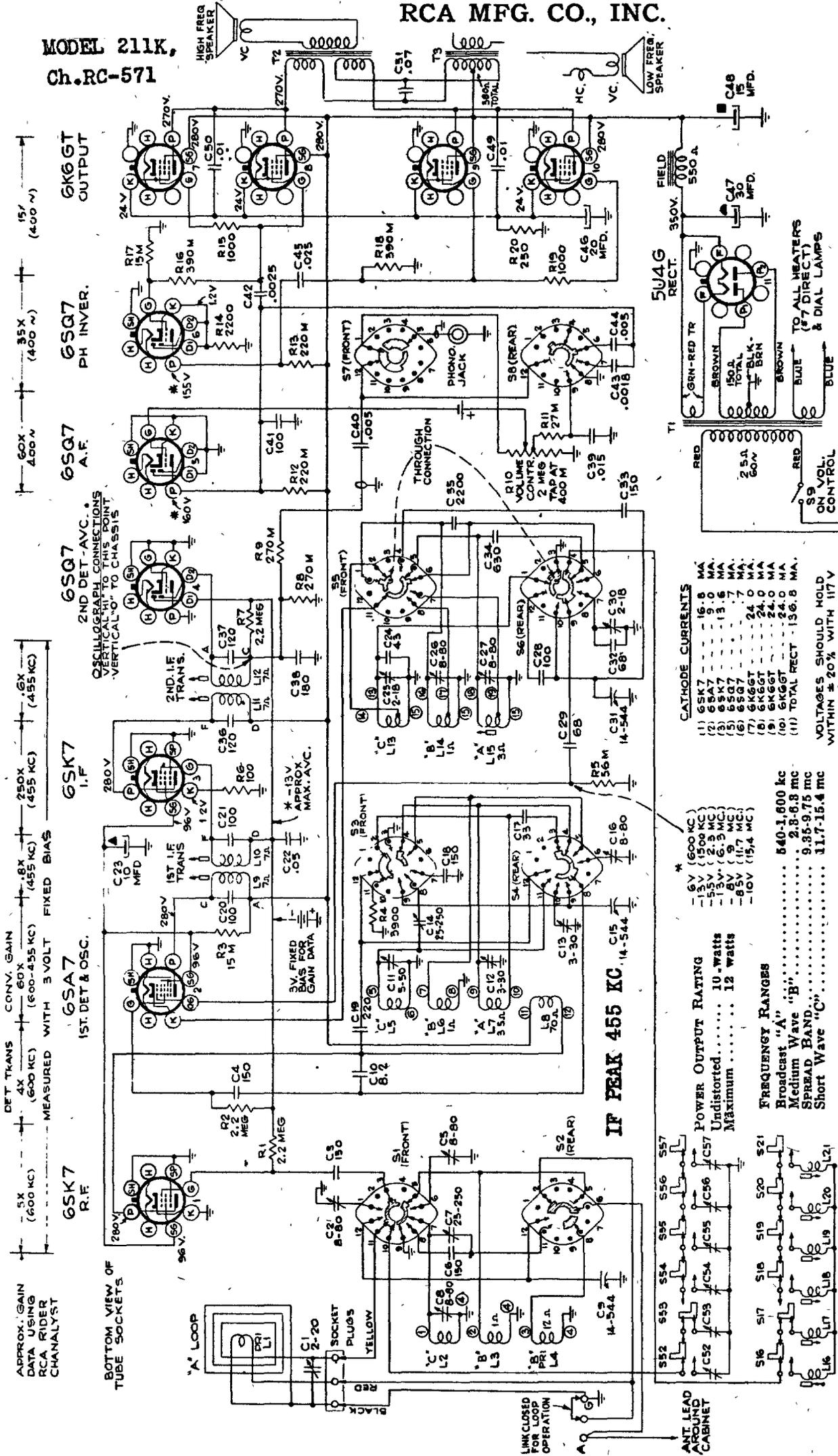


MODEL 211K,
Ch. RC-571



APPROX. GAIN DATA USING RCA RIDER CHANNELYST

5X (600 KC) 4X (250X CONV. GAIN) 250X (600-455 KC) 455 KC (455 KC) 6X (455 KC)

MEASURED WITH 3 VOLT FIXED BIAS

6SK7 R.F. 1ST. DET. & OSC. 6SK7 I.F. 2ND. I.F. TRANS. 6SK7 A.F. 2ND. DET. - AVC. 6SQ7 PH. INVER. 6K6GT OUTPUT

OSCILLOGRAPH CONNECTIONS VERTICAL TO THIS POINT VERTICAL TO CHASSIS

3V. FIXED APPROX. MAX. AVC. BIAS FOR GAIN DATA

LINK CLOSED FOR LOOP OPERATION AROUND CABINET

ANT. LEAD AROUND CABINET

SOCKET PLUGS YELLOW

15V (400 N) 35X (400 N) 15V (400 N)

IF PEAK 455 KC

* (600 KC)

-1.5V (506 KC)

-3.2V (2.3 MC)

-8V (9.3 MC)

-8.5V (11.7 MC)

-10V (15.4 MC)

POWER OUTPUT RATING

Undistorted..... 10 watts

Maximum..... 12 watts

FREQUENCY RANGES

Broadcast "A"..... 540-1,600 kc

Medium Wave "B"..... 2.3-8.8 mc

SPREAD BAND..... 9.35-9.75 mc

Short Wave "C"..... 11.7-15.4 mc

INTERMEDIATE FREQUENCY..... 485 kc

LOUDSPEAKER (RL-70L-4)

Type..... 12-inch Electrodynamic

V.C. Impedance..... 2.2 ohms at 400 cycles

PRECUTIONARY LEAD DRESS—

1. Dress all filament wiring away from output grids.
2. Leads from electrolytic to rectifier should be dressed so that all excess wire is at the socket side.
3. Speaker leads should be dressed down close to the chassis base and away from the phono plug.

CATHODE CURRENTS

- (1) 6SK7 - 16.8 MA
- (2) 6SK7 - 13.0 MA
- (3) 6SK7 - 13.9 MA
- (4) 6SK7 - 7.7 MA
- (5) 6K6GT - 24.0 MA
- (6) 6K6GT - 24.0 MA
- (7) 6K6GT - 24.0 MA
- (8) 6K6GT - 24.0 MA
- (9) 6K6GT - 24.0 MA
- (10) 6K6GT - 24.0 MA
- (11) TOTAL RECT - 156.8 MA.

VOLTAGES SHOULD HOLD WITHIN ± 20% WITH 117V A.C. SUPPLY.

* MEASURED WITH CHANNELYST OR VOLTOHMYST.

5U4G RECT. 350V. 550 A.

FIELD

CA7 30 MFD.

CA8 15 MFD.

CA9 .01

CA10 20 MFD.

CA11 15 MFD.

CA12 30 MFD.

CA13 15 MFD.

CA14 15 MFD.

CA15 15 MFD.

CA16 15 MFD.

CA17 30 MFD.

CA18 15 MFD.

CA19 15 MFD.

CA20 20 MFD.

CA21 15 MFD.

CA22 15 MFD.

CA23 15 MFD.

CA24 15 MFD.

CA25 15 MFD.

CA26 20 MFD.

CA27 30 MFD.

CA28 15 MFD.

CA29 68

CA30 2-18

CA31 14-544

CA32 68

CA33 14-544

CA34 630

CA35 150

CA36 180

CA37 2.2 MEG

CA38 180

CA39 .0025

CA40 .005

CA41 100

CA42 .0025

CA43 .001B

CA44 .005

CA45 .025

CA46 20 MFD.

CA47 30 MFD.

CA48 15 MFD.

CA49 .01

CA50 .01

CA51 .01

CA52 100

CA53 100

CA54 100

CA55 100

CA56 100

CA57 100

CA58 100

CA59 100

CA60 100

CA61 100

CA62 100

CA63 100

CA64 100

CA65 100

CA66 100

CA67 100

CA68 100

CA69 100

CA70 100

CA71 100

CA72 100

CA73 100

CA74 100

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CA86 100

CA87 100

CA88 100

CA89 100

CA90 100

CA91 100

CA92 100

CA93 100

CA94 100

CA95 100

CA96 100

CA97 100

CA98 100

CA99 100

CA100 100

FOR SPEAKER PHASING DATA, SEE MODEL 29K2

4. Dress all excess power transformer leads between chassis and transformer down close to the chassis.
5. Dress pilot light leads under A.C. cord.
6. Dress audio grid lead from tone switch to No. 2 pin of 6SQ7 and bias cell away from diode lead.

RANGE SW. VIEWED FROM FRONT AND SHOWN IN P.B. (MAX. COUNTER-CLOCKWISE) POSITION

PRECUTIONARY LEAD DRESS—

1. Dress all filament wiring away from output grids.
2. Leads from electrolytic to rectifier should be dressed so that all excess wire is at the socket side.
3. Speaker leads should be dressed down close to the chassis base and away from the phono plug.