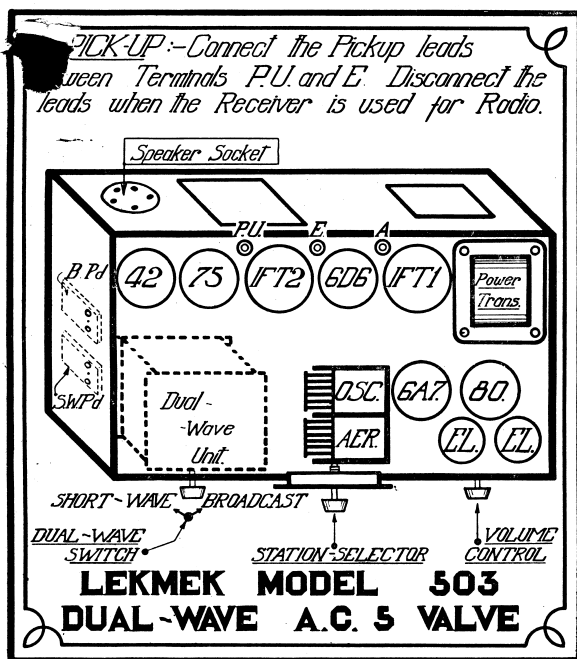
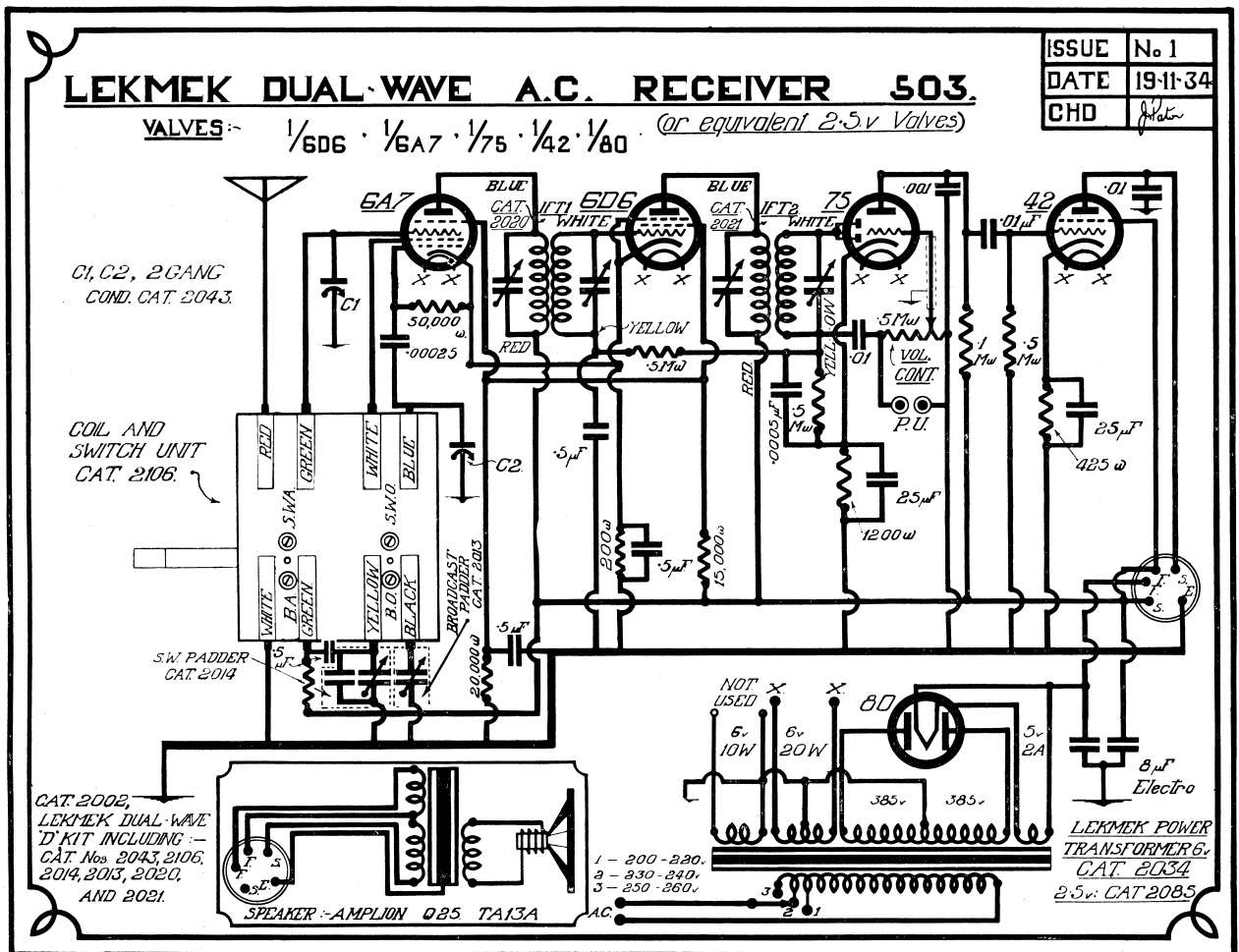


KIT CATALOGUE No. 2002



LIST OF PARTS:

- | | |
|---|--|
| 1 Lekmek Dual Wave D Kit, Cat. No. 2002 | 1 Condenser Mica .001 mf |
| 1 Lekmek Power Transformer 6V—Cat. 2034, 2.5V—Cat. 2085 | 3 " " .01 " |
| 1 Chassis Base 15" x 10" x 3½" | 4 " " Paper .5 " |
| 1 Suitable Dial (preferably Dual Wave or High Ratio) | 2 " " Electrolytic 25 mf 25V test |
| 1 Dial Lamp | 2 " " 8 mf 500V test |
| 1 Potentiometer .5 megohms tapered | 3 Sockets 6 pin |
| 1 Resistor 15,000 ohms (1 watt) | 1 " 7 pin (small) |
| 1 " 20,000 " " | 1 " 4 pin |
| 1 " 25,000 " " | 1 " 5 pin Speaker |
| 1 " 50,000 " " | 3 Valve Shields |
| 1 " 100,000 " " | 3 yds. Power Flex with Adaptor |
| 3 " 500,000 " " | 3 Knobs |
| 1 " W.W. 425 ohms 50 mas | 3 Terminals |
| 1 " 1200 " 100 " | Wire, Spaghetti, Grid Clips, Screws, Lugs, etc. |
| 1 " 200 " 50 " | Valves—1/6A7, 1/6D6, 1/75, 1/42, 1/80 or 1/2A7, 1/58, 1/2A6, 1/2A5, 1/80 |
| 1 Condenser Mica .00025 mf | Speaker—2,500 ohms for single 42 or 2A5 output. |
| 1 " " .0005 " | |

Read carefully the accompanying General Instruction Sheet.

SPECIAL NOTE:—The Dual Wave Coil and Switch Box is tested and aligned in a receiver at the factory on both Broadcast and Short Wave Bands, but this will not necessarily be accurate for every set in which the unit is used, due to the variation in wiring by different constructors. When adjusting trimmers always turn a little at a time in either direction until the receiver is aligned. Noise level will serve for aligning on the Short Waves if no Short Wave Station is available at the time of test.

TRIMMERS are located through four holes in the shielded box, marked for Aerial Broadcast BA, Short Wave SWA, Oscillator Broadcast BO, Short Wave SWO.

PADDERS are shown in the layout diagram. The Short Wave padder is the one with a fixed condenser shunted across it.

TUNED CIRCUIT wiring should be as short and direct as practicable, and in the case of the Short Wave padder circuit, should not be less than 18 gauge busbar. See that .5 bypass condenser is wired as closely as possible to the lug marked (Green) on coil box. The Shaft of the Switch Coil Box must not touch the chassis, as the shaft is not at earth potential.

TO PREVENT HUM.—Diagram shows grid lead to Volume control with earthed shielding, but it may be necessary to shield also lead from volume control to .01 condenser.

AUTOMATIC VOLUME CONTROL is used in the above circuit; this is essential, especially when listening to Short Wave Stations, as the signal is kept constant.

BATTERY VERSION.—As there is a wide range of battery valves and circuits, constructors are left to choose their own set, provided that they use 1C6 or 6A7 as first Detector Oscillator.