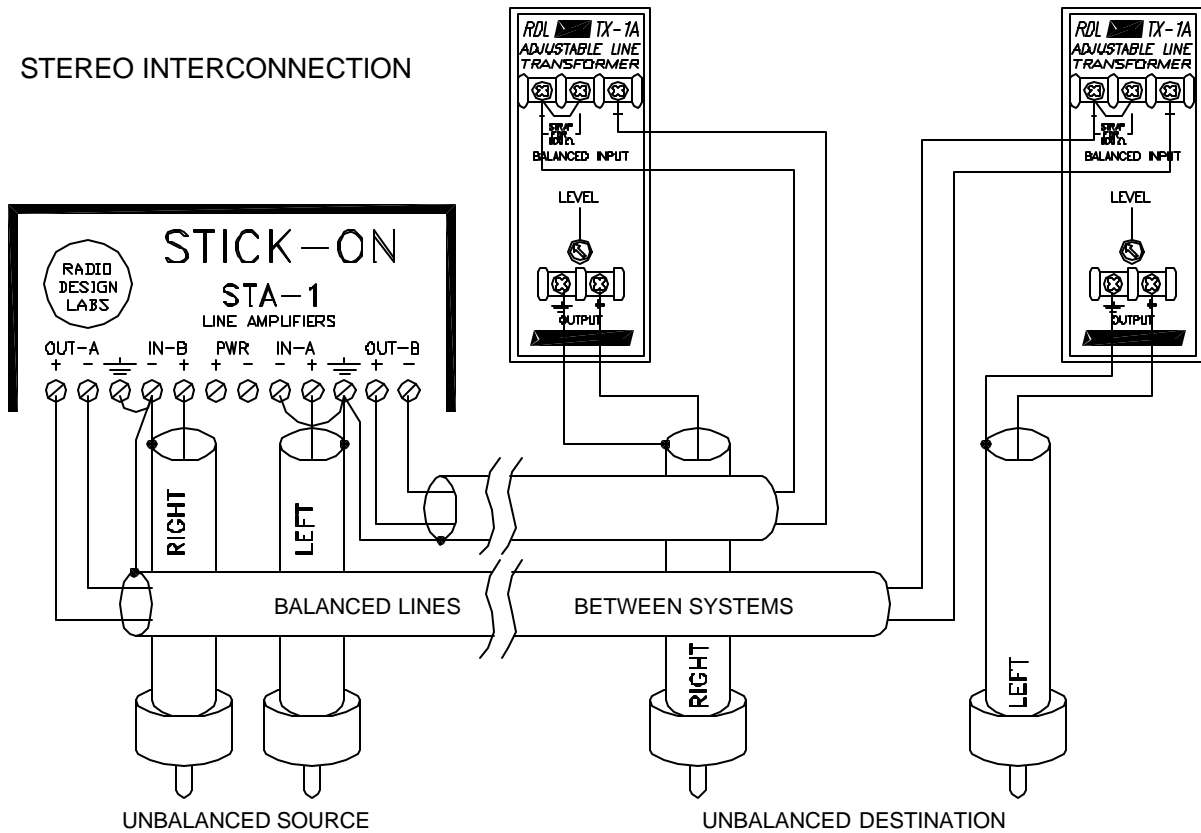
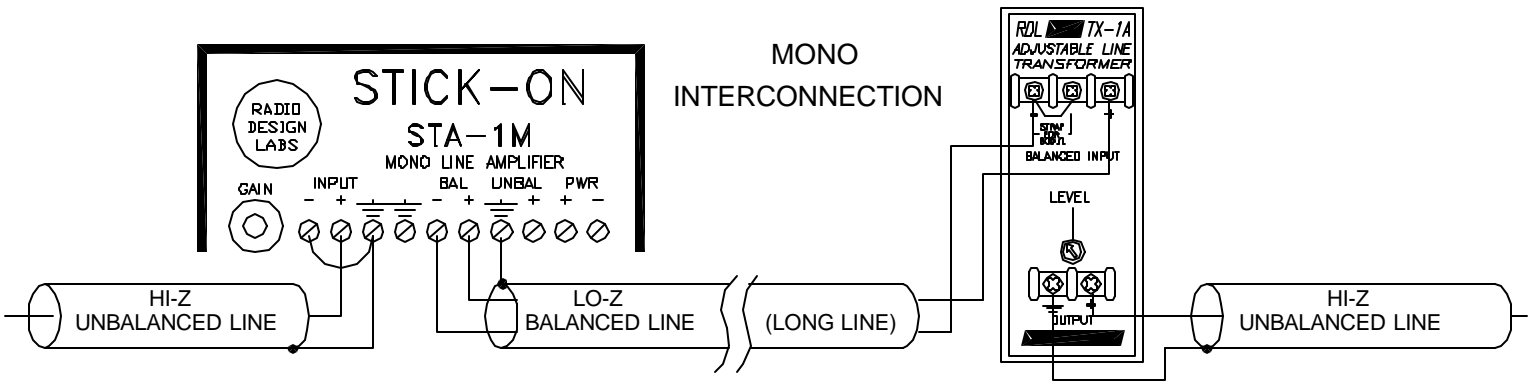


GROUND-LOOP SUPPRESSION

STEREO INTERCONNECTION



MONO INTERCONNECTION



For optimum, correct facility performance, good engineering practice dictates that audio line-level interconnections between facilities be made using balanced lines. This might simply be a feed from one studio to another, or from one building to another in a large sound system. Noise is often introduced due to differences between the AC power service potential and grounds at each end. The drawings shown set up a balanced line driving a transformer input, with no shield connected through, thereby isolating the two ends from each other electrically. Audio levels should be adjusted so the balanced lines operate at facility-standard (typically 0 dbu or +4 dbu).