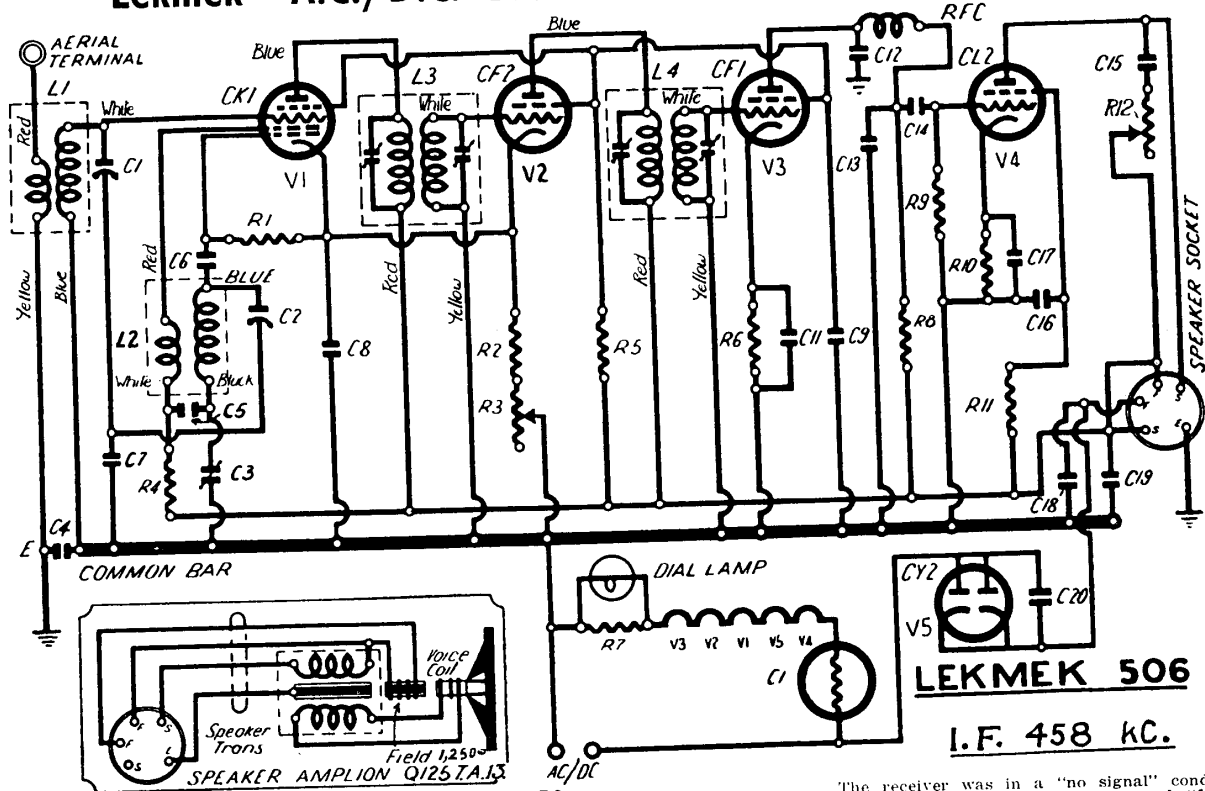


"Lekmek" A.C./D.C. Broadcast Mantel Model 506



COMPONENT VALUES

RESISTORS

R1—50,000 ohms, 1 W.; R2—200 ohms (50 mA.), w.w.; R3—2,500 ohms, volume control; R4, R11—200,000 ohms, 1 W.; R5, R6—10,000 ohms, 1 W.; R7—30 ohms (300 mA.), w.w.; R8—250,000 ohms, 1 W.; R9—500,000 ohms, 1 W.; R10—425 ohms (50 mA.), w.w.; R12—500,000 ohms, variable.

CONDENSERS

C1, C2—sections of 2-gang variable; C3—padder; C4, C15—0.05 mfd., paper; C5, C14, C20—0.01 mfd., mica; C6, C13—250 mmfd., mica; C7, C9, C11—0.5 mfd., paper; C8, C16—0.1 mfd., paper; C12—0.001 mfd., mica; C17—25 mfd., 25 v., electro.; C18, C19—8 mfd., 500 v., electro.

OPERATING VOLTAGES

All measurements were made with a "1,000 ohms per volt" meter, and voltages are those existing between the socket contact indicated and the negative busbar.

The receiver was in a "no signal" condition with the volume control turned "full on."

CK1, Frequency Converter: Plate, 200 v.; screen, 125 v.; cathode, 3 v.; osc. anode grid, 150 v. Plate current, 1 mA.

CF2, 458 kc. I.F. Amplifier: Plate, 200 v.; screen, 125 v.; cathode, 3 v. Plate current, 1 mA.

CF1, "Anode-Bend" Detector: Plate, 75 v.; screen, 125 v.; cathode, 3.5 v. Plate current, 0.2 mA.

CL2, Output Pentode: Plate, 200 v.; screen, 100 v.; cathode, 15 v. Plate current, 40 mA.

LEKMEK 506

I.F. 458 KC.