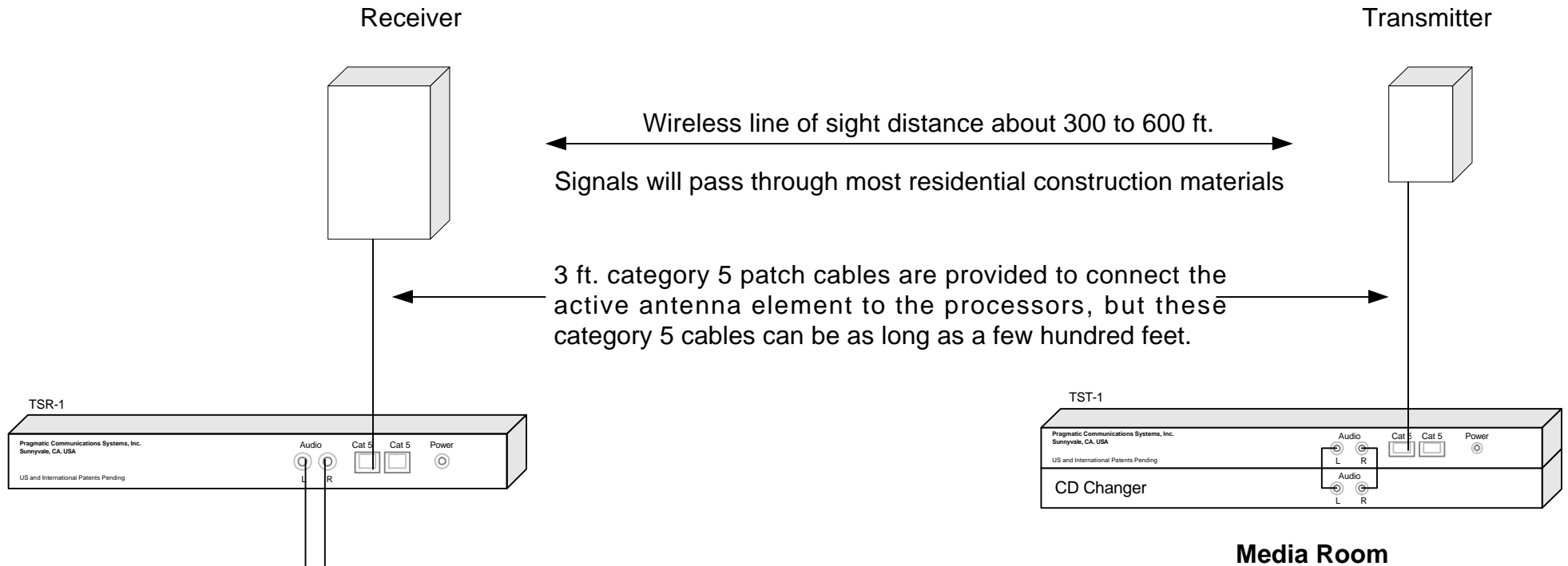


Typical application of the high performance wireless TrueMusic™ stereo audio system



APPLICATION HINT :

The TrueMusic™ wireless audio system is very easy to set up. Connect the stereo audio signals from your source (eg. CD changer) to the TST-1 Transmit signal processor using standard RCA patch cords. Using a category 5 patch cord, connect the processor to the active antenna element. Please conform to EIA568A or EIA568B standards for the category 5 cables and RJ45 connectors. Place the active antenna element at a higher vantage point with the flat surface towards the general direction of the receiver. Similarly connect the receiver active antenna element to the TSR-1 Receive signal processor. For the best reception, also place the receiver active antenna element at a higher vantage point and face it in the general direction of the transmitter. If possible, avoid any large metal objects in the immediate vicinity of the active elements because the metal causes the RF waves to bounce around. The system should mute in an event of interference. The radio waves will transmit through most standard building materials, except exterior aluminum sidings and stucco with chicken-wire backing.

Features:

Transmission range : ~300 ft. w/ 50,000 uV/m @ 3 meters

Audio input : 1.0 Vpp @ 100K Ohms

Audio output : 1.0 Vpp @ 100 Ohms

Receiver frequency range: 2400 - 2483 MHz

Frequency response: 10 Hz - 24 KHz

Noise level : -90 dBV (typ.)

Stereo Channel Crosstalk : -90 dBV (typ.)

Total Harmonic Distortion (THD): 0.03% (typ.)

Automatic Mute mode