



Figure 1—Schematic Circuit Diagram—Type No. 162-C, Code 643
 NOTE: R24 can be increased up to 3 megohms to increase sensitivity of 6E5 "OSC."
 Output Indicator.

REPLACEMENT PARTS

Insist on genuine factory-tested parts, which are readily identified and may be purchased from authorized dealers.

STOCK No.	DESCRIPTION	STOCK No.	DESCRIPTION
35263	Cable Assembly—AF test (green)	35270	Reactor (L22)
35264	Cable Assembly—RF-IF test (red)	36637	Receptacle—Watts
35265	Cable Assembly—Voltmeter test (blue)	3581	Resistor—200 ohms, 1/2 watt (R20)
35266	Cable Assembly—Oscillator test (brown)	8063	Resistor—330 ohms, 1/2 watt (R3, R8, R11)
46685	Cable Assembly—Interchannel (black)	30654	Resistor—1,500 ohms, 1/2 watt (R6, R10, R13)
47080	Cable Assembly—Ground lead complete	35254	Resistor—1,900 ohms, 1 watt (R34)
30314	Cap—Grid cap	35281	Resistor—Variable 2,000 ohms: Voltmeter balancing potentiometer (R30)
12720	Capacitor—100 mmfd. (C14, C17, C36)	35255	Resistor—6,200 ohms, 1/2 watt (R29, R33)
12694	Capacitor—220 mmfd. (C15)	14659	Resistor—6,800 ohms, 1/2 watt (R5)
12635	Capacitor—1,000 mmfd. (C24)	35282	Resistor—Variable 9,000 ohms: RF-IF level (R2); oscillator level (R19)
13762	Capacitor—1,500 mmfd. (C1)	46693	Resistor—Variable 10,000 ohms: Voltmeter zero (R32)
14393	Capacitor—0.01 mfd. (C16, C18, C19, C21, C23, C28, C29, C31, C32, C37)	46692	Resistor—Variable 17,000 ohms: Watts control (R36)
11315	Capacitor—0.015 mfd. (C2)	6240	Resistor—20,000 ohms, 1/2 watt (R41, R44)
32787	Capacitor—0.05 mfd. (C25, C26, C33)	13669	Resistor—22,000 ohms, 2 watts (R31)
4839	Capacitor—0.1 mfd. (C4, C5, C6, C8, C9, C10, C11, C12, C13, C20)	35256	Resistor—75,000 ohms, 1/2 watt (R21, R42)
35261	Capacitor—0.15 mfd. (C3)	3252	Resistor—100,000 ohms, 1/2 watt (R4, R7, R9, R12, R18)
47081	Capacitor—10 mfd. (C27A, C27B)	3058	Resistor—100,000 ohms, 1 watt (R52)
34965	Capacitor—20 mfd. (C30)	35257	Resistor—100,000 ohms (matched pair) (R28)
35262	Clip—Ground lead clip	30651	Resistor—270,000 ohms, 1/2 watt (R1, R45, R46)
35267	Clip—Clip attachment for probe	35258	Resistor—300,000 ohms (matched pair) (R27)
35291	Coil Assembly—A band (L1-L2-C38-C39; L7-L8-C44-C45; L13-L14-C50-C51)	30648	Resistor—470,000 ohms, 1/2 watt (R14, R15, R22, R37, R51)
35290	Coil Assembly—B band (L3-L4-C40-C41; L9-L10-C46-C47; L15-L16-C52-C53)	35285	Resistor—Variable 500,000 ohms: Watts compensating adjustment (R35)
35292	Coil Assembly—C band (L5-L6-C42-C43; L11-L12-C48-C49; L17-L18-C54-C55)	30652	Resistor—1 megohm, 1/2 watt (R17, R24, R39, R48, R50)
35289	Coil Assembly—Oscillator channel (L19-C56-L20-C57-L21-C58)	39989	Resistor—1.6 megohms (matched pair) (R26)
46684	Condenser—RF-IF variable tuning condenser (C7)	34257	Resistor—2 megohms, 1/2 watt (R40)
35271	Condenser—Oscillator variable tuning condenser (C22)	35286	Resistor—Variable 2 megohms: AF level (R43); AF Magic Eye adjustment (R49)
35710	Connector—Flexible connector	30649	Resistor—2.2 megohms, 1/2 watt (R16, R23, R38, R47)
14086	Cord—Power cord and plug	35260	Resistor—8 megohms (matched pair) (R25)
14133	Fuse—1 ampere (F1)	36179	Shaft—RF-IF band switch shaft detent
13210	Fuse block	35279	Socket—Tube socket (5 prong)
23421	Jack (J1, J2, J3, J4, J5)	35280	Socket—Tube socket (6 prong)
4924	Jack (J6)	31251	Socket—Tube socket (octal)
47061	Jack—Binding jack, black (J9, J10)	35274	Switch—RF-IF multiplier (S1); meter range (S4)
35275	Jack—Tip jack (J7, J8)	36178	Switch—RF-IF band switch wafer (3 required) (S2)
46687	Knob Assembly—RF-IF	35273	Switch—Oscillator band switch (S3)
35288	Knob Assembly—Oscillator	2034	Switch—AF multiplier (S5)
7960	Knob—Small bar knob	47157	Switch—Power and standby (S6)
4323	Knob—Zero	35268	Transformer—Power transformer (T1)
35277	Meter (M1)	35269	Transformer—Watts transformer (T2)
47089	Plug—Solderless locking pin plug for ground lead		
46686	Pointer and hub assembly—RF-IF		

Note: When ordering replacement parts please give the serial number of your Chanalyst (stamped on bottom).
Replacement parts supplied are within Engineering Specification Tolerances.

GUARANTEE

The RCA-Rider Chanalyst is guaranteed for a period of one year in accordance with the terms expressed on the Guarantee Card accompanying each instrument.

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