
The Exelrad 'Champion 7'

The Outstanding Kit Set for 1939!

FEATURES:

MAGICMASTER R.F. UNIT

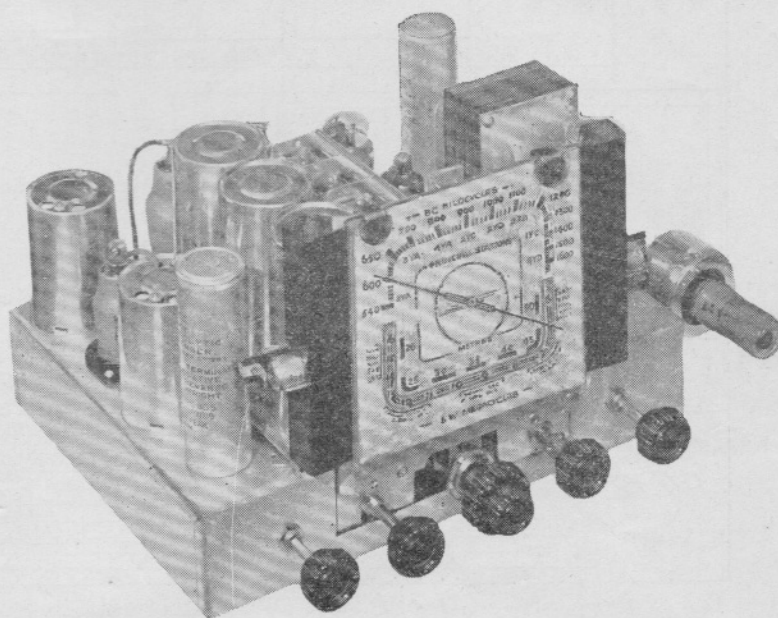
FOUR COLOUR EDGE-LIT DIAL

7 VALVES, INCLUDING MAGIC EYE

MAGIC CORE (IRON) LOW LOSS I.F. TRANSFORMERS.

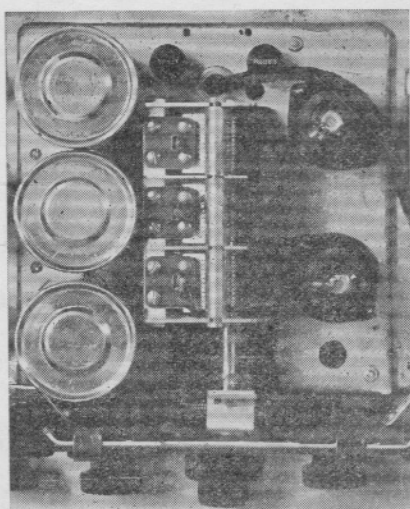
SPECIAL MAGIC EYE HOLDER

BEAUTIFUL TONE, EXCEPTIONAL SENSITIVITY



WHATEVER YOUR ABILITY

YOU CAN BUILD THIS SET



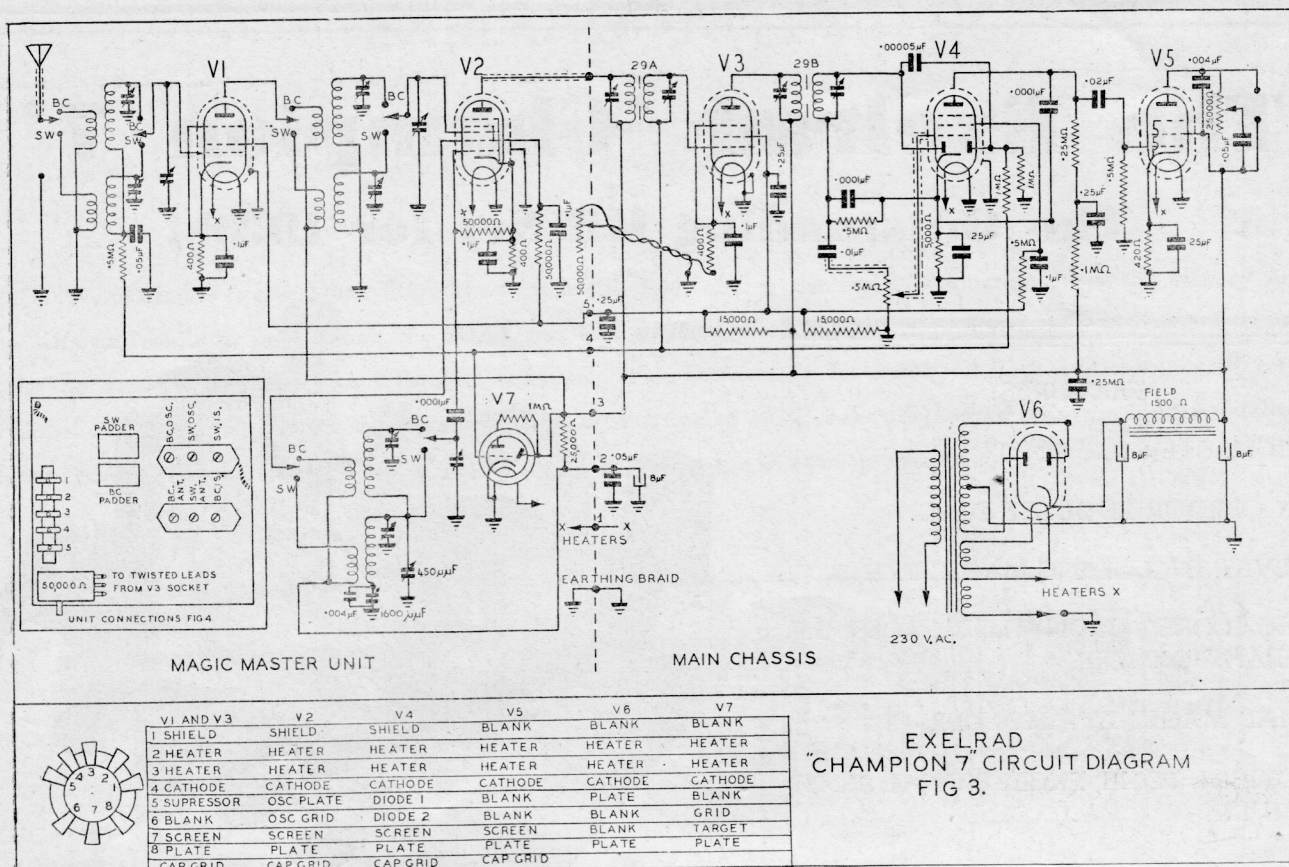
THE "MAGIC MASTER" R.F. UNIT

is entirely wired and assembled under the most up-to-date factory methods and tested with the most modern testing equipment, ensuring commercial receiver performance. Completely assembled and ready to connect, it will save the constructor time and trouble.

Price £10-10-0.

Here it is—the outstanding set of 1938-39. A kitset which an expert or an amateur can construct with equal facility. The most sensational 7 VALVE KITSET ever offered to the Home Constructor. The "Magic Master" unit is seen and described below—the Magic Core (iron) Low Loss I.F. Transformers give unrivalled sensitivity and selectivity. The dial is the very latest in dials and the whole set certainly lives up to the EXELRAD tradition of offering the most outstanding kitsets.

Complete with Valves and Speaker	£19 19 6
Less Speaker	£18 15 0
Magic Master R.F. Unit	£10 10 0



LIST OF PARTS (A.)

MAIN CHASSIS.

- 1 12in x 9in. chassis
- 1 Exelrad 373 vertical power transformer
- 1 Exelrad 29A intermediate transformer
- 1 Exelrad 29B intermediate transformer
- 1 4-pin speaker socket
- 4 8-pin speaker P base sockets
- 3 8 mfd electrolytic condensers
- 3 .05 mfd 350v. tubular condensers
- 2 .1 mfd 350v. tubular condensers
- 3 .25 mfd tubular condensers
- 1 .00005 mfd mica condenser
- 1 .00025 mfd mica condenser
- 1 .004 mfd mica condenser
- 1 .5 meg. volume control insulated shaft
- 1 25,000 ohm tone control insulated shaft
- 1 400 ohm $\frac{1}{4}$ watt resistor

Resistance Panel.

- 1 .0001 mica condenser
- 1 .01 tubular condenser
- 1 .02 mfd tubular condenser
- 1 .25 mfd tubular condenser
- 2 .25 mfd 25 volt electrolytic condensers
- 2 .1 meg. $\frac{1}{2}$ watt resistors
- 3 .5 meg. $\frac{1}{2}$ watt resistors
- 1 .25 meg. $\frac{1}{2}$ watt resistor
- 2 .1 meg. $\frac{1}{2}$ watt resistors
- 2 15,000 ohm 1 watt resistors
- 1 5,000 ohm 1 watt resistor
- 1 420 ohm 1 watt resistor

R.F. Unit.

- 1 Exelrad unit chassis with condenser mounting bracket
- 1 3 gang No. 1791 Plessey gang condenser .000375 mfd anti-clockwise rotation
- 2 Plessey triple trimming condensers
- 1 Magic Star holder and cable
- 1 3 bank three position No. 1571 Plessey switch with stop
- 1 Insulated aerial terminal, Belling Lee, type B, No. 1001
- 1 Earth terminal
- 2 Phillips P base, 8-pin sockets
- 1 Exelrad No. 126 dual wave aerial coil
- 1 Exelrad No. 127 dual wave inter-stage coil
- 1 Exelrad No. 190 dual wave 465kcs oscillator coil
- 8 $\frac{3}{4}$ x $\frac{1}{8}$ inch nuts and bolts
- 2 $1\frac{1}{4}$ x $\frac{1}{8}$ inch nuts and bolts
- 12 $\frac{3}{8}$ x $\frac{1}{8}$ inch nuts and bolts
- 2 $\frac{1}{2}$ x $\frac{1}{8}$ inch nuts and bolts (to hold dial)
- 2 screen grid glass valve clips
- 1 Exelrad stand-off terminal strip
- 2 Rubber grommets with tubes and washers. Also 2 $\frac{1}{2}$ in. x $\frac{1}{8}$ in. nuts and bolts

Miscellaneous.

- 1 Double stand-off, Exelrad terminal strip
- 1 2ft. length single shielded wire
- 1 230 volt warning plate
- 1 8ft. length of 3 wire power cord
- 8 $\frac{3}{4}$ x $\frac{1}{8}$ inch nuts and bolts
- 12 $\frac{3}{8}$ x $\frac{1}{8}$ inch nuts and bolts
- 12 $\frac{1}{8}$ inch nuts
- 24 spring lock washers for $\frac{1}{8}$ th bolts
- 4 Rubber grommets with tubes and washers
- 3 grid clips for glass screen grid valves
- 1 2 inch terminal strip with 18 lugs
- 4 Tuning knobs
- 1 Double tuning knob
- Insulated hook-up wire
- 20swg tinned copper wire

Extras Required.

- 1 Moving coil speaker, 1500 ohm field, input transformer to match single pentode; complete with 4 wire cable and 4-pin plug

Valves.

- 1 Set of tubes, comprising:—
- 2 VP6S—EF5
- 1 VO6S—EK2
- 1 EBF1
- 1 PP6AS—EL2
- 1 PVB6S—EZ3
- 1 ME6S—EM1