

## Controlling the Azure 2000 using a LUTRON control system or an RS232 communication link from an external command system.

- Connection is made using Midi Connections on the rear of the console and a Midi to RS232 cable available from Avolites and via the Avolites web shop (part number 1808-0013) the PC RS232 port should be configured as 9600, N, 8, 1
- The Azure 2000 MIDI option in the Preferences screen must be set to LUTRON control.
- All commands are initiated through the RS232 communication link from the Show control system.
- The Consoles' controls and the Remote commands work in Parallel.
- NOTE: if a memory is already ON on a playback and you wish to load another memory on the same playback but from a different page, then you must first switch OFF the playback then Switch ON the playback. You can change page before or after switch OFF the playback.

Command (decimal)	PC Sends (Hexadecimal)	Desk Sends (Hexadecimal)
Check Cable	0	Responds with FF
Switch ON Playback 1	1	1 if found, FE if already ON, otherwise FF
Switch ON Playback 50	32	32 if found, FE if already ON, otherwise FF
Switch ON Environment 1	33	33 if found, FE if already ON, otherwise FF
Switch ON Environment 20	46	46 if found, FE if already ON, otherwise FF
Set Page to A	47	47, FE if already this page
Set Page to J	50	50, FE if already this page
Switch ON DMX line A	51	51, FE if already ON
Switch ON DMX Line D	54	54, FE if already ON
Enable Dead Black out	55	55, FE if already Active
*****	*****	*****
Switch OFF Playback 1	81	81 if ON otherwise FF
Switch OFF Playback 50	B2	B2 if ON otherwise FF
Switch OFF Environment 1	B3	B3 if ON otherwise FF
Switch OFF Environment 20	C6	C6 if ON otherwise FF
Switch OFF DMX line A	D1	D1, FE if already OFF
Switch OFF DMX Line D	D4	D4, FE if already OFF
Disable Dead Blackout	D5	D5, FE if already disabled
Request Desk status	E0	1 if playback 1 is ON  32 if playback 50 is ON  33 if Environment 1 is ON  46 if Environment 20 is ON  47 to 50 depending on which page is active  51 if DMX line A is active  54 if DMX line D is active  55 if DBO is active  FF last byte to be sent

## Command reference

0	Check Cable	37	Environment 5 ON
1	Playback 1 ON	38	Environment 6 ON
2	Playback 2 ON	39	Environment 7 ON
3	Playback 3 ON	3A	Environment 8 ON
4	Playback 4 ON	3B	Environment 9 ON
5	Playback 5 ON	3C	Environment 10 ON
6	Playback 6 ON	3D	Environment 11 ON
7	Playback 7 ON	3E	Environment 12 ON
8	Playback 8 ON	3F	Environment 13 ON
9	Playback 9 ON	40	Environment 14 ON
A	Playback 10 ON	41	Environment 15 ON
B	Playback 11 ON	42	Environment 16 ON
C	Playback 12 ON	43	Environment 17 ON
D	Playback 13 ON	44	Environment 18 ON
E	Playback 14 ON	45	Environment 19 ON
F	Playback 15 ON	46	Environment 20 ON
10	Playback 16 ON	47	Select Page A
11	Playback 17 ON	48	Select Page B
12	Playback 18 ON	49	Select Page C
13	Playback 19 ON	4A	Select Page D
14	Playback 20 ON	4B	Select Page E
15	Playback 21 ON	4C	Select Page F
16	Playback 22 ON	4D	Select Page G
17	Playback 23 ON	4E	Select Page H
18	Playback 24 ON	4F	Select Page I
19	Playback 25 ON	50	Select Page J
1A	Playback 26 ON	51	Switch ON DMX Line A
1B	Playback 27 ON	52	Switch ON DMX Line B
1C	Playback 28 ON	53	Switch ON DMX Line C
1D	Playback 29 ON	54	Switch ON DMX Line D
1E	Playback 30 ON	55	Enable Dead Black out
1F	Playback 31 ON		
20	Playback 32 ON	56	GO on playback 1
21	Playback 33 ON	57	GO on playback 2
22	Playback 34 ON	58	GO on playback 3
23	Playback 35 ON	59	GO on playback 4
24	Playback 36 ON	5a	GO on playback 5
25	Playback 37 ON	5b	GO on playback 6
26	Playback 38 ON	5c	GO on playback 7
27	Playback 39 ON	5d	GO on playback 8
28	Playback 40 ON	5e	GO on playback 9
29	Playback 41 ON	5f	GO on playback 10
2A	Playback 42 ON	60	GO on playback 11
2B	Playback 43 ON	61	GO on playback 12
2C	Playback 44 ON	62	GO on playback 13
2D	Playback 45 ON	63	GO on playback 14
2E	Playback 46 ON	64	GO on playback 15
2F	Playback 47 ON	65	GO on playback 16
30	Playback 48 ON	66	GO on playback 17
31	Playback 49 ON	67	GO on playback 18
32	Playback 50 ON	68	GO on playback 19
33	Environment 1 ON	69	GO on playback 20
34	Environment 2 ON		
35	Environment 3 ON	6a	STOP playback 1
36	Environment 4 ON	6b	STOP playback 2

6c STOP playback 3  
6d STOP playback 4  
6e STOP playback 5  
6f STOP playback 6  
70 STOP playback 7  
71 STOP playback 8  
72 STOP playback 9  
73 STOP playback 10  
74 STOP playback 11  
75 STOP playback 12  
76 STOP playback 13  
77 STOP playback 14  
78 STOP playback 15  
79 STOP playback 16  
7a STOP playback 17  
7b STOP playback 18  
7c STOP playback 19  
7d STOP playback 20

81 Playback 1 OFF  
82 Playback 2 OFF  
83 Playback 3 OFF  
84 Playback 4 OFF  
85 Playback 5 OFF  
86 Playback 6 OFF  
87 Playback 7 OFF  
88 Playback 8 OFF  
89 Playback 9 OFF  
8A Playback 10 OFF  
8B Playback 11 OFF  
8C Playback 12 OFF  
8D Playback 13 OFF  
8E Playback 14 OFF  
8F Playback 15 OFF  
90 Playback 16 OFF  
91 Playback 17 OFF  
92 Playback 18 OFF  
93 Playback 19 OFF  
94 Playback 20 OFF  
95 Playback 21 OFF  
96 Playback 22 OFF  
97 Playback 23 OFF  
98 Playback 24 OFF  
99 Playback 25 OFF  
9A Playback 26 OFF  
9B Playback 27 OFF  
9C Playback 28 OFF  
9D Playback 29 OFF  
9E Playback 30 OFF  
9F Playback 31 OFF  
A0 Playback 32 OFF  
A1 Playback 33 OFF  
A2 Playback 34 OFF  
A3 Playback 35 OFF  
A4 Playback 36 OFF  
A5 Playback 37 OFF  
A6 Playback 38 OFF  
A7 Playback 39 OFF  
A8 Playback 40 OFF  
A9 Playback 41 OFF

AA Playback 42 OFF  
AB Playback 43 OFF  
AC Playback 44 OFF  
AD Playback 45 OFF  
AE Playback 46 OFF  
AF Playback 47 OFF  
B0 Playback 48 OFF  
B1 Playback 49 OFF  
B2 Playback 50 OFF  
B3 Environment 1 OFF  
B4 Environment 2 OFF  
B5 Environment 3 OFF  
B6 Environment 4 OFF  
B7 Environment 5 OFF  
B8 Environment 6 OFF  
B9 Environment 7 OFF  
BA Environment 8 OFF  
BB Environment 9 OFF  
BC Environment 10 OFF  
BD Environment 11 OFF  
BE Environment 12 OFF  
BF Environment 13 OFF  
C0 Environment 14 OFF  
C1 Environment 15 OFF  
C2 Environment 16 OFF  
C3 Environment 17 OFF  
C4 Environment 18 OFF  
C5 Environment 19 OFF  
C6 Environment 20 OFF  
D1 Switch OFF DMX Line A  
D2 Switch OFF DMX Line B  
D3 Switch OFF DMX Line C  
D4 Switch OFF DMX Line D  
D5 Release Dead Black out  
E0 Request Desk Status