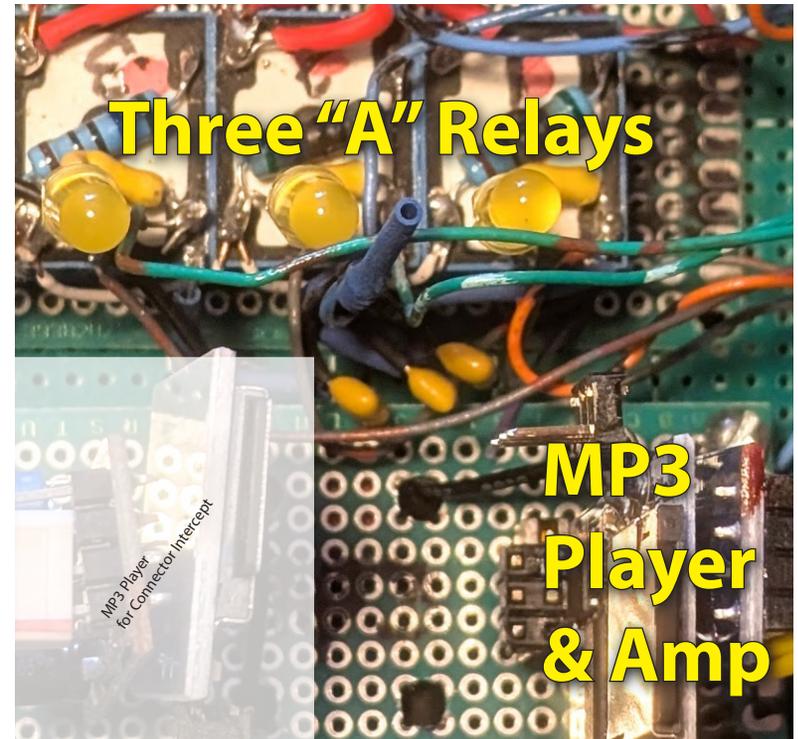
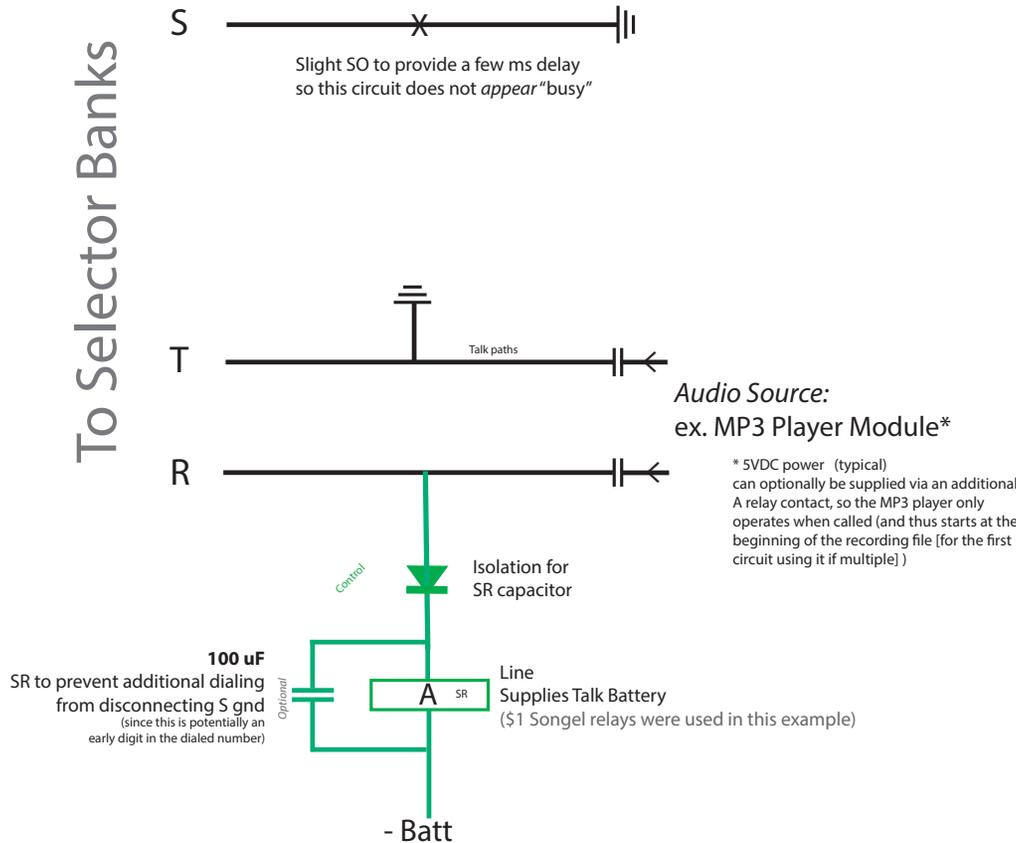


SIMPLE SELECTOR-LEVEL "INTERCEPT" CIRCUIT

(Vacant Level or Reserved Number)

SUMMARY: This shows a simplified circuit for playing an intercept recording ("I'm sorry the number...") in the context of SxS Dial PBXs used by museums, hobbyists or collectors. Although not replicating exactly how historic Central Offices operated, this gives the resulting effect for demonstration purposes. This page shows the circuit needed for responding to a Selector's (first) digit (for example) dialed that is not implemented, not-a-number, or otherwise not in service. Multiple circuits are needed for multiple simultaneous usages (different bank rotary positions, etc.) since once this is seized, other Selectors would find this rotary position busy due to the ground on S. The next page shows a similar circuit for the context of a Connector. Unrelated to Intercepts, any audio could be played: tones, weather, time&temp, music, etc.



An LM386 amplifier module provides a 1 W output. This inexpensive module was used to isolate the more sensitive MP3 player module. SxS switch spikes occasionally blew these. The edge connector was re soldered to be rotated for convenient (space-saving) vertical mounting.

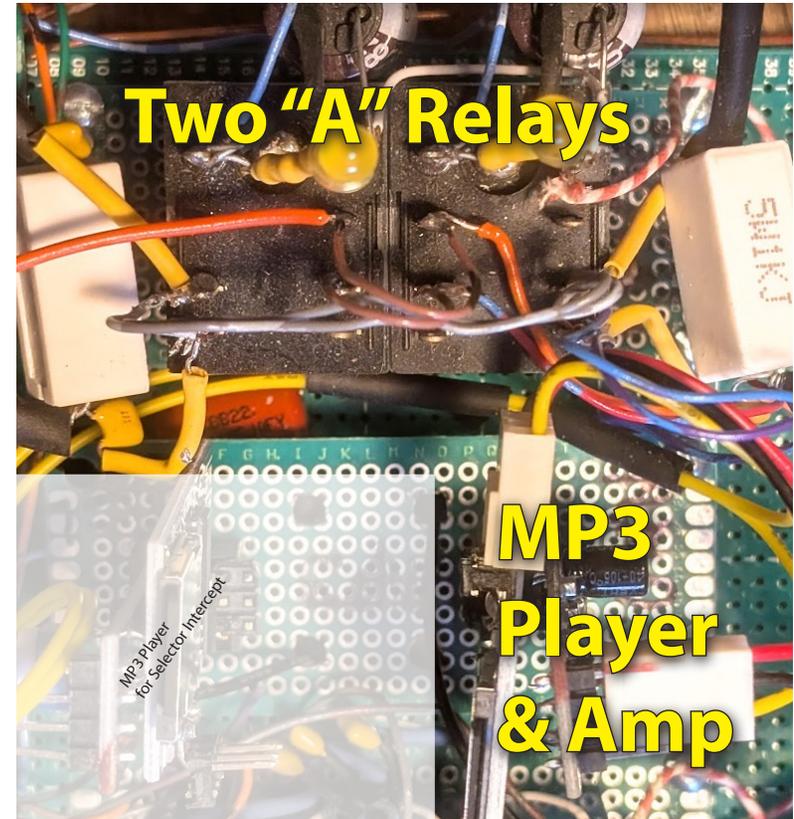
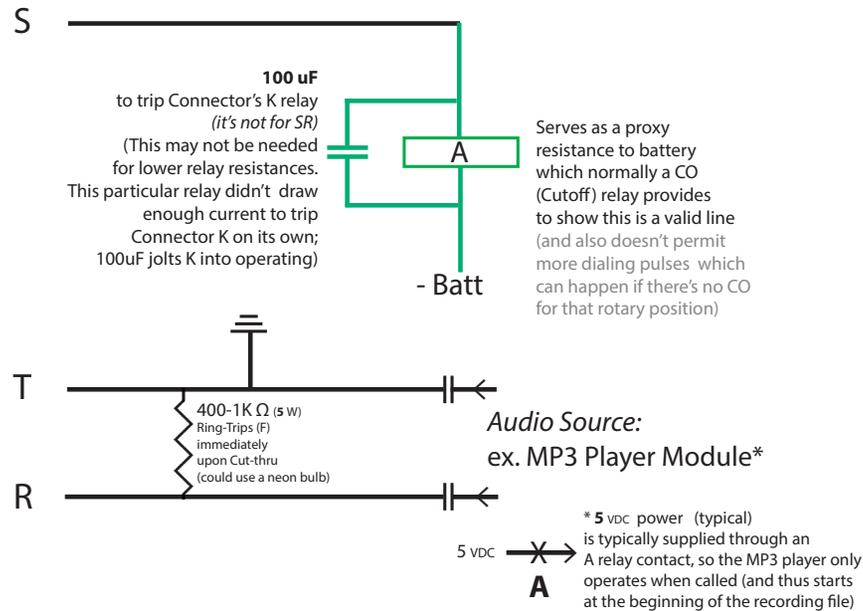
Demonstration schematic above only considers one concurrent usage. (Replicate the circuit for multiple instantiations.)

*Picture shows three circuits (relays) all using **one** MP3 player which just repeats continuously. The three circuits can be used for one "number" (level) with rotary-hunt availability searching, or completely different numbers (Selector bank levels).*

SIMPLE CONNECTOR-LEVEL "INTERCEPT" CIRCUIT

(Vacant, Changed, or Reserved Number)

To Connector Banks



An LM386 amplifier module provides a 1 W output. This inexpensive module was used to isolate the more sensitive MP3 player module. SxS switch spikes occasionally blew these. The edge connector was re soldered to be rotated for convenient (space-saving) vertical mounting.

Demonstration circuit above only considers one concurrent usage.

*Picture shows two circuits (relays) all using **one** player which starts when one of the relays is operated. The two circuits are for different numbers. Once operated, this line (number) will be busy if other callers call it.*