

## Breville Model 48

### OPERATING VOLTAGES.

All voltages measured with volume control fully advanced.

**6C6, Autodyne Frequency Converter:** Plate, 210 v.; screen, 105 v.; cathode, 5.5 v. Plate current, 0.8 mA.

**6D6, I.F. Amplifier, 446 kC.:** Plate, 210 v.; screen, 105 v.; cathode, 3.5 v. Plate current, 5 mA.

**6C6, "Anode Bend" Detector:** Plate, 40 v.; screen, 25 v.; cathode, 3.0 v. Plate current, 0.4 mA.

**42, Output Pentode:** Plate, 200 v.; screen, 210 v.; cathode, zero. Plate current, 28 mA.

Total current drain from rectifier 68 mA.

### COLOUR CODE.

**Black**—filaments, earth, and miscellaneous; **Blue**—plates; **Red**—B + max., rectifier filaments, aerial; **Yellow**—screens; **Green**—cathodes.

## Breville Model 54B

### OPERATING VOLTAGES.

All readings taken with a "1,000 ohms per volt" meter to chassis.

**1C4, R.F. Amplifier:** Plate, 140 v.; screen, 40 v.

**1C6, Frequency Converter:** Plate, 140 v. screen, 40 v.; osc. plate, 55 v.

**1C4, I.F. Amplifier, 181 kC.:** Plate, 140 v.; screen, 40 v.; grid, —3 v.

**1B5, Detector, A.V.C. Rectifier and A.F. Amplifier:** Plate, through 250,000 ohms; grid, —3 v.

**1D4, Output Pentode:** Plate, 130 v.; screen, 137 v.; grid, —4 v.

Total "B" drain, 15 mA.; battery drain, 0.9 A. without lamps.

SEE PAGE 216 FOR CIRCUITS OF MODELS "48" and "54B".

# "Breville" A.C. Broadcast Mantel and Console Models, type 48

