

## Zenith Radio Corp.

**Model: 8-S-587**

**Chassis:**

**Year: Pre April 1941**

**Power:**

**Circuit:**

**IF:**

**Tubes:**

**Bands:**

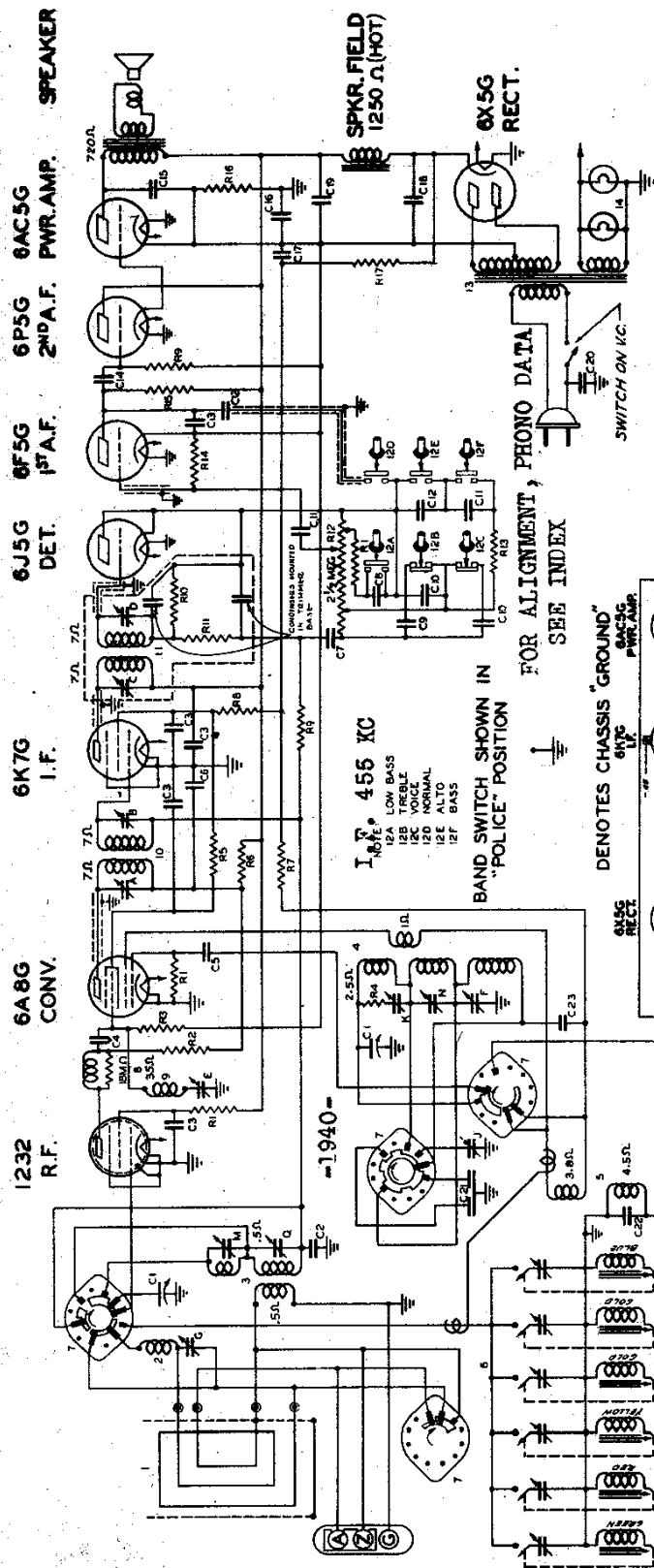
### Resources

**Riders Volume 12 - ZENITH 12-18**

MODELS 8S531, 8S548,  
8S563, Ch. 8A02

ZENITH RADIO CORP.

MODELS 8S587, 8S588,  
Ch. 8A03



# Stage Gains

Ant. to R.F. grid—4.9× at 1000 Kc.

R.F. grid to conv. grid—12× at 1000 Kc.

Conv. grid to I.F. grid—66× at 455 Kc.

Overall audio—743× at 1 watt 400 cycles.

Chassis 8A03 has phono connections added (see page 31).

Tuning ranges—540 Kc.—1600 Kc.

1500 Kc.—5200 Kc.

5700 Kc.—18300 Kc.

Power consumption—8A02—65 watts. —8A03—85 watts.

FOR ALIGNMENT, PHONO DATA  
SEE INDEX

BAND SWITCH SHOWN IN  
"POLICE" POSITION

1. 455 KC  
12A LOW BASS  
12B TREBLE  
12C NORMAL  
12D ALTO  
12F BASS

DENOTES CHASSIS "GROUND"

6AC5G PWR AMP.

6F5G 1ST A.F.

6P5G 2ND A.F.

6K7G I.F.

6J5G DET.

6A8G CONV.

1232 R.F.

12A LOW BASS

12B TREBLE

12C NORMAL

12D ALTO

12F BASS

12A LOW BASS

12B TREBLE

12C NORMAL

12D ALTO

12F BASS

12A LOW BASS

12B TREBLE

12C NORMAL

12D ALTO

All voltages measured with a 20,000 ohm per volt meter from chassis to socket contact indicated.

All voltages are positive D.C. unless marked otherwise.

Volume control full on.

Line voltage 117 v.

COMPONENT	VALUE	TYPE	REMARKS
1232 R.F.	1232	Vacuum Tube	Radio Frequency
6A8G CONV.	6A8G	Vacuum Tube	Converter
6K7G I.F.	6K7G	Vacuum Tube	Intermediate Frequency
6J5G DET.	6J5G	Vacuum Tube	Detector
6F5G 1ST A.F.	6F5G	Vacuum Tube	First Audio Frequency
6P5G 2ND A.F. PWR AMP.	6P5G	Vacuum Tube	Second Audio Frequency Power Amplifier
6AC5G SPEAKER	6AC5G	Vacuum Tube	Speaker

NOTES:

- (1) TRIMMERS ARE N ARE
- (2) TRIMMERS M & Q ARE
- (3) TRIMMERS M & Q ARE MOUNTED ON STRIP 22-1045

## MODEL

8S531

## MODEL

8S548

## MODEL

8S563

## MODEL

8S587

## MODEL

8S588

## MODEL

8S593

## MODEL

8S594

## MODEL

8S595

## MODEL

8S596

## MODEL

8S597

## MODEL

8S598