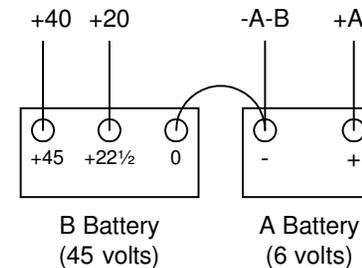


**Note:**  
This Detector / Amp is designed to use type 200 and 201 tubes with 1 amp filaments.

Type	P1 P2 / TIC	Winding Resistance P/S
1	TIC	1100 / 2000
2	TIC	1750 / 3300
3	P1 P2	1750 / 3300

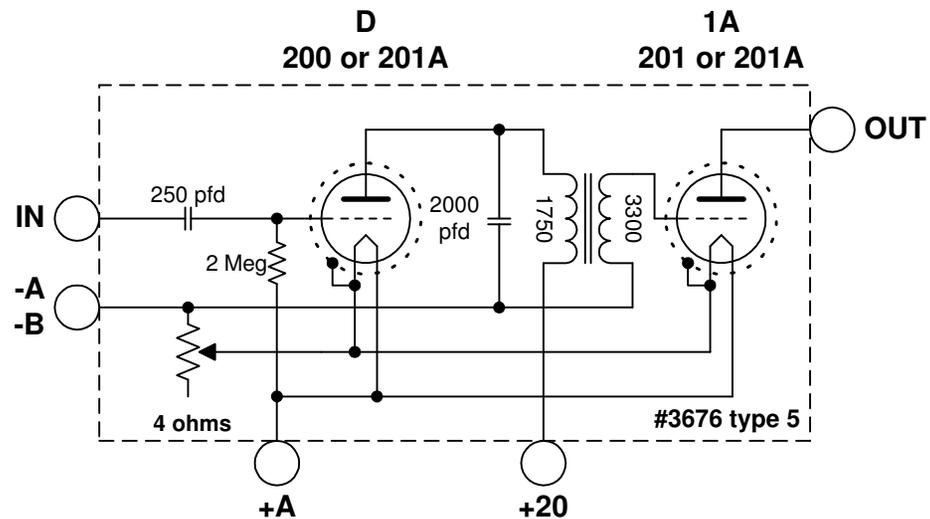
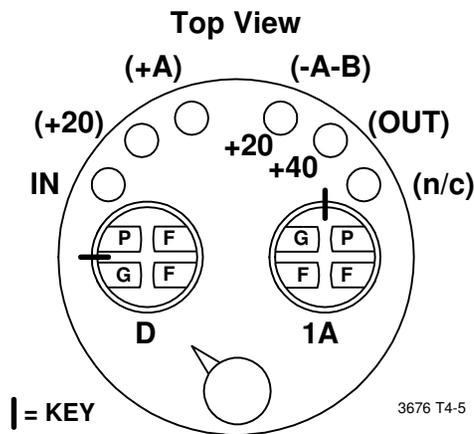


**Notes:**

- 1) This diagram covers the first three (of seven) variants of the 3676 Det/Amp. Differences are discussed below and summarized in the table.
- 2) Types 2 and 3 were used on the #3925 open set (our model 1).
- 3) There is no internal connection to the +40 binding post. B+ is connected to the plate of the output tube through the speaker or headphones.
- 4) Winding resistances changed from type 1 to types 2 and 3. See table.
- 5) The **TIC** (short for "tickler") designation was used on the first two types, **P1** and **P2** were used on the third type.

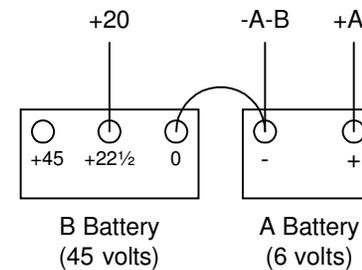
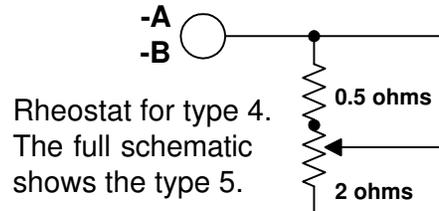
The information presented is believed to be correct. However, it is subject to revision at any time.

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		<b>Atwater Kent 3676 Detector/Amp Types 1-3</b>		
		<b>Schematic and Wiring Diagram</b>		
Drawn by:	Leigh Bassett W3NLB	FSCM NO	DWG NO	REV
Date:	23 Apr 2007		AK03676SCH	<b>E</b>
SCALE		SHEET		1 OF 3



Usable tube combinations

Det	Amp	Type 4	Type 5
200	201	X	
200	201A	X	X
201A	201A		X

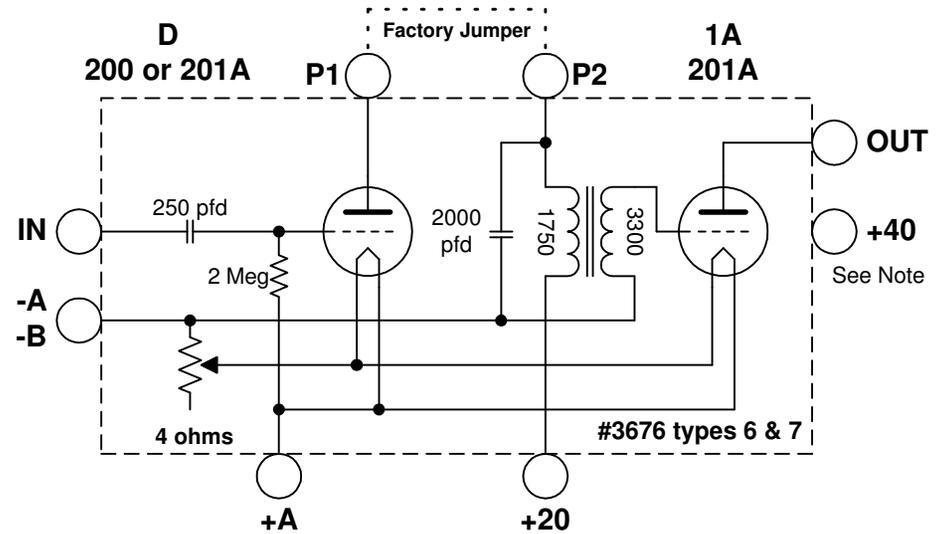
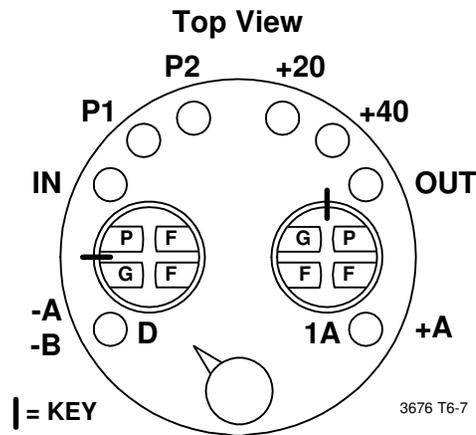


Notes:

- 1) This diagram covers types 4 and 5 (of seven) of p/n 3676 (brown). The difference between the two types is the rheostat value and configuration..
- 2) These two D/As were used on the Model 12B #4620 open set. They have labels molded into the Bakelite lid which are not correct. The proper connections are shown above in parenthesis. (n/c = no connection).
- 3) The rheostat for type 4 had a 0.5-ohm fixed section and a 2-ohm variable section as shown in the partial schematic.
- 4) These two types are unique in that the brass tube skirts are connected to **-A-B** (circuit common). The skirts are not connected on other 3676 types.

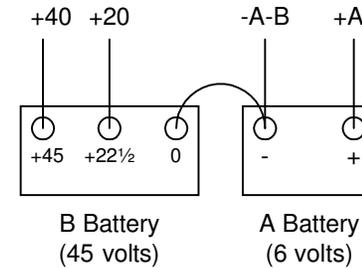
The information presented is believed to be correct.  
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		<b>Schematic and Wiring Diagram</b>		
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SCALE		SHEET		2 OF 3



**Note:**

This Detector / Amp is designed to use a 1-amp 200 detector plus a ¼-amp 201A amplifier or two ¼-amp 201A tubes.



**Notes:**

- 1) This diagram covers types 6 and 7 (of seven) of the 3676. The only difference between the two types is the color of the can. Type 6 is green. Type 7 is believed to be black., although no examples have been found.
- 2) There is no internal connection to the +40 binding post. B+ is connected to the plate of the output tube through the speaker.or headphones.

The information presented is believed to be correct. However, it is subject to revision at any time.

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		<b>Atwater Kent 3676 Detector/Amp Types 6&amp;7 Schematic and Wiring Diagram</b>		
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Date:	23 Apr 2007	SCALE	AK03676SCH	<b>E</b>
			SHEET	3 OF 3