

Astor "Mickey Mouse"

Chassis type "EC," uses metal envelope valves and 5-inch, 1,350 ohms field, loudspeaker. Circuit appears on facing page.

COMPONENT VALUES.

RESISTORS.

R1—100,000 ohms, $\frac{1}{2}$ W.; R2—500 ohms, w.w.; R.F. volume control; R3—10,000 ohms, $\frac{1}{2}$ W.; R4—30,000 ohms, $\frac{1}{2}$ W.; R5—1 megohm, A.F. volume control; R6, R11—500,000 ohms, $\frac{1}{2}$ W.; R7, R8, R10—250,000 ohms, $\frac{1}{2}$ W.; R9—20,000 ohms, $\frac{1}{2}$ W.; R12—50,000 ohms, $\frac{1}{2}$ W.; R13—1 Megohm, $\frac{1}{2}$ W.; R14—750,000 ohms, $\frac{1}{2}$ W.; R15—40,000 ohms, $\frac{1}{2}$ W.; R16—1.75 megohms, $\frac{1}{2}$ W.

COILS, ETC.

L1—Iron plug aerial coil; L2—Osc. coil; L3, L4—1st and 2nd iron cored I.F. trans. resp. 456 kC.; L5—loudspeaker trans.; L6—loudspeaker field coil, 1,350 ohms, 5%. L7—power trans.

CONDENSERS.

C1, C3—sections of 2-gang variable; C2— aer. trimmer; C4—osc. trimmer; C5, C6, C7, C8—I.F.T. trimmers; C9—300 mmfd., 1,000 v., mica, plus 0%, minus 5%; C10—30/80 mmfd., padder; C11, C14—0.05 mfd., 200 v., paper; C12, C15—0.1 mfd., 200 v., paper; C13, C16—500 mmfd., 1,000 v., mica; C17, C19—0.01 mfd., 400 v., paper; C18—250 mmfd., 1,000 v., mica; C20—0.02 mfd. 400 v., paper; C21—0.25 mfd., 400 v., paper, plus 0%, minus 10%; C22—10 mfd., 200 v., W., paper; C23—4 mfd., 300 v., W., paper; C24—0.5 mfd., 200 v., paper; C25—0.003 mfd., 1,000 v., mica.

ALTERATIONS.

In earlier models of this series it will be found that R16 (1.75 megohms) was omitted. This was added on 21/6/37, and has the effect of minimising the effect of any change in the resistance of the vol. cont. E56—small added capacity not found in earlier models.

Astor Type "EC" Mickey Mouse A.C. Broadcast Midget

