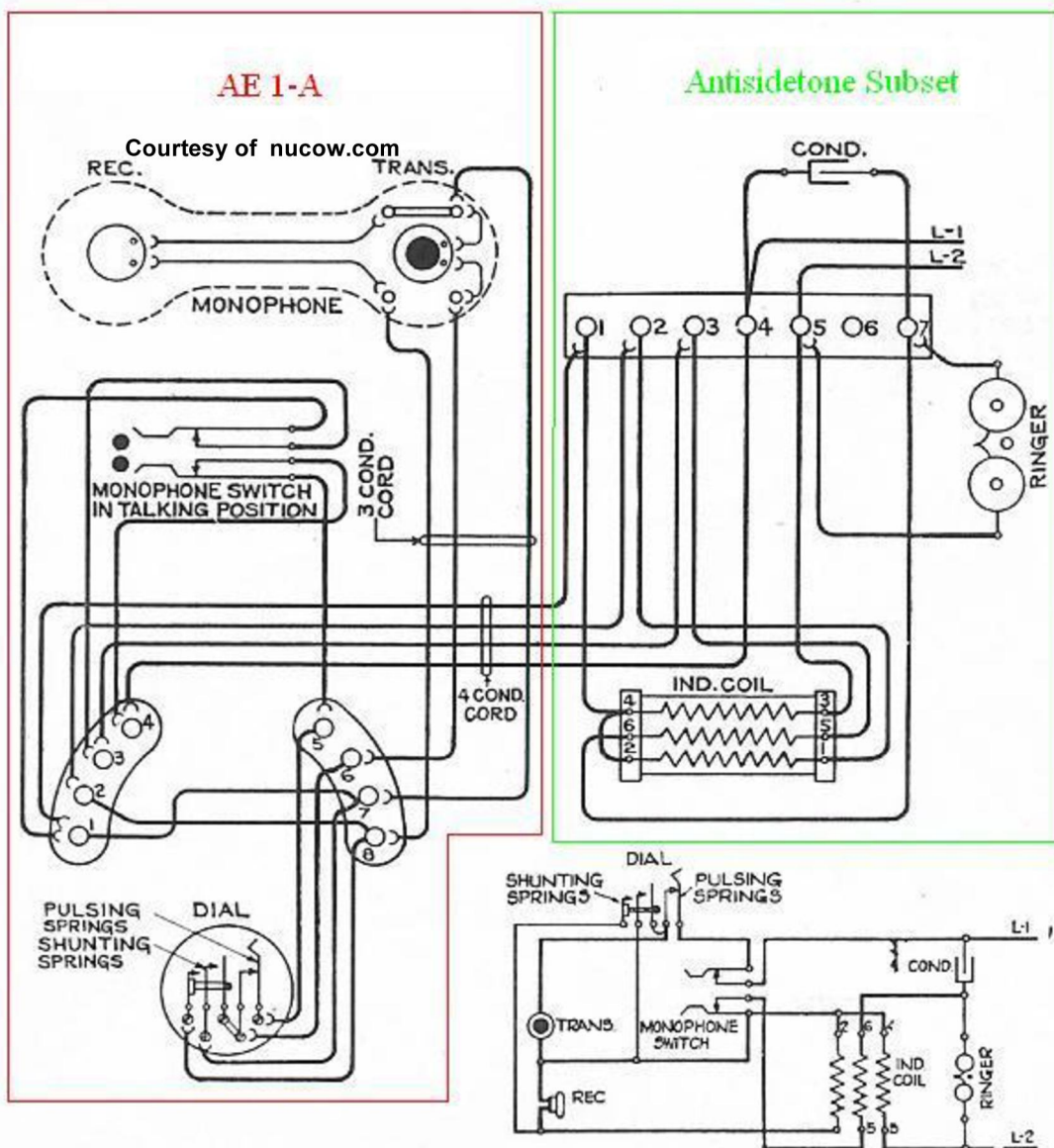


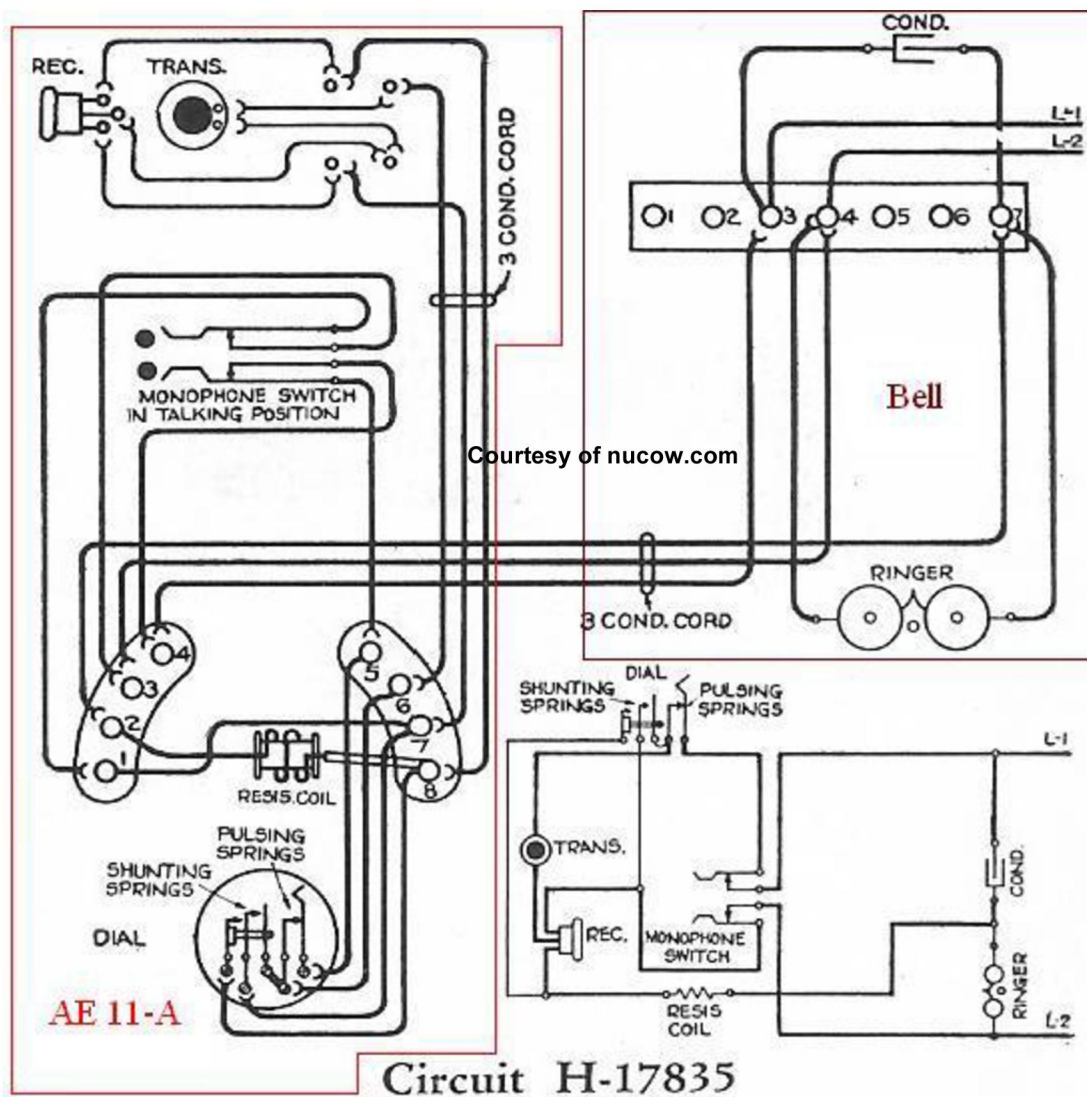


Automatic Monophone Desk Set No. 1-A



Circuit H-17824

Shown above is the AE 1-A and its circuit. The AE 1-A is designed to work with an anti-side tone subset such as the Type 21.



Externally, the AE 11-A is identical to the AE 1-A but the 11-A uses a different receiver element and is a complete telephone except for a bell. The anti-side tone circuit of the 11-A uses the special receiver element. The receiver is un-biased (there is no magnet) and required a DC current to bias it.

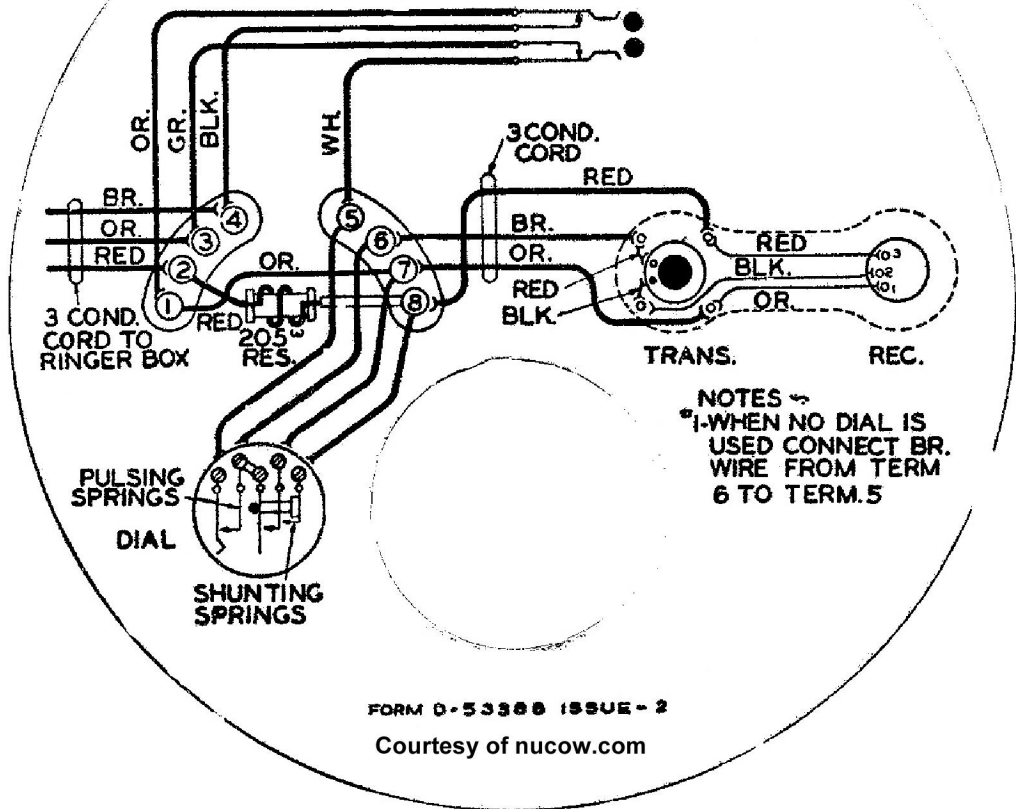
This design saves the cost of a magnet in the receiver and does not require a subset – just a bell. Many early (AE) automatic telephones used a series circuit and had no subset either. The AE 11-A (and similar telephones) could be used to upgrade the series telephones to handset and AST operation.

Only two components differ between the AE 1-A and the AE 11-A; the receiver element and the resistance coil.

Below is the paster from an AE 11-A.

CODE NO.

MONOPHONE SWITCH IN TALKING POSITION



NOTES
1. WHEN NO DIAL IS USED CONNECT BR. WIRE FROM TERM. 6 TO TERM. 5