

Intro

This is a wiring map for the interconnections board A10 of HP-8555A RF plug-in
The manual does not seem to provide documentation for this map

I have checked all connections on my own unit s/n prefix 1528
Lower s/n prefixes might be different, mods are documented on the manual

There are references to the service sheets where the connection is documented

A10 has two rows of connections, one at the top and one at the left
looking at the unit upside down, tuning head to the left
In many cases there are two or more references to the same wire code
in different and even in the same row, but they might correspond to different signals
It is indicated which row each connection is related to

Wiring Map

A4 YIG Driver

XA4	A10	Row on A10	Service Sheet	XA4	A10	Row on A10	Service Sheet
1	95	Left	7	A	98	Top	7
2	8	Top	7	B	978	Left	7
3	927	Left	7	C	9	Left	7
4	923	Left	7	D	902	Top	7
5	0	GND	7	E	7	Top	7
6	936	Left-middle	7	F	968	Left	7
7	924	Left	7	H	937	Left	7
8	9	Top	7	J	935	Left-middle	7
9	901	Left	7	K	934	Left-middle	7
10	unused			L	907	Top	7

A5 Tuning Stabilizer Control

XA5	A10	Row on A10	Service Sheet	XA5	A10	Row on A10	Service Sheet
1	92	Top	9	A	XA6-B	none	8
2	948	Top	8	B	906	Left	9
3	928	Left	9	C	unused		
4	91	Top	9	D	902	Top	9
5	0	GND	9	E	7	Top	8,9
6	901	Top	8,9	F	8	Top	9
7	unused			H	912	Top	8,9
8	958	Top	9	J	unused		
9	unused			K	904	Top	9
10	97	Top	9	L	907	Top	8,9

A6 Band Buffer

XA6	A10	Row on A10	Service Sheet	XA6	A10	Row on A10	Service Sheet
1	913	Top	2	A	912	Top	5,8
2	914	Top	8,11	B	XA5-A	none	8
3	915	Top	8,11	C	925	Left	8
4	916	Top	8,11	D	5	Top	2,11
5	917	Top	8,11	E	0	GND	5
6	918	Top	11	F	unused		
7	926	Left	8	H	unused		
8	934	Left-bottom	5,8	J	unused		
9	935	Left-bottom	5,11	K	6	Top	3,11
10	936	Left-bottom	5,11	L	97	Top	5,8,11
11	unused			M	97-not connected		
12	unused			N	968	Top	5

A7 Sig Ident Attenuator Driver

XA7	A10	Row on A10	Service Sheet	XA7	A10	Row on A10	Service Sheet
1	97	Top	2	A	8	Left	2
2	947	Left	6	B	4	Left	2
3	945	Left	6	C	912	Left	6
4	0	GND	6	D	907	Left	6
5	938	Left	6	E	925	Left	6
6	918	Left	6	F	7	Top	6

A8 Regulator

XA8	A10	Row on A10	Service Sheet	XA8	A10	Row on A10	Service Sheet
1	0	GND	15	A	0	GND	15
2	4	Top	15	B	4	Top	15
3	912	Top	15	C	912	Top	15
4	912	Top	15	D	912	Top	15
5	902	Top	15	E	902	Top	15
6	902	Top	15	F	902	Top	15