

ADAM Intercom Size vs. SBX/DBX and AIO Card Population AIO-8 Port Cards

DBX Card Population.XLS
12/6/2004

Number of Slots	17
Number of Panels Per I/O Card	8

Single Bus Expanders with 8 port Analog I/O Cards

Number of Frames	Ports		Bus Expanders			IO Cards			Timeslots Forwarded	Notes
	Total	Per Frame	Number/Frme	Total/Sys.	Slots Used	Number/Frme	Total/Sys.	Increase		
1	136	136	0	0	0	17	17	17		No BXs
2	256	128	1	2	9	16	32	15		
3	360	120	2	6	8,9	15	45	13		
4	448	112	3	12	8,9,10	14	56	11		

Number of Slots	17
Number of Panels Per I/O Card	8

Dual Bus Expanders (no Redundant Audio) with 8 port Analog I/O Cards

Number of Frames	Ports		Bus Expanders			IO Cards			Timeslots Forwarded	Notes
	Total	Increase	Number/Frme	Total/Sys.	Slots Used	Number/Frme	Total/Sys.	Increase		
1	136	136	0	0	0	17	17	17	N/A	No BXs
2	256	120	1	2	9	16	32	15	128	
3	384	128	1	3	9	16	48	16	128	
4	480	96	2	8	8,9	15	60	12	120	
5	600	120	2	10	8,9	15	75	15	120	
6	672	72	3	18	8,9,10	14	84	9	112	
7	784	112	3	21	8,9,10	14	98	14	112	
8	832	48	4	32	7,8,9,10	13	104	6	104	
9	936	104	4	36	7,8,9,10	13	117	13	104	
10	960	24	5	50	7,8,9,10,11	12	120	3	96	
11	1056	96	5	55	7,8,9,10,11	12	132	12	96	

Note: 3 frame systems above loose 4 ports per frame due to Test Audio enabled. 2 Frame = 248 ports, 3 Frame = 372 ports.

Number of Slots	17
Number of Panels Per I/O Card	8

Dual Bus Expanders (Redundant Audio) with 8 port Analog I/O Cards and Single Bus Expanders with 8 port Analog I/O Cards

Number of Frames	Ports		Bus Expanders			IO Cards			Timeslots Forwarded	Notes
	Total	Increase	Number/Frme	Total/Sys.	Slots Used	Number/Frme	Total/Sys.	Increase		
1	136	136	0	0		17	17	17	N/A	No BXs
2	240	120	2	4	8,9	15	30	13	120	
3	360	104	2	6	8,9	15	45	15	120	
4	448	88	3	12	8,9,10	14	56	11	112	
5	520	72	4	20	7,8,9,10	13	65	9	104	
6	576	56	5	30	7,8,9,10,11	12	72	7	96	
7	616	40	6	42	6,7,8,9,10,11	11	77	5	88	