



UNDA P 5/1 35-WATT AMPLIFIER

(Code: UPAL)

MANUFACTURED BY UNDA RADIO S. A. - COMO - ITALY

Ned. Ver. v.

Specification and instructions for use

Electroacoustic equipment of high output power and reproduction fidelity, assembled on a iron sheet frame finished in black and gray and complete with base and removable cover. (fig. 1).



Fig. 1 - Front view of amplifier.

The equipment is especially suited for public address, theatres, dancing halls, churches and other uses of similar nature.

The input circuit is designed for direct connection of a microphone which may be of any type i.e. crystal, dynamic, carbon, velocity etc. Besides a pick-up or an ordinary radio receiving set may be operated by the amplifier. Several loudspeakers, for instance 4 of 8 Watt, 2 of 15 Watt, 1 of 35 Watt etc, can be piloted by the amplifier; therefore the output circuit is designed for impedance values of 5; 7,5; 10; 15; 20 ohm, thus as to allow the different combinations according to the scheme.

The loudspeakers must be of the electrodynamic excited type or of the permanent magnet type.

Besides it is possible to directly excite the field of a 15-Watt 12 1/2" in loudspeaker having a resistance of 10.000 ohm (control loudspeaker)

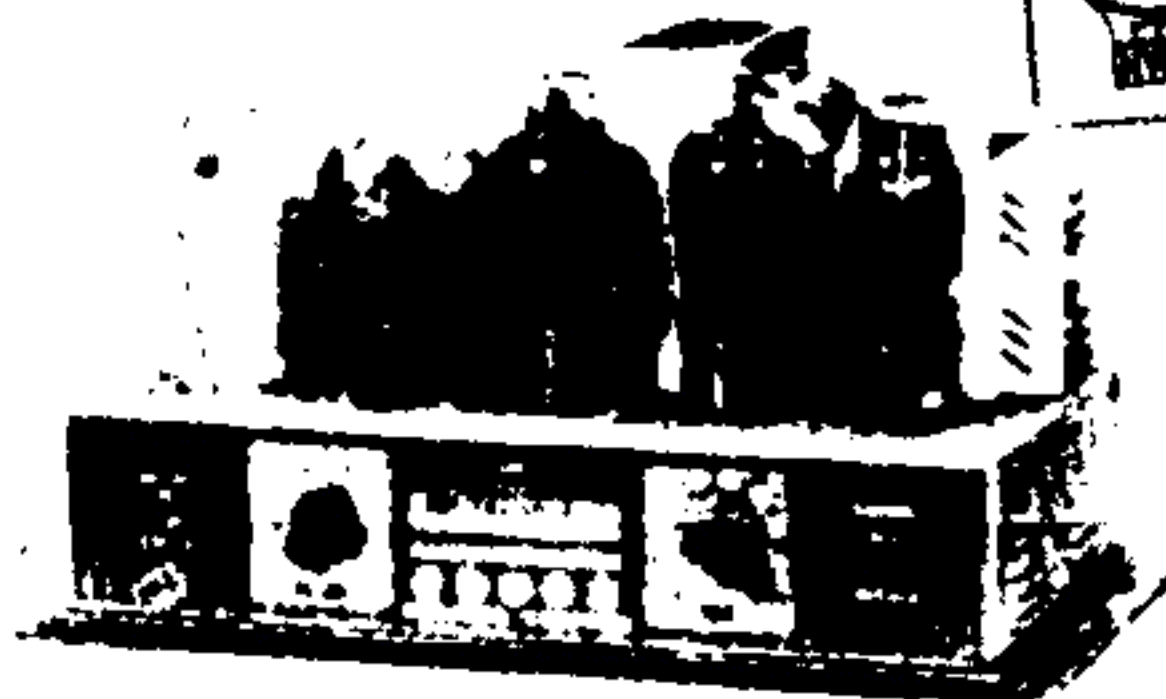


Fig. 2 - Front view of amplifier without cover.

The field coil of the control loudspeaker must be connected to tap marked "Ecc.", situated on the rear of amplifier. In case the control loudspeaker is not used, a 10.000 ohm resistance incorporated in the amplifier and equivalent in value to the field coil of control loudspeaker, is automatically connected into circuit by means of a relay also included in the amplifier. The amplifier viewed from the front (fig. 1 and fig. 2) shows the following controls (starting from left): Phono, microphone with commutator for changing from one another, volume, tone, and main "on-off", switch.

On the rear (fig. 3) it is noted (starting from left):

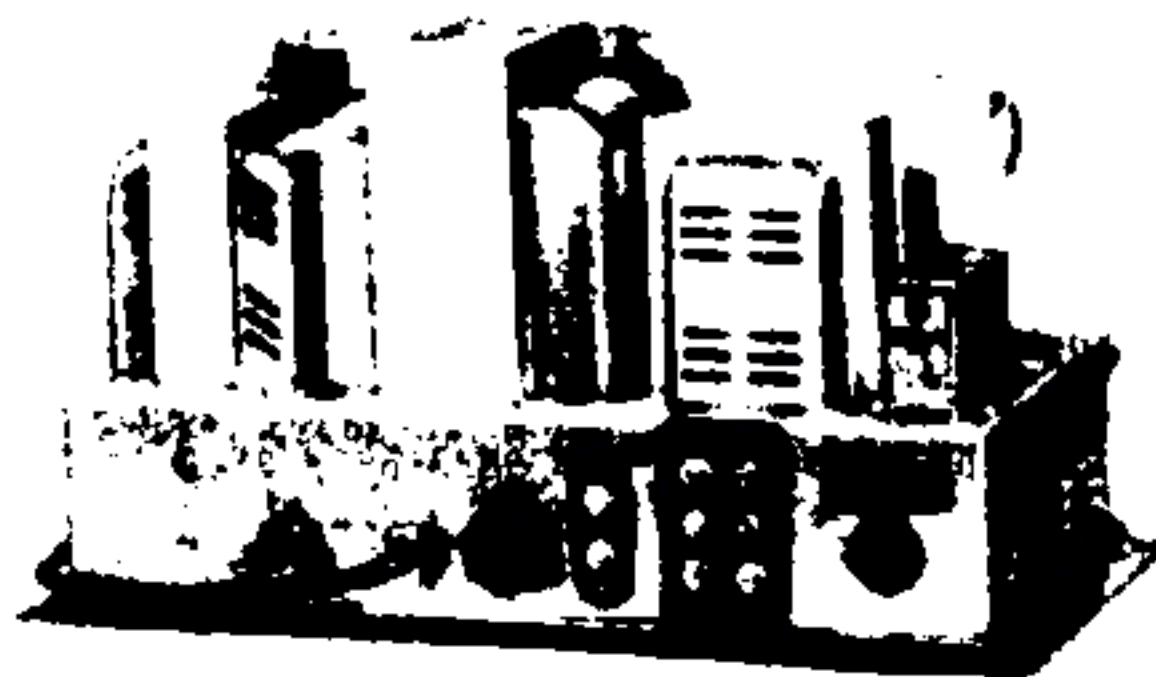


Fig. 3 - Back view of amplifier without cover.

a terminal for grounding the equipment, a connection to the feeding line, a terminal board