

CLEARTRON

AMERICA'S FOREMOST VALVE
MADE IN
BRITAIN'S NEWEST FACTORY.

TYPE C.T. 201 A AVERAGE SPECIFICATION.

Filament Volts 5.0.
Filament Amps. 0.25.
Anode Volts 30-150.
Grid Bias Volts, neg. 0-9.
Impedance in ohms 10,000.
Amplification Factor 9.
Emission in milliamps, over 30. (at 50 volts)
Normal Working Slope 0.9 m.a/v.
Overall length, approximately 115 m/m.
Overall diameter, approximately 45 m/m.

THIS valve is a Cleartron Every Purpose Dull Emitter, that is, it will work equally well on high or low frequency amplification and rectification, giving power volume without distortion, however used.

The table printed on the reverse side is intended only as a rough guide for using these valves, as individual sets, according to their design, will probably require different values of high tension grid bias, etc., in order to give the best results. As a general rule the valves should not be run at a higher filament temperature than that necessary to give distortionless reception.

The length of life of the valve will depend to a great extent on the way it is used, and if reasonable care is taken not to over-run the filament, loss of "emission" which determines the usefulness of the valve, will not occur until after a long period of actual use of the valve has been obtained.

This valve is covered by our iron-clad guarantee to function, and if it does not give satisfaction, should be returned to the nearest Cleartron Dealer, who will immediately exchange it without cost or question, providing the filament is still unbroken.

Great care should be taken to prevent the high tension voltage from being accidentally applied to the filament, and with this end in view valves should be removed from their sockets whilst changing connections of the set.

Cleartron valves are sometimes discoloured during the process of manufacture, but this has no effect whatever on the perfect functioning of the valve.

The curves shown on the reverse help to show the excellence of Cleartron C.T.201^A valves, while actual use will convince you of their undoubted superiority over all other valves of their class.

CLEARTRON RADIO LIMITED

SOLE MANUFACTURERS

AMERICAN PLANT BRITISH PLANT
WEST NEW YORK, N.Y. BIRMINGHAM

Offices: **ONE CHARING CROSS, LONDON**

Telephones: REGENT 2231, 2232.

Telegrams: CLEARTRON, WESTRAND, LONDON.

POINTS ABOUT CLEARTRON

CLEARTRON Radio Limited is a British Company, fostered in British interests by British capital. The valves are built by British labour at the Cleartron Works in Birmingham—Britain's newest and most recently equipped radio factory.

CLEARTRON valves are not an experiment: over one million have been made and sold. They are constructed under the most exact and rigidly enforced test conditions. The 'Ironclad' Guarantee goes with every valve sold. Your dealer, in giving you this, knows that both you and he are fully protected under the CLEARTRON Policy.

JUST SAY CLEARTRON TO YOUR DEALER, AND YOU WILL GET THE VALVE WITH 50% GREATER VOLUME AND 100% GREATER DISTANCE.

One Charing Cross, London
 Telegrams: "Cleartron, Westrand, London."

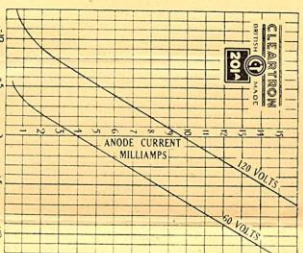
CLEARTRON RADIO LIMITED
 LONDON & BIRMINGHAM.

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Valve used as	Grid Returns	H.T. Volts	Grid Bias
H.F.	Neg. Fil.	70	Nil
Det.	Pos. Fil.	40	Nil
1st L.F.	Neg. Bias	100	3
2nd L.F.	Neg. Bias	150	5.6

APPROXIMATE GRID BIAS DATA
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