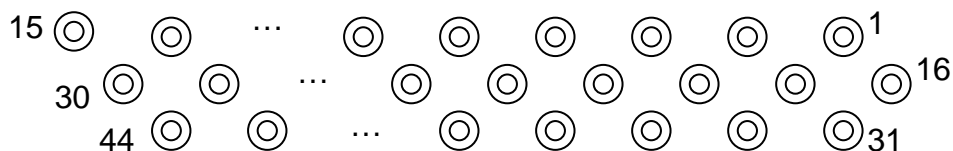


Appendix B Connector Pinouts

Digital I/O port pinout

Connection diagram, looking at front of system unit (HD44 female connector)



Pin	Function
1	Input channel 1
2	Input channel 2
3	Input channel 3
4	Input channel 4
5	Input channel 5
6	Input channel 6
7	Input channel 7
8	Input channel 8
9	Input channel 9
10	Input channel 10
11	Input channel 11
12	Input channel 12
13	Input channel 13 or Remote channel 3
14	Input channel 14 or Remote channel 2
15	Input channel 15
16	Output channel 1
17	Output channel 2
18	Output channel 3
19	Output channel 4
20	Output channel 5
21	Output channel 6
22	Output channel 7
23	Output channel 8
24	Output channel 9
25	Output channel 10
26	Output channel 11
27	Output channel 12
28	Output channel 13
29	Output channel 14
30	Output channel 15
31	+5V 300mA max (isolated)
32	Ground (isolated)
33	Stimulator on
34	Stimulator pulse out or 1 st halfpulse in biphasic mode

35	Stimulator 2 nd halfpulse in biphasic mode
36	Stimulus isolator amplitude control
37	Timestamp sync output
38	Timestamp clock output
39	Timestamp clock input
40	Timestamp sync input
41	Serial port output
42	Serial port input
43	Output channel 16
44	Remote antenna or Input channel 16 (internally set)