

Courtesy nucow.com

On XD5 only connect ground of signal generator to common ground thru a .1 mfd. condenser.  
**Speaker** (Part No. P3553) 5" PM Type  
 D.C. voice coil resistance.....3.4 ohms  
 Voice coil impedance at 400 cycles.....3.8 ohms

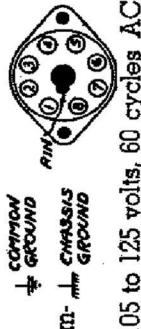
**Oscillator Coil** (Part No. P3748) (D5 only)  
 Looking at the connection end in a clockwise direction starting at the chassis the terminals are No. 1, end of winding; No. 2, start of winding; No. 3, tap.  
 No. 2 and No. 1—Resistance 4.9 ohms.  
 No. 3 and No. 1—Resistance 4.3 ohms.

**Oscillator Coil** (Part No. P3917) (XD5 only)  
 Looking at the connection end in a clockwise direction starting at the chassis the terminals are No. 1, tap; No. 2, start of winding; No. 3, end of winding.  
 No. 3 and No. 1—Resistance 4.9 ohms.  
 No. 2 and No. 1—Resistance 4.3 ohms.

**First I.F. Transformer** (Part No. P3923)  
 Primary—Blue, plate; red, B+—Resistance 21.8 ohms.  
 Secondary—White, grid; black, AVC—Resistance 20.9 ohms.

**Secondary I.F. Transformer** (Part No. P3924)  
 Primary—Blue, plate; red B+—Resistance 23.8 ohms.  
 Secondary—White, grid; black, AVC—Resistance 23.7 ohms.

**Electrolytic Condenser** (Part No. P3355)  
 Red, 30 mfd., 150 volt; green, 20 mfd., 150 volt; black, negative for both sections.



105 to 125 volts, 60 cycles AC  
 105-125 volts DC

# D5 & XD5

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C2, C12 and R1 are used in Model XD5 only.  
 In D5 Model only, all common grounds are connected to chassis ground.

CONDENSERS		RESISTORS	
No.	Capacity Volts	No.	Ohms
C1	.001 500	R2	.002 600
C2	.02 400	R3	.01 400
C3	.00005 Mica	R4	20,000
C4	.05 200	R5	15,000,000
C5	.0005 Mica	R6	2,000,000
C6	.00025 Mica	R7	1,000
C7	.01 400	R8	500,000 Vol. Const.
		R9	5,000,000
		R10	250,000
			500,000
			150
			10%

Models D5 and XD5 are the same except for a few parts and that the XD5 is approved by the Underwriters Laboratories. A condenser is used in the XD5 model to provide a floating ground.

**Voltages**—Line 115 Volts AC—Power Consumption 30 Watts.  
 Volume Control maximum. Meter 1000 ohms per volt, 150 volt scale.  
 Plate (3) of 12SA7 tube to common ground.....80 volts  
 Plate (8) of 12SK7 tube to common ground.....80 volts  
 Screen (3) of 12SK7 tube to common ground.....82 volts  
 Plate (3) of 50L6 tube to common ground.....97 volts  
 Screen (4) of 50L6 tube to common ground.....82 volts  
 Cathode (2) of 50L6 tube to common ground.....5.5 volts  
 Cathode (8) of 35Z5 tube to common ground.....102 volts