

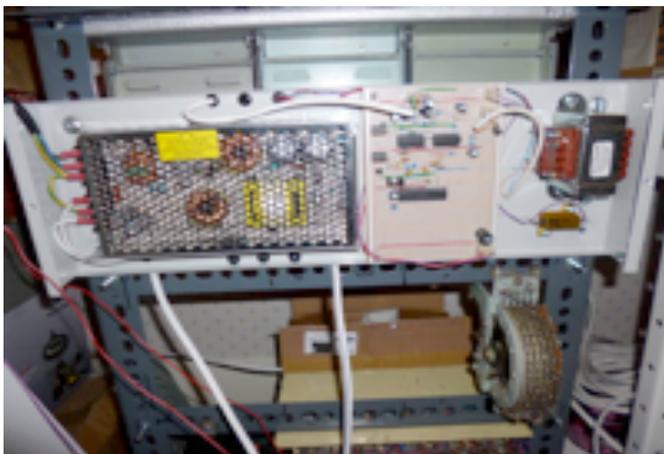
Andrew Beer, a BT pensioner who previously worked on Strowger equipment is a member of Facebook Group - GPO Telephones and he has been engaged in an interesting project recently to build a small 10 extension demo exchange using old Strowger, Pre 2000 equipment from various sources. The exchange has been installed in his new home

PROJECT 1. Small Exchange: a small 10 extensions demo exchange that I recently built for my new home.

The unit, pictured right, consists of a type 1 uniselector as a linefinder, a GPO pre 2K 200 outlet group selector (from a non-director public exchange) and a pre-2K 100 outlet final selector from an unknown PAX.

The light straw coloured box at the bottom contains the line relays which are from a 2000 type ND subs uniselector rack.

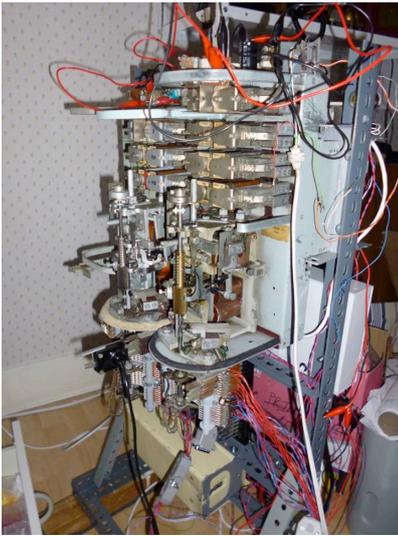
The relay set on the left of the two selectors is built to a custom circuit to work the linefinder, to match balanced call tones to unbalanced tones (for pre 2K circuits), to provide an outgoing line circuit (to another system) and a call intercept circuit.



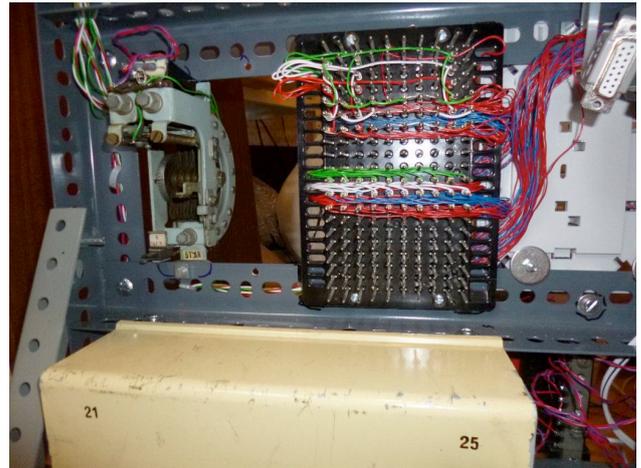
The Tones required are provided by an electronic circuit of my own design, pictured left, These tones are based on the old UK standard tones that were used in Strowger exchanges

The exchange is fairly portable, being connected to the external wiring via a set of RJ45 cables and mounted on a Dexion frame with rubber coated wooded feet.

Pre 2000 type Selectors with covers removed



Bank Wiring Terminations



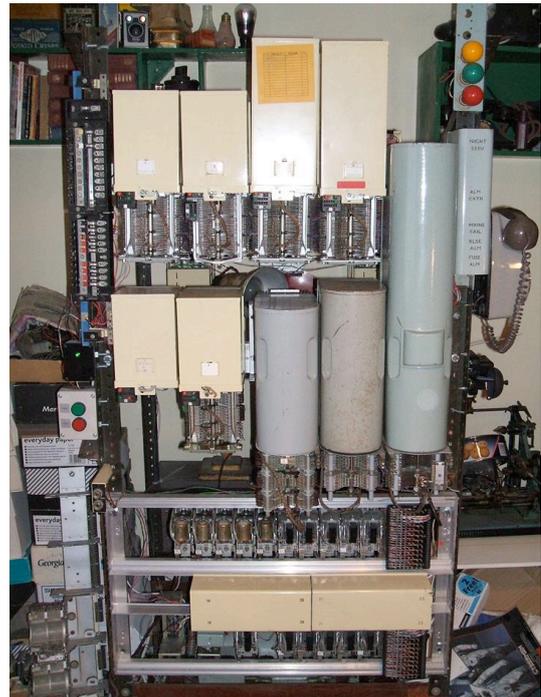
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PROJECT 2. Large Exchange: Having just been suitably impressed by Andy's **Small Exchange**. He then gives details about another **Large Exchange** that he built some years ago.

This exchange consists mainly of non Director 2000 type equipment that was obtained by BT from Basildon exchange. This provides two sets of connecting equipment with a 3 digits numbering scheme. It uses Subscribers uniselectors instead of linefinders.

There is also some pre-2K mixed in and also a mini UAX12 system added to make it more interesting.

I remember the 2000 type equipment was delivered to Danbury exchange and I picked it up from there. The equipment was part of a consignment recovered from Basildon to keep Danbury ND Strowger exchange going.



The exchange is still working at my parents home and is used to call from room to room.

By Kind Permission of Andrew Beer