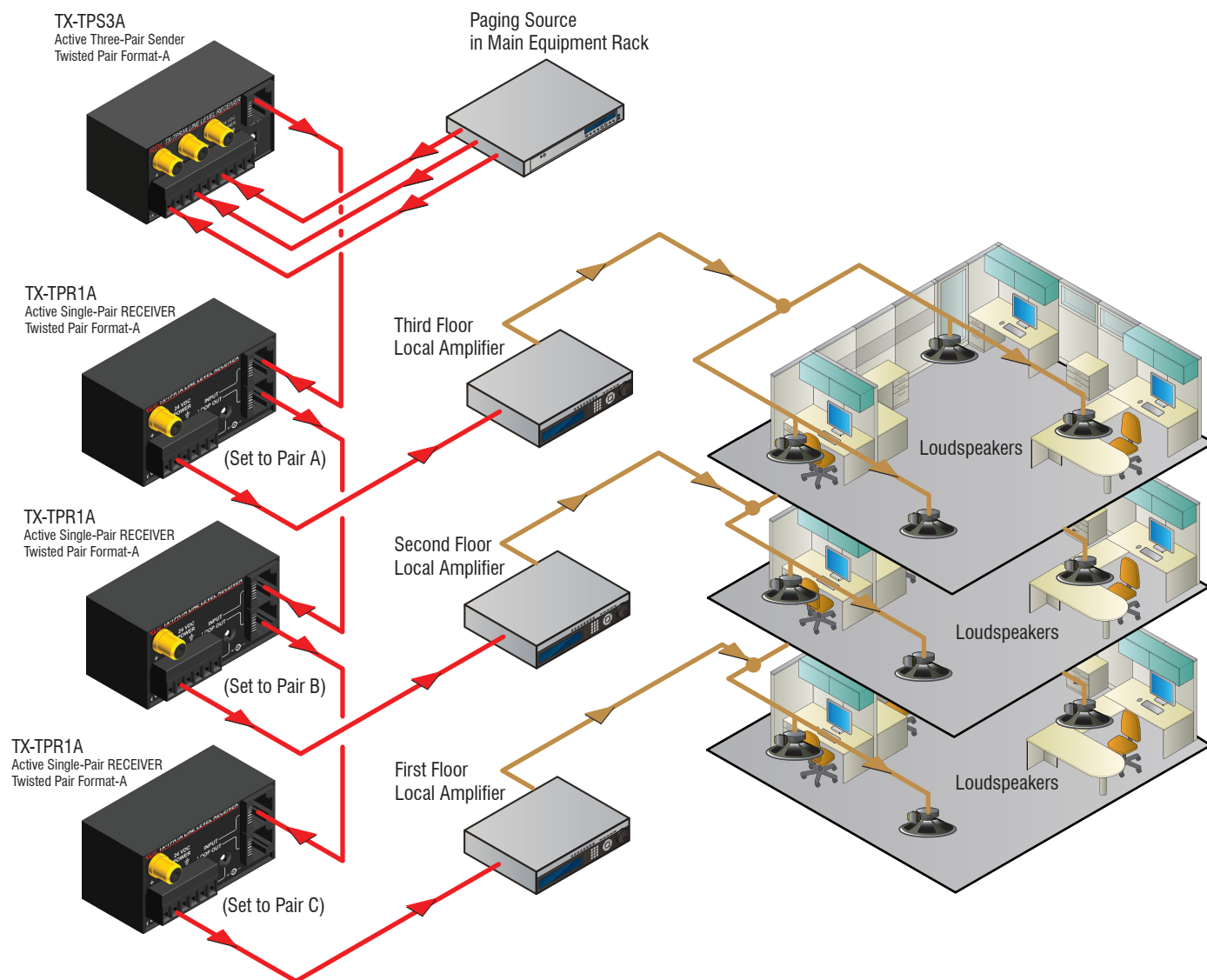


PAGING DISTRIBUTION IN LARGE OFFICE COMPLEX

Zoned Paging for Multi-Story Office Building



Description:

Installed UTP (unshielded CAT5, CAT6 or similar) cable is used to distribute facility-wide paging to multiple floors or zones. The three paging sources for this multiple story building are fed to the RDL TX-TPS3A Active Three Pair Sender. Its RJ45 output is fed to a twisted pair receiver on one floor, then in turn to additional receivers on the other two floors. By setting each TX-TPR1A receiver to a different receive pair (A, B or C) each floor receives its own paging source. An All Call initiated at the main paging station will page all floors simultaneously. All connections use UTP terminated with RJ45 plugs. A TX-TPR1A Active Single Pair Receiver on each floor delivers line-level paging audio to the local amplifier.

Each Format A twisted pair receiver bridges the UTP cable, allowing the source signal to continue on to multiple receivers. The receivers are powered from the TX-TPS3A sender. (Note: If the total distances between the receivers exceeds the recommended cable length for the cable type used, one or more additional power supplies may be required. If needed, an additional power supply may be connected to any of the receiver modules. Consult the Format-A twisted pair data, or RDL technical support for more information.)