

DESCRIPTION.Amplifier C. Mark IV, IV<sup>x</sup>.

Three-valve Amplifier.

CIRCUIT.

(Fig. A.D.2.)

The grid and filament of first valve (with one inserted dry cell for giving negative potential to the grid) are connected across the secondary of a L.F. iron core line-to-valve transformer, provided with tapings on the primary for line connections.

Iron core intervalve transformers between the plate circuit of each valve and the grid filament connections (which include the dry cell) of the following valve.

'Phone transformer in the plate circuit of last valve.

Common H.T. battery for all plate circuits.

Filament resistance adjustment for first valve only.

When the first valve is used as a rectifier, the line-to-valve transformer is not used, but the inductance of the oscillating circuit is connected across the grid and filament of the first valve.

NUMBER USED.

1250.

