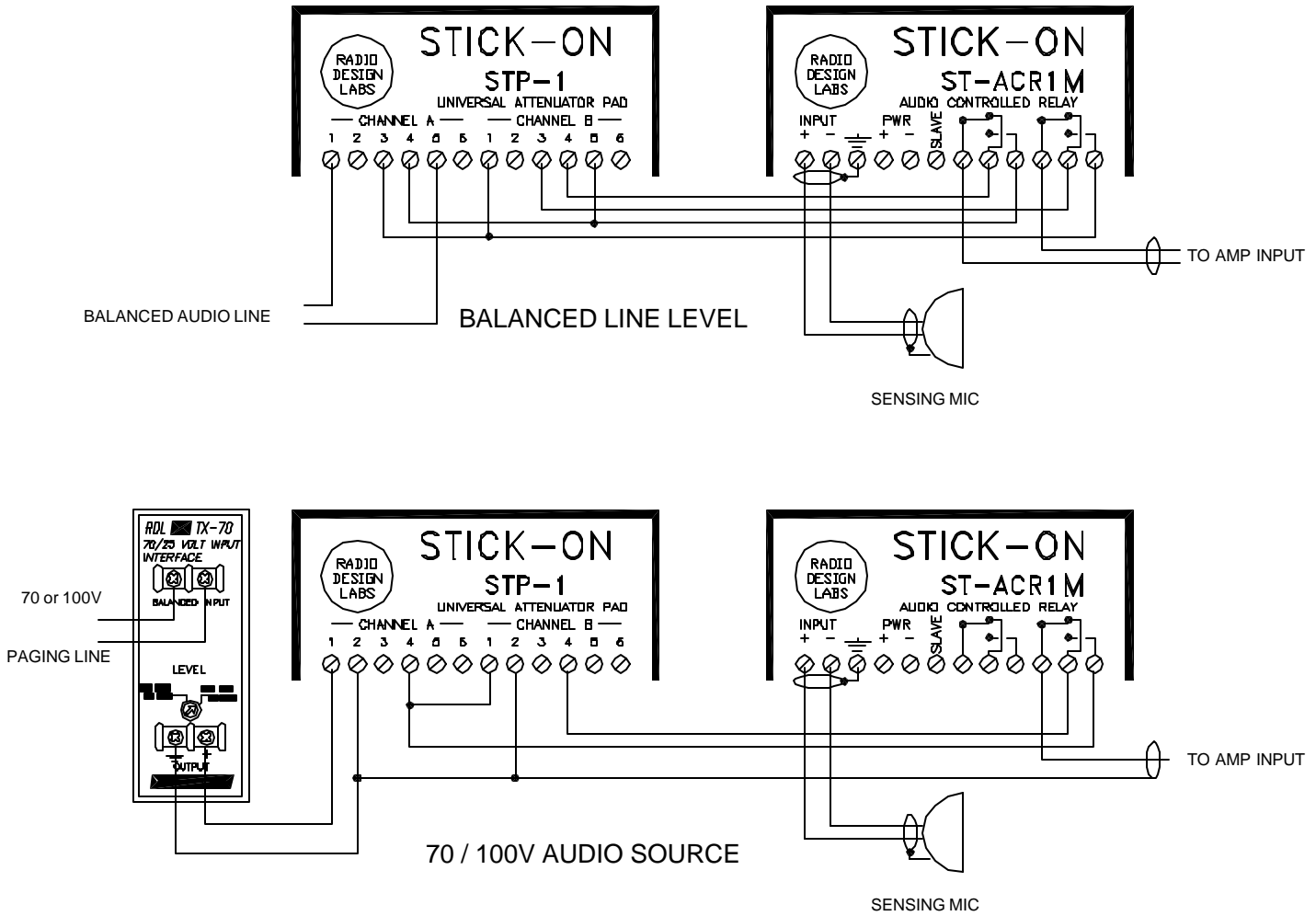


AUTOMATIC STEPPED LEVEL ADJUSTMENT FOR AMBIENT LEVEL CHANGES



- Set "A" channel pot on STP-1 for proper level during high ambient noise (ST-ACR1 activated).
- Set "B" channel pot on STP-1 for proper level during low ambient noise (ST-ACR1 deactivated).
- Adjust ST-ACR1 sensitivity control to trigger ACR during high ambient noise (but not on regular paging).
- Do not locate sensing mic such that it picks up and triggers the ACR during normal paging.

The circuit shown is ideal in applications where paging signals into a power amplifier are normally OK, but at times a high ambient noise level makes the paging impossible to hear. This would be common in a factory setting where heavy machinery is in use at some times, making higher sound system levels necessary while the machinery is operating then again restoring the level to normal when the machinery is no longer operating.