaker and amplifier is not needed.

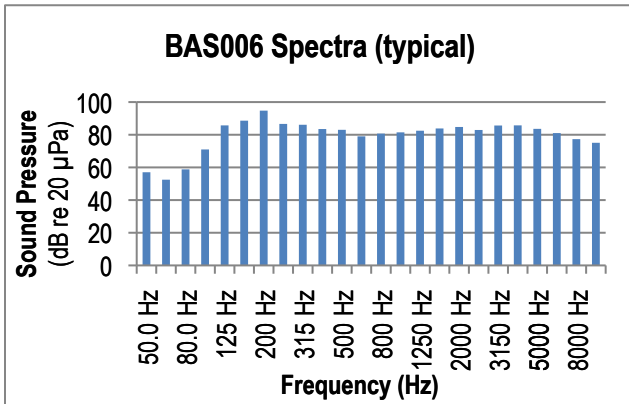
Use the BAS006 with a Larson Davis sound level meter to automatically detect the impulse and perform the ensemble averaging so you can measure decay times quickly with full results right on the meter.

Data can then be imported from the Larson Davis sound level meter into DNA software for full analysis and reporting capability.



| Specifications | |
|---------------------|---------------------------------|
| Model Number | BAS006 |
| Acoustic (Typical) | |
| Peak Sound Pressure | 100 - 120 dB re 20 µPa |
| Hearing Protection | Required during use |
| Repeatability | Good with minimal practice |
| Mechanical | |
| Size (H x W x L) | 24 x 8 x 5 in. (61 x 20 x 8 cm) |
| Weight | 11.4 lbs. (5.2 kg) |

| Related Products | |
|------------------|---|
| 831-RI | Model 831 Sound Level Meter |
| 831-RT | Reverberation Time Option for Model 831 |
| BAS001 | Omnidirectional Sound Source |
| BAS002E/U | Lightweight Amplifier for BAS001 and BAS003 |
| BAS003 | Directional Source |
| BAS004 | Tapping Machine |
| TRP023 | Heavy Duty Tripod for BAS001 or BAS003 |
| SWW-DNA-BA | DNA Software option for Building Acoustics |



Directional Source
BAS003



Omnidirectional Source
BAS001



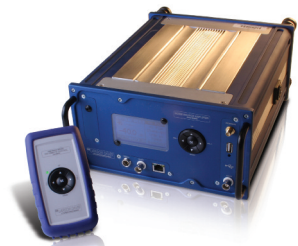
Tapping Machine
BAS004



Heavy Duty Tripod
TRP023



Sound Level Meter
831-RI



Lightweight Power Amplifier
BAS002U/E



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