

RAYCOPHONE "61GB"

(See circuit on page 337)

Raycophone model "61GB" is a six-valve receiver designed for broadcast coverage and operation from a 6-volt accumulator, this last being effected with the aid of a "Gen-e-Motor" which is built into the receiver and converts the "A" supply into high-tension D.C. for "B" supply. Biassing throughout is effected by means of cathode resistors.

This receiver is of the console type and is fitted with four controls, these being for volume, tuning, tone (continuous) and battery-switching. The loudspeaker is an 8-inch, permanent-magnet unit. This model was marketed during 1935.

COMPONENT VALUES

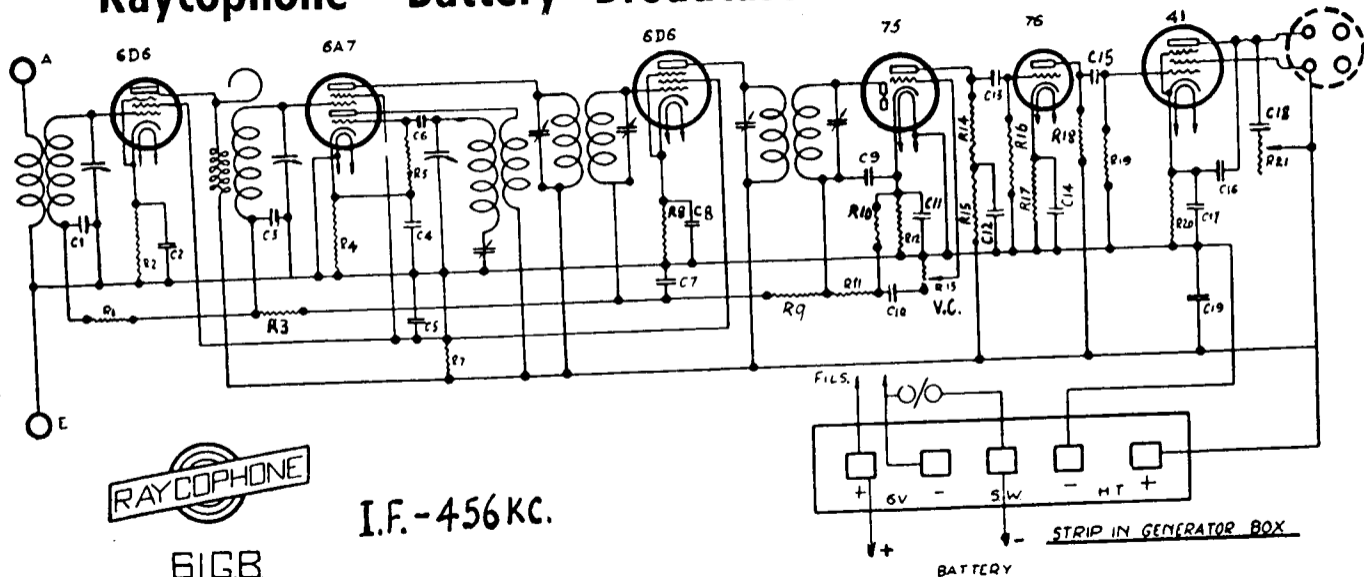
RESISTORS.

R1, R3, R15, R18—0.1 meg., $\frac{1}{2}$ W.; R2, R4, R8—400 ohms, w.w.; R5, R11—50,000 ohms, $\frac{1}{2}$ W.; No. R6: R7—20,000 ohms, 1 W.; R9—1.0 meg., $\frac{1}{2}$ W.; R10—0.3 meg., $\frac{1}{2}$ W.; R12—6,000 ohms, $\frac{1}{2}$ W.; R13—0.75 meg., vol. cont.; R14—0.25 meg., $\frac{1}{2}$ W.; R16, R19—0.5 meg., $\frac{1}{2}$ W.; R17—10,000 ohms, $\frac{1}{2}$ W.; R20—650 ohms, 25 mA., w.w.; R21—0.1 meg., tone cont.

CONDENSERS.

C1, C2, C3, C7, C8, C18—0.05 mfd., paper; C4, C5, C15—0.1 mfd., paper; C6—0.00005 mfd., mica; C9—0.00025 mfd., mica; C10, C13—0.01 mfd., paper; C11, C14, C17—10 mfd., 25 v. W., electro; C12—0.5 mfd., paper; C16—0.005 mfd., paper; C19—4.0 mfd., paper.

"Raycophone" Battery Broadcast Console Model 61GB



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I.F. - 456 KC.

1. "61GB" will be found on page 343.