

TRADITIONAL FLOORS

Transducers may be mounted under the floor by attaching a hardwood bridge between adjacent floor joists, or by installing a 2" x 6" bridge with a curved niche. When installing under a floor, access may be from the basement or the ceiling below the floor. The Transducer will be mounted to a bridge connected between adjacent floor joists.

If your goal is to excite the area of the floor directly beneath a chair, then attach the Transducer to the closest joist underneath the chair.

Note: Carpeting and padding may reduce the tactile effect.

PLATFORMS

Recommendation: Clark Synthesis recommends using only TST429 Platinum Transducers for platforms. Use one TST429 Platinum Transducer for every 4 ft. by 8 ft. area of the platform.

Platforms are a great alternative to mounting a Transducer directly to a chair. This method is especially practical in home theaters with multiple rows of seating placed on platforms. An activated platform will deliver tactile sensations to your feet as well as the rest of your body via the chair.

Whether constructing a new platform or fitting Transducers onto an existing one, space the Transducers an equal distance from each other and the edges of the platform. If using only one Transducer, locate the Transducer in the center of the platform. Be sure to leave a way to access the Transducer should service be required.

To minimize energy loss into the floor, use isolation feet between the platform and the floor. Do not glue a platform to a concrete floor.

Clark Synthesis recommends using plywood or hardwood for the platform's top surface. **DO NOT USE MDF** (medium-density fiberboard). We highly recommend using adhesive and screws instead of nails. Loose fitting joints can cause unwanted vibrations and buzzing noises.

