

soft CLEARTRON



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



CLEARTRON "TEC-TOR"

(gas-filled)

SUPER SENSITIVE DETECTOR.

Type
C.T.6
(6-volt acc.)

Average Specification :

Filament Volts 5 to 6

Filament Amps 0.1

Anode Volts 30-50 (Max.)

THIS Super Sensitive Cleartron Detector Valve represents the very latest development of the Thermionic Valve and is the fruit of two years' continuous and patient research by Cleartron specialists in that branch of Radio Engineering.

The wonderful degree of sensitivity which has been attained is due to the introduction of an extremely rare metal (which incidentally cannot exist as such in air) and its attendant vapour. Unlike that in a "soft" valve, this gas will not ionize at the High Tension Voltages used, and therefore, with proper care, a long and useful life is assured to the filament.

Neither the High Tension Voltage nor Filament Current values will be found unduly critical in order to obtain far louder signals than is possible on ordinary valves. However, to utilise the super-sensitivity at maximum efficiency it is desirable to use those values which best suit the individual valve. In most cases these values may be easily ascertained by experiment, and where no individual High Tension Control for the Detector valve is provided, the best working point may be found by adjusting the filament rheostat after setting the High Tension to suit the other valves.

The amount of deposit (if any) on the glass bulb is no indication of the efficiency of the valve, some being almost entirely clear, while others are heavily clouded.

Every Cleartron Valve is thoroughly tested before leaving our works, and is covered by Cleartron's well-known Ironclad Guarantee.

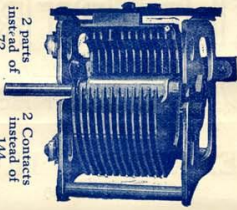
CLEARTRON RADIO LIMITED

ONE CHARING CROSS, LONDON.

Telephone. **WORKS : BIRMINGHAM.** Telegrams: **CLEARTRON, WESTRAND**
Regent: 7921 (3 lines)

THE DI-KAST CONDENSER

Patented.



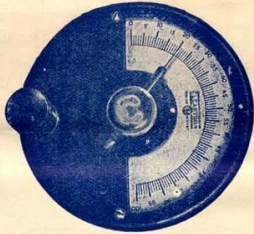
2 parts
instead of
72

2 Contacts
instead of
144

Rotor cast in ONE piece
Stator cast in ONE piece
Positive Straight Line reading
0002, 0003, 0005.

10/6

MICRO STATION SELECTOR



Patent Nos.: 2325941, 202460, 210030.

This Dial provides ten or more
different adjustments between each
degree. The Taming Control of
Modern Requirements.

Gold Dial

10/6

Silver Dial

10/6

IF YOU are not using CLEARTRON VALVES in your other stages, still *further* improvement in your reception may be achieved by so doing.

Stage	2 volt Accumulator.	4-volt Accumulator.	6 volt Accumulator.	2 Dry Cells.
H.F. ...	C.T.15 14/0	C.T.10 14/0	C.T.25 18/6	C.T.08 14/0
L.F. ...	C.T.15 14/0	C.T.10 14/0	C.T.25 18/6	C.T.08 14/0
POWER	C.T.15X 18/6	C.T.10B* 14/0	C.T.25B* 18/6	C.T.08X 18/6
SUPER- POWER	--	--	C.T.25X 22/6	--

*These Valves should only be used when preceding Resistance Coupling to a further Valve, and not as the last or output Valve.