

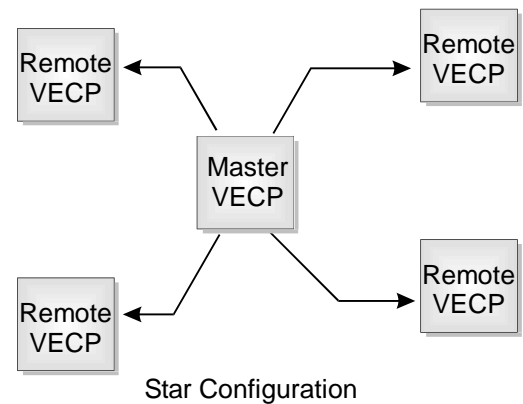
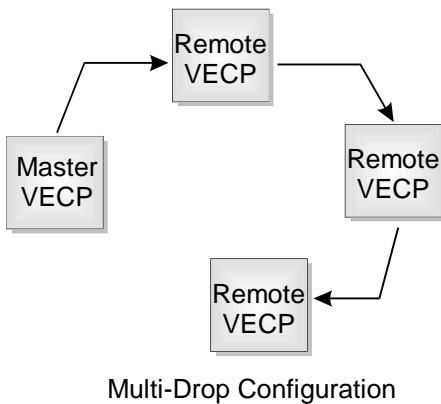
The **AU-360 Series Voice Evacuation Control Panel (VECP)** can be configured as a Distributed Audio system. The Distributed Audio system provides a fully supervised connection of a network of VECPs.

Connection between panels on the network consists of two (2) pairs of wires. One for the Audio Line (25 VRMS) and the other for a PTT (Push To Talk) Line control signal. Automatic and manual paging over the VECP network is possible either in All-Call mode or via selective paging-by-zone.

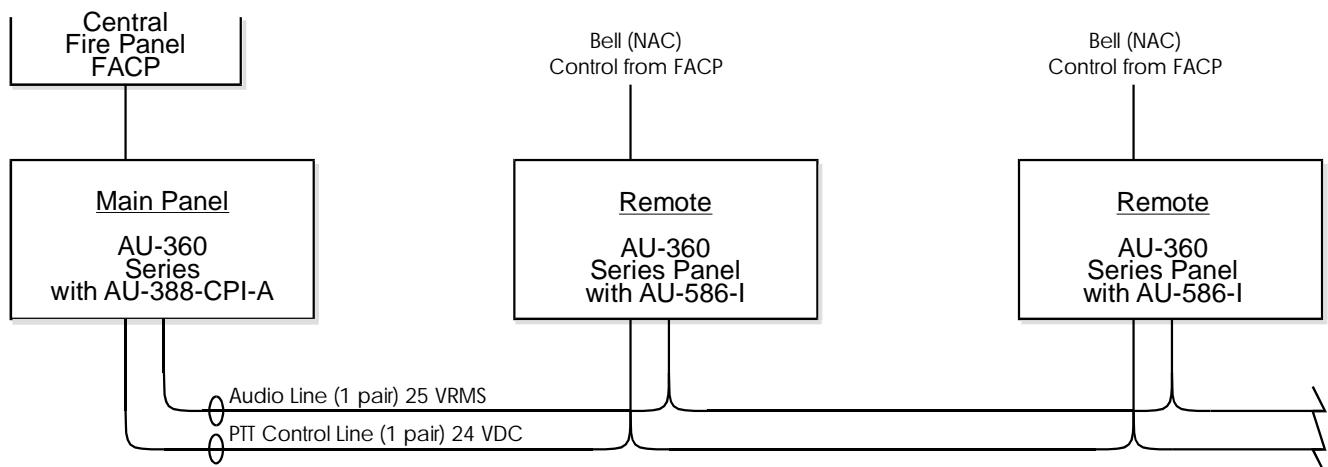
The remote panels can be connected to the Master (Head End) panel by either a Multi-Drop or a Star Configuration. The Multi-Drop configuration, sets up a series of Remote VECPs connected from one to the other, similar to a standard NAC loop. With the 2 pair connection starting at the Master VECP and going from one Remote VECP to the next, ending in the last Remote VECP with the supervisory EOLR.

The Star Configuration has each Remote VECP connecting to the Master with it's own 2 pair cable, such as multi-zoned NAC loops.

See the illustrations below for examples of each.

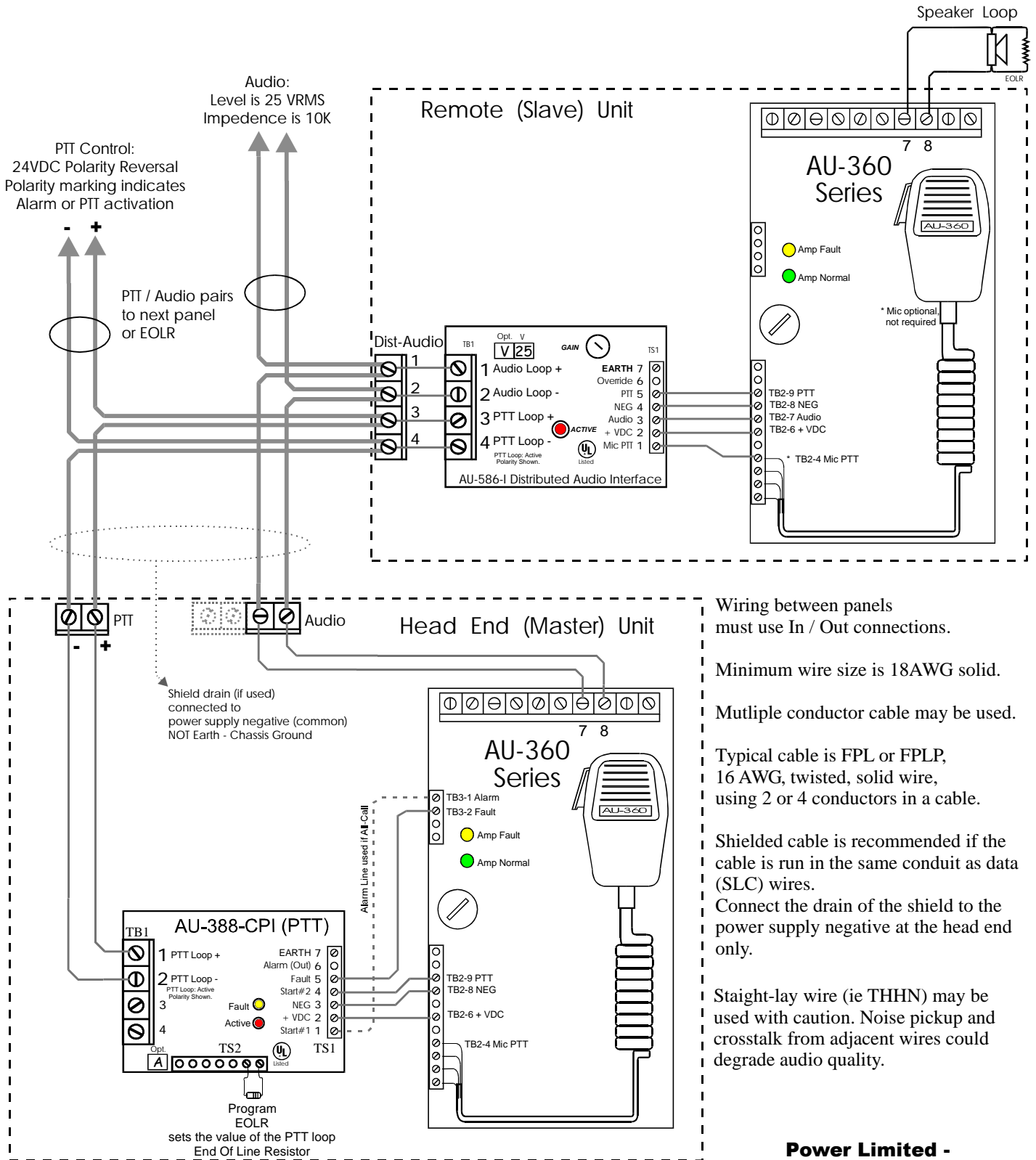


Block Diagram - Typical, Head end and two Remote Panels



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Voice Evacuation Alarm System Distributed Audio Connection



- Wiring between panels must use In / Out connections.
- Minimum wire size is 18AWG solid.
- Multiple conductor cable may be used.
- Typical cable is FPL or FPLP, 16 AWG, twisted, solid wire, using 2 or 4 conductors in a cable.
- Shielded cable is recommended if the cable is run in the same conduit as data (SLC) wires.
- Connect the drain of the shield to the power supply negative at the head end only.
- Straight-lay wire (ie THHN) may be used with caution. Noise pickup and crosstalk from adjacent wires could degrade audio quality.