

BruControl Interface Wiring Map: Arduino MEGA 2560 (Firmware v45E+)						
Connection ->			TCP (Network)		Serial	<- Connection
Wiring Map ->			Default	Wi-Fi	Default	<- Wiring Map
Firmware Prefix ->			BruControl.45E.MEGA.			<- Firmware Prefix
Firmware Suffix ->			E	W	S	<- Firmware Suffix
Interface pin #	BruControl port #	UniShield UM- 1 Terminal				User Description (record device type and device connected)
0	N/A	10-2 (VD)	N/C	N/C	N/C	
1	N/A	10-1 (VD)	N/C	N/C	N/C	
2	2	9-3 (VC)	D, C, O, P, R	D, C, O, P, R	D, C, O, P, R	
3	3	9-4 (VC)	D, C, O, P, R	D, C, O, P, R	D, C, O, P, R	
4	4	9-1 (VC)	D, O, P, R	D, O, P, R	D, O, P, R	
5	5	9-2 (VC)	D, O, P, R	N/C	D, O, P, R	
6	6	8-3 (VC)	D, O, P, R	D, O, P, R	D, O, P, R	
7	7	8-4 (VC)	D, O, P, R	N/C	D, O, P, R	
8	8	8-1 (VC)	D, O, P, R	D, O, P, R	D, O, P, R	
9	9	8-2 (VC)	D, O, P, R	D, O, P, R	D, O, P, R	
10	10	7-3 (VC)	N/C	N/C	D, O, P, R	
11	11	7-4 (VC)	D, O, P, R	D, O, P, R	D, O, P, R	
12	12	7-1 (VC)	D, O, P, R	D, O, P, R	D, O, P, R	
13	13	7-2 (VC)	D*, P, L	D*, P, L	D*, P, L	
14	14	11-3 (VD)	D, O, R	D, O, R	D, O, R	
15	15	11-4 (VD)	D, O, R	D, O, R	D, O, R	
16	16	11-1 (VD)	D, R	D, R	D, R	
17	17	11-2 (VD)	D, R	D, R	D, R	
18	18	10-3 (VD)	D, C, R	D, C, R	D, C, R	
19	19	10-4 (VD)	D, C, R	D, C, R	D, C, R	
20	N/A	N/A	N/C	N/C	N/C	
21	N/A	N/A	N/C	N/C	N/C	
22	22	12-1 (VD)	D, R	D, R	D, R	
23	23	12-2 (VD)	D, R	D, R	D, R	
24	24	12-3 (VD)	D, R	D, R	D, R	
25	25	12-4 (VD)	D, R	D, R	D, R	
26	26	6-4 (VB)	D, R	D, R	D, R	
27	27	6-3 (VB)	D, R	D, R	D, R	
28	28	6-2 (VB)	D, R	D, R	D, R	
29	29	6-1 (VB)	D, R	D, R	D, R	

BruControl Interface Wiring Map: Arduino MEGA 2560 (Firmware v45E+)						
Connection ->			TCP (Network)		Serial	<- Connection
Wiring Map ->			Default	Wi-Fi	Default	<- Wiring Map
Firmware Prefix ->			BruControl.45E.MEGA.			<- Firmware Prefix
Firmware Suffix ->			E	W	S	<- Firmware Suffix
Interface pin #	BruControl port #	UniShield UM- 1 Terminal				User Description (record device type and device connected)
30	30	5-4 (VB)	D, R	D, R	D, R	
31	31	5-3 (VB)	D, R	D, R	D, R	
32	32	5-2 (VB)	D, R	D, R	D, R	
33	33	5-1 (VB)	D, R	D, R	D, R	
34	34	4-4 (VB)	D, R	D, R	D, R	
35	35	4-3 (VB)	D, R	D, R	D, R	
36	36	4-2 (VB)	D, R	D, R	D, R	
37	37	4-1 (VB)	D, R	D, R	D, R	
38	38	1-1 (VA)	D, R	D, R	D, R	
39	39	1-2 (VA)	D, R	D, R	D, R	
40	40	1-3 (VA)	D, R	D, R	D, R	
41	41	1-4 (VA)	D, R	D, R	D, R	
42	42	2-1 (VA)	D, R	D, R	D, R	
43	43	2-2 (VA)	D, R	D, R	D, R	
44	44	2-3 (VA)	D, P, R	D, P, R	D, P, R	
45	45	2-4 (VA)	D, P, R	D, P, R	D, P, R	
46	46	3-1 (VA)	D, P, R	D, P, R	D, P, R	
47	47	3-2 (VA)	D, R	D, R	D, R	
48	48	3-3 (VA)	D, R	D, R	D, R	
49	49	3-4 (VA)	D, R	D, R	D, R	
50	50	N/A	N/C	N/C	N/C	
51	51	N/A	N/C	N/C	N/C	
52	52	N/A	N/C	N/C	N/C	
53	53	N/A	N/C	N/C	N/C	
A0	100	N/A	A	A	A	
A1	101	N/A	A	A	A	
A2	102	N/A	A	A	A	
A3	103	N/A	A	A	A	
A4	104	N/A	A	A	A	

BruControl Interface Wiring Map: Arduino MEGA 2560 (Firmware v45E+)						
Connection ->			TCP (Network)		Serial	<- Connection
Wiring Map ->			Default	Wi-Fi	Default	<- Wiring Map
Firmware Prefix ->			BruControl.45E.MEGA.			<- Firmware Prefix
Firmware Suffix ->			E	W	S	<- Firmware Suffix
Interface pin #	BruControl port #	UniShield UM-1 Terminal				User Description (record device type and device connected)
A5	105	N/A	A	A	A	
A6	106	N/A	A	A	A	
A7	107	N/A	A	A	A	
A8	108	N/A	A	A	A	
A9	109	N/A	A	A	A	
A10	110	N/A	A	A	A	
A11	111	N/A	A	A	A	
A12	112	N/A	A	A	A	
A13	113	N/A	A	A	A	
A14	114	N/A	A	A	A	
A15	115	N/A	A	A	A	