



> **Radio Bremen**

KAEFER Construction GmbH, Bremen

Summary	New building for Radio Bremen; radio and television combined in single location
Location	Radio Bremen, Diepenau 10, 28195 Bremen
Build time	May 2006 to December 2007, February 2008 until now
Client	Radio Bremen, Diepenau 10, 28195 Bremen
Architect	Böge-Lindner Architekten, Brooktorkai 15, 20257 Hamburg
KAEFER's role	Construction of high-quality acoustics for 40 radio and television studios with door elements (50 dB), glazing (50 dB), raised and cavity floors, acoustic interior facades, office doors, sliding doors up to 3.5 m x 3.0 m (50 dB), acoustic wall-panelling as broadband absorber, fire-resistant cladding for lifts up to 7 m high, acoustic ceiling cladding.
Challenge	To achieve high acoustic values for the studios with more than 80 dB insulation and decoupling of structure-borne sound.
Our solution	Room-in-room construction, partly free-standing or suspended, with special pendular elements (supporting up to 650 kg each)
Added value for client	Complies with or exceeds the required acoustic specifications, coordination between structural and acoustic engineers and architect by KAEFER. Studio planning by KAEFER.

