

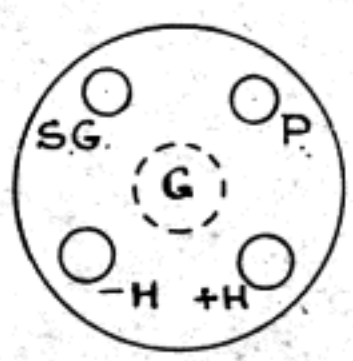
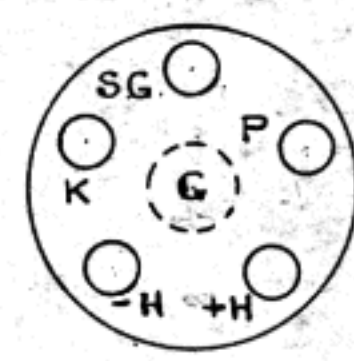
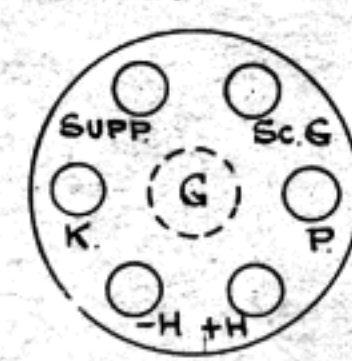
	.1	1	10	100	1 M.	10 M.	100 M.	1 MEG.
1.	.1	1	10	100	1000	10,000	100,000	1 MEG.
1.1	.11	1.1	11	110	1100	11,000	110,000	1.1 "
1.2	.12	1.2	12	120	1200	12,000	120,000	1.2 "
1.3	.13	1.3	13	130	1300	13,000	130,000	1.3 "
1.4	.14	1.4	14	140	1400	14,000	140,000	1.4 "
1.5	.15	1.5	15	150	1500	15,000	150,000	1.5 "
1.6	.16	1.6	16	160	1600	16,000	160,000	1.6 "
1.7	.17	1.7	17	170	1700	17,000	170,000	1.7 "
1.8	.18	1.8	18	180	1800	18,000	180,000	1.8 "
1.9	.19	1.9	19	190	1900	19,000	190,000	1.9 "
2	.2	2	20	200	2000	20,000	200,000	2 "
2.1	.21	2.1	21	210	2100	21,000	210,000	2.1 "
2.2	.22	2.2	22	220	2200	22,000	220,000	2.2 "
2.3	.23	2.3	23	230	2300	23,000	230,000	2.3 "
2.4	.24	2.4	24	240	2400	24,000	240,000	2.4 "
2.5	.25	2.5	25	250	2500	25,000	250,000	2.5 "
2.6	.26	2.6	26	260	2600	26,000	260,000	2.6 "
2.7	.27	2.7	27	270	2700	27,000	270,000	2.7 "
2.8	.28	2.8	28	280	2800	28,000	280,000	2.8 "
2.9	.29	2.9	29	290	2900	29,000	290,000	2.9 "
3	.3	3	30	300	3000	30,000	300,000	3 "
3.1	.31	3.1	31	310	3100	31,000	310,000	3.1 "
3.2	.32	3.2	32	320	3200	32,000	320,000	3.2 "
3.3	.33	3.3	33	330	3300	33,000	330,000	3.3 "
3.4	.34	3.4	34	340	3400	34,000	340,000	3.4 "
3.5	.35	3.5	35	350	3500	35,000	350,000	3.5 "
3.6	.36	3.6	36	360	3600	36,000	360,000	3.6 "
3.7	.37	3.7	37	370	3700	37,000	370,000	3.7 "
3.8	.38	3.8	38	380	3800	38,000	380,000	3.8 "
3.9	.39	3.9	39	390	3900	39,000	390,000	3.9 "
4	.4	4	40	400	4000	40,000	400,000	4 "
4.1	.41	4.1	41	410	4100	41,000	410,000	4.1 "
4.2	.42	4.2	42	420	4200	42,000	420,000	4.2 "
4.3	.43	4.3	43	430	4300	43,000	430,000	4.3 "
4.4	.44	4.4	44	440	4400	44,000	440,000	4.4 "
4.5	.45	4.5	45	450	4500	45,000	450,000	4.5 "
4.6	.46	4.6	46	460	4600	46,000	460,000	4.6 "
4.7	.47	4.7	47	470	4700	47,000	470,000	4.7 "
4.8	.48	4.8	48	480	4800	48,000	480,000	4.8 "
4.9	.49	4.9	49	490	4900	49,000	490,000	4.9 "
5	.5	5	50	500	5000	50,000	500,000	5 "
5.1	.51	5.1	51	510	5100	51,000	510,000	5.1 "
5.2	.52	5.2	52	520	5200	52,000	520,000	5.2 "
5.3	.53	5.3	53	530	5300	53,000	530,000	5.3 "
5.4	.54	5.4	54	540	5400	54,000	540,000	5.4 "
5.5	.55	5.5	55	550	5500	55,000	550,000	5.5 "
5.6	.56	5.6	56	560	5600	56,000	560,000	5.6 "
5.7	.57	5.7	57	570	5700	57,000	570,000	5.7 "
5.8	.58	5.8	58	580	5800	58,000	580,000	5.8 "
5.9	.59	5.9	59	590	5900	59,000	590,000	5.9 "
6	.6	6	60	600	6000	60,000	600,000	6 "
6.1	.61	6.1	61	610	6100	61,000	610,000	6.1 "
6.2	.62	6.2	62	620	6200	62,000	620,000	6.2 "
6.3	.63	6.3	63	630	6300	63,000	630,000	6.3 "
6.4	.64	6.4	64	640	6400	64,000	640,000	6.4 "
6.5	.65	6.5	65	650	6500	65,000	650,000	6.5 "
6.6	.66	6.6	66	660	6600	66,000	660,000	6.6 "
6.7	.67	6.7	67	670	6700	67,000	670,000	6.7 "
6.8	.68	6.8	68	680	6800	68,000	680,000	6.8 "
6.9	.69	6.9	69	690	6900	69,000	690,000	6.9 "
7	.7	7	70	700	7000	70,000	700,000	7 "
7.1	.71	7.1	71	710	7100	71,000	710,000	7.1 "
7.2	.72	7.2	72	720	7200	72,000	720,000	7.2 "
7.3	.73	7.3	73	730	7300	73,000	730,000	7.3 "
7.4	.74	7.4	74	740	7400	74,000	740,000	7.4 "
7.5	.75	7.5	75	750	7500	75,000	750,000	7.5 "
7.6	.76	7.6	76	760	7600	76,000	760,000	7.6 "
7.7	.77	7.7	77	770	7700	77,000	770,000	7.7 "
7.8	.78	7.8	78	780	7800	78,000	780,000	7.8 "
7.9	.79	7.9	79	790	7900	79,000	790,000	7.9 "
8	.8	8	80	800	8000	80,000	800,000	8 "
8.1	.81	8.1	81	810	8100	81,000	810,000	8.1 "
8.2	.82	8.2	82	820	8200	82,000	820,000	8.2 "
8.3	.83	8.3	83	830	8300	83,000	830,000	8.3 "
8.4	.84	8.4	84	840	8400	84,000	840,000	8.4 "
8.5	.85	8.5	85	850	8500	85,000	850,000	8.5 "
8.6	.86	8.6	86	860	8600	86,000	860,000	8.6 "
8.7	.87	8.7	87	870	8700	87,000	870,000	8.7 "
8.8	.88	8.8	88	880	8800	88,000	880,000	8.8 "
8.9	.89	8.9	89	890	8900	89,000	890,000	8.9 "
9	.9	9	90	900	9000	90,000	900,000	9 "
9.1	.91	9.1	91	910	9100	91,000	910,000	9.1 "
9.2	.92	9.2	92	920	9200	92,000	920,000	9.2 "
9.3	.93	9.3	93	930	9300	93,000	930,000	9.3 "
9.4	.94	9.4	94	940	9400	94,000	940,000	9.4 "
9.5	.95	9.5	95	950	9500	95,000	950,000	9.5 "
9.6	.96	9.6	96	960	9600	96,000	960,000	9.6 "
9.7	.97	9.7	97	970	9700	97,000	970,000	9.7 "
9.8	.98	9.8	98	980	9800	98,000	980,000	9.8 "
9.9	.99	9.9	99	990	9900	99,000	990,000	9.9 "
10	1.	10.	100	1000	10000	100,000	1 MEG	10 "

CONFIDENCE

Reg. U. S. Pat. Office

HOW TO USE
THE CONFIDENCE BRIDGE METER
A GENUINE BRIDGE ADAPTED TO RADIO
RANGE .1 to 10 MEGOHMS.

- 1- WHEN USING PROBE LEADS FOR UNKNOWN RESISTANCE. TURN BOTH SMALL "CIRCUIT SELECTORS" TO "PROBE BRIDGE".
TURN "RESISTANCE RANGE SELECTOR" TO APPROXIMATE RESISTANCE.
PRESS BUTTON AND BALANCE BY TURNING "MULTIPLIER". IF NEEDLE CANNOT BE BROUGHT TO LINE ON METER, INCREASE OR DECREASE "RANGE SELECTOR" VALUE AS DESCRIBED ON METER FACE.
- 2- BALANCING - WHEN METER NEEDLE STANDS PERFECTLY STILL AT THE LINE AS BUTTON IS PRESSED-RELEASED-PRESSED, ETC. -- THE BRIDGE IS IN BALANCE.
- 3- UNKNOWN RESISTANCE - MULTIPLY THE "RANGE SELECTOR" VALUE BY THE "MULTIPLIER" DECIMAL FIGURE, OR GLANCE AT THE TABLE ON LEFT.
EXAMPLE - IF THE "MULTIPLIER" IS AT 3.2
GLANCE DOWN THE LEFT COLUMN TO 3.2.
IF THE "RANGE SELECTOR" IS POINTING TO 1M, THE UNKNOWN RESISTANCE IS SHOWN AT THE INTERSECTION OF THE 1M COLUMN AND 3.2, OR 3,200 OHMS.
USING THE DEVICE A FEW TIMES WILL CREATE SPEED IN BALANCING AND DETERMINING RESISTANCE.
- 4- LOWER RANGE ACCURACY - FOR ACCURATE READINGS BELOW 10 OHMS DEDUCT .15 OHMS FROM NORMAL VALUES INDICATED. THIS ALLOWS FOR TEST LEAD RESISTANCE.
- 5- SOCKET PLUG - THIS PLUG HAS SEVEN PRONGS ON WHICH CAN BE QUICKLY ATTACHED AND DETACHED, ADAPTERS FOR 4, 5 AND 6 HOLE SOCKETS, USING STANDARD METHOD OF CONTACTS AS:




- 6- SHORTS - A RELAY IS USED TO PROTECT METER WHEN SHORTS ARE PLACED ACROSS PROBES OR PLUG TERMINAL, OR WHEN LOW RESISTANCES ARE BEING TESTED.
- 7- OPENS - THE METER NEEDLE CANNOT BE BROUGHT TO BALANCE IF OPEN CIRCUIT IS ON THE PROBES OR PLUG TERMINALS.
- 8- CONTINUITY - WHEN IT IS DESIRED TO USE THE TWO PROBES AND METER FOR CONTINUITY WORK WITHOUT NECESSITY OF PRESSING BUTTON, TURN THE "CIRCUIT SELECTORS" TO "PROBE CONTINUITY". THE "RANGE SELECTOR" MAY BE TURNED TO ANY POSITION ACCORDING TO THE DESIRED METER SENSITIVITY.
- 9- ONE MEGOHM AND ABOVE - SEE SPECIAL INSTRUCTIONS ON BATTERY PANEL. POWER PACK NOT TO EXCEED 180 VOLTS MAY BE SUBSTITUTED FOR BATTERIES.
A MEGOHMS READING MAY BE OBTAINED WITH CAREFUL ADJUSTMENT BY SHORTING BINDING POSTS AND USING ONLY THE INTERNAL LOW VOLTAGE BATTERY.



Publication Digitized and Provided By

www.StevenJohnson.com

Vintage Schematics, and Publications

Steve's Antique Technology