

Raspberry Pi Python Documentation

4/3/2020

Software requires Python v3+, PythonOSC, and GPIOZero

Inputs					Outputs				
All Pis send their hostname as part of the OSC string, and will only work if the hostname is set to exactly what is written at the top of each section, case and space sensitive. Sending using port 53002.					Sending a 1 or 0 variable at the end of these strings will turn the pin on or off respectively with 3.3 volts. Not a lot of specific effects at this point, more to come. Receiving using port 53003				
GPIO Pin (BCM)	Message Name	OSC String	Medialion Cue	Notes	Medialion Cue	OSC String	Message Name	GPIO Pin (BCM)	Notes
anteroom1					anteroom1				
2	A1	/anteroom1/A 1	A201		Unused	/relay1/control 1			
	A0	/anteroom1/A 0			Unused	/relay1/control 0	R1	21	Free for other outputs.
	B1	/anteroom1/B 1	A203		Unused	/relay2/control 1			
3	B0	/anteroom1/B 0			Unused	/relay2/control 0	R2	20	Free for other outputs.
	C1	/anteroom1/C 1	A205		Unused	/relay3/control 1			
4	C0	/anteroom1/C 0			Unused	/relay3/control 0	R3	16	Free for other outputs.
	D1	/anteroom1/D 1	A207		Unused	/relay4/control 1			
17	D0	/anteroom1/D 0			Unused	/relay4/control 0	R4	12	Free for other outputs.
27	E1	/anteroom1/E 1	A208						
	E0	/anteroom1/E 0							
	F1	/anteroom1/F 1	A209						
22	F0	/anteroom1/F 0			Unused	/relay1/control 1			
	G1	/anteroom1/G 1	A210		Unused	/relay1/control 0	R1	21	Free for other outputs.
	G0	/anteroom1/G 0			Unused	/relay2/control 1			
10					Unused	/relay2/control 0	R2	20	Free for other outputs.
	H1	/anteroom1/H 1	A299	Technically represented in Medialion, likely could be removed, leaving for now.	Unused	/relay3/control 1			
	H0	/anteroom1/H 0	Unused		Unused	/relay3/control 0	R3	16	Free for other outputs.
11	I1	/anteroom1/I 1	Unused	Free for other inputs.	Unused	/relay4/control 1			
	I0	/anteroom1/I 0	Unused		Unused	/relay4/control 0	R4	12	Free for other outputs.
0	J1	/anteroom1/J 1	Unused	Free for other inputs.					
	J0	/anteroom1/J 0	Unused						
	K1	/anteroom1/K 1	Unused	Free for other inputs.					
5	K0	/anteroom1/K 0	Unused		Unused	/relay1/control 1			
	L1	/anteroom1/L 1	Unused	Free for other inputs.	Unused	/relay1/control 0	R1	21	Free for other outputs.
	L0	/anteroom1/L 0	Unused		Unused	/relay2/control 1			
6					Unused	/relay2/control 0	R2	20	Free for other outputs.
	M1	/anteroom1/M 1	Unused	Free for other inputs.	Unused	/relay3/control 1			
	M0	/anteroom1/M 0	Unused		Unused	/relay3/control 0	R3	16	Free for other outputs.
13	N1	/anteroom1/N 1	Unused	Free for other inputs.	Unused	/relay4/control 1			
	N0	/anteroom1/N 0	Unused		Unused	/relay4/control 0	R4	12	Free for other outputs.
	O1	/anteroom1/O 1	Unused	Free for other inputs.					
26	O0	/anteroom1/O 0	Unused						
funeral					skull				
2	A1	/funeral/A 1	B301		Unused	/relay1/control 1			
	A0	/funeral/A 0			Unused	/relay1/control 0	R1	21	Free for other outputs.
	B1	/funeral/B 1	B305		Unused	/relay2/control 1			
3	B0	/funeral/B 0	A299		Unused	/relay2/control 0	R2	20	Free for other outputs.
	C1	/funeral/C 1	B310		Unused	/relay3/control 1			
4	C0	/funeral/C 0			Unused	/relay3/control 0	R3	16	Free for other outputs.
	D1	/funeral/D 1	B315		Unused	/relay4/control 1			
17	D0	/funeral/D 0			Unused	/relay4/control 0	R4	12	Free for other outputs.
	E1	/funeral/E 1	B320						
27	E0	/funeral/E 0			Unused	/relay1/control 1			
					Unused	/relay1/control 0	R1	21	Free for other outputs.
	F1	/funeral/F 1	B399	Technically represented in Medialion, likely could be removed, leaving for now.	Unused	/relay2/control 1			
22	F0	/funeral/F 0			Unused	/relay2/control 0	R2	20	Free for other outputs.
	G1	/funeral/G 1	Unused	Free for other inputs.	Unused	/relay3/control 1			
	G0	/funeral/G 0	Unused		Unused	/relay3/control 0	R3	16	Free for other outputs.
9	H1	/funeral/H 1	Unused	Free for other inputs.	Unused	/relay4/control 1			
	H0	/funeral/H 0	Unused		Unused	/relay4/control 0	R4	12	Free for other outputs.
	I1	/funeral/I 1	Unused	Free for other inputs.					
11	I0	/funeral/I 0	Unused						
	J1	/funeral/J 1	Unused	Free for other inputs.					
	J0	/funeral/J 0	Unused		Unused	/relay1/control 1			
0	K1	/funeral/K 1	Unused	Free for other inputs.	Unused	/relay1/control 0	R1	21	Free for other outputs.
	K0	/funeral/K 0	Unused		Unused	/relay2/control 1			
	L1	/funeral/L 1	Unused	Free for other inputs.	Unused	/relay2/control 0	R2	20	Free for other outputs.
6	L0	/funeral/L 0	Unused		Unused	/relay3/control 1			
	M1	/funeral/M 1	Unused	Free for other inputs.	Unused	/relay3/control 0	R3	16	Free for other outputs.
	M0	/funeral/M 0	Unused		Unused	/relay4/control 1			
13	N1	/funeral/N 1	Unused	Free for other inputs.	Unused	/relay4/control 0	R4	12	Free for other outputs.
	N0	/funeral/N 0	Unused						
	O1	/funeral/O 1	Unused	Free for other inputs.					
26	O0	/funeral/O 0	Unused						
tunnel1					disco				
2	A1	/tunnel1/A 1	C401		Unused	/relay1/control 1			
	A0	/tunnel1/A 0			Unused	/relay1/control 0	R1	21	Free for other outputs.
	B1	/tunnel1/B 1	C405		Unused	/relay2/control 1			
3	B0	/tunnel1/B 0	B399		Unused	/relay2/control 0	R2	20	Free for other outputs.
	C1	/tunnel1/C 1	C499	Technically represented in Medialion, likely could be removed, leaving for now.	Unused	/relay3/control 1			
4	C0	/tunnel1/C 0			Unused	/relay3/control 0	R3	16	Free for other outputs.
	D1	/tunnel1/D 1	Unused	Free for other inputs.	Unused	/relay4/control 1			
	D0	/tunnel1/D 0	Unused		Unused	/relay4/control 0	R4	12	Free for other outputs.
17	E1	/tunnel1/E 1	Unused	Free for other inputs.					
	E0	/tunnel1/E 0	Unused						
	F1	/tunnel1/F 1	Unused	Free for other inputs.					
22	F0	/tunnel1/F 0	Unused		Unused	/relay1/control 1			
	G1	/tunnel1/G 1	Unused	Free for other inputs.	Unused	/relay1/control 0	R1	21	Free for other outputs.
	G0	/tunnel1/G 0	Unused		Unused	/relay2/control 1			
10	H1	/tunnel1/H 1	Unused	Free for other inputs.	Unused	/relay2/control 0	R2	20	Free for other outputs.
	H0	/tunnel1/H 0	Unused		Unused	/relay3/control 1			
	I1	/tunnel1/I 1	Unused	Free for other inputs.	Unused	/relay3/control 0	R3	16	Free for other outputs.
9	I0	/tunnel1/I 0	Unused		Unused	/relay4/control 1			
					Unused	/relay4/control 0	R4	12	Free for other outputs.
backstage					backyard				
2	A1	/backstage/A 1			Unused	/relay1/control 1			
	A0	/backstage/A 0			Unused	/relay1/control 0	R1	21	Free for other outputs.
	B1	/backstage/B 1			Unused	/relay2/control 1			
3	B0	/backstage/B 0			Unused	/relay2/control 0	R2	20	Free for other outputs.
	C1	/backstage/C 1			Unused	/relay3/control 1			
4	C0	/backstage/C 0			Unused	/relay3/control 0	R3	16	Free for other outputs.
	D1	/backstage/D 1			Unused	/relay4/control 1			
	D0	/backstage/D 0			Unused	/relay4/control 0	R4	12	Free for other outputs.
17	E1	/backstage/E 1							
	E0	/backstage/E 0							
	F1	/backstage/F 1							
22	F0	/backstage/F 0			Unused	/relay1/control 1			
	G1	/backstage/G 1			Unused	/relay1/control 0	R1	21	Free for other outputs.
	G0	/backstage/G 0			Unused	/relay2/control 1			
10	H1	/backstage/H 1			Unused	/relay2/control 0	R2	20	Free for other outputs.
	H0	/backstage/H 0			Unused	/relay3/control 1			
	I1	/backstage/I 1			Unused	/relay3/control 0	R3	16	Free for other outputs.
9	I0	/backstage/I 0			Unused	/relay4/control 1			
					Unused	/relay4/control 0	R4	12	Free for other outputs.
oversize					oversize				
11					Unused	/relay1/control 1			
	I0	/tunnel1/I 0	Unused		Unused	/relay1/control 0	R1	21	Free for other outputs.

[illegible]

4/3/2020

Software requires Python v3+, PythonOSC, and GPIOZero

Raspberry Pi Python Documentation									
4/3/2020									
Software requires Python v3+, PythonOSC, and GPIOZero									
Inputs					Outputs				
All Pis send their hostname as part of the OSC string, and will only work if the hostname is set to exactly what is written at the top of each section, case and space sensitive. Sending using port 53002.					Sending a 1 or 0 variable at the end of these strings will turn the pin on or off respectively with 3.3 volts. Not a lot of specific effects at this point, more to come. Receiving using port 53003				
GPIO Pin (BCM)	Message Name	OSC String	Medialon Cue	Notes	Medialon Cue	OSC String	Message Name	GPIO Pin (BCM)	Notes
4	C0	/disco/C 0							
	D1	/disco/D 1	Unused	Free for other inputs.					
17	D0	/disco/D 0	Unused						
	E1	/disco/E 1	Unused	Free for other inputs.					
27	E0	/disco/E 0	Unused						
	F1	/disco/F 1	Unused	Free for other inputs.					
22	F0	/disco/F 0	Unused						
	G1	/disco/G 1	Unused	Free for other inputs.					
10	G0	/disco/G 0	Unused						
	H1	/disco/H 1	Unused	Free for other inputs.					
9	H0	/disco/H 0	Unused						
	I1	/disco/I 1	Unused	Free for other inputs.					
11	I0	/disco/I 0	Unused						
	J1	/disco/J 1	Unused	Free for other inputs.					
0	J0	/disco/J 0	Unused						
	K1	/disco/K 1	Unused	Free for other inputs.					
5	K0	/disco/K 0	Unused						
	L1	/disco/L 1	Unused	Free for other inputs.					
6	L0	/disco/L 0	Unused						
	M1	/disco/M 1	Unused	Free for other inputs.					
13	M0	/disco/M 0	Unused						
	N1	/disco/N 1	Unused	Free for other inputs.					
19	N0	/disco/N 0	Unused						
	O1	/disco/O 1	Unused	Free for other inputs.					
26	O0	/disco/O 0	Unused						
			backstage						
2	A1	/backstage/A 1	G801						
	A0	/backstage/A 0							
	B1	/backstage/B 1	G805						
3	B0	/backstage/B 0	F799						
4	C1	/backstage/C 1	G899	Technically represented in Medialon, likely could be removed, leaving for now.					
	C0	/backstage/C 0							
17	D1	/backstage/D 1	Unused	Free for other inputs.					
	D0	/backstage/D 0	Unused						
27	E1	/backstage/E 1	Unused	Free for other inputs.					
	E0	/backstage/E 0	Unused						
22	F1	/backstage/F 1	Unused	Free for other inputs.					
	F0	/backstage/F 0	Unused						
10	G1	/backstage/G 1	Unused	Free for other inputs.					
	G0	/backstage/G 0	Unused						
9	H1	/backstage/H 1	Unused	Free for other inputs.					
	H0	/backstage/H 0	Unused						
11	I1	/backstage/I 1	Unused	Free for other inputs.					
	I0	/backstage/I 0	Unused						
0	J1	/backstage/J 1	Unused	Free for other inputs.					
	J0	/backstage/J 0	Unused						
5	K1	/backstage/K 1	Unused	Free for other inputs.					
	K0	/backstage/K 0	Unused						
6	L1	/backstage/L 1	Unused	Free for other inputs.					
	L0</								

Raspberry Pi Python Documentation

4/3/2020

Software requires Python v3+, PythonOSC, and GPIOZero

Inputs					Outputs				
All Pis send their hostname as part of the OSC string, and will only work if the hostname is set to exactly what is written at the top of each section, case and space sensitive. Sending using port 53002.					Sending a 1 or 0 variable at the end of these strings will turn the pin on or off respectively with 3.3 volts. Not a lot of specific effects at this point, more to come. Receiving using port 53003				
GPIO Pin (BCM)	Message Name	OSC String	Medialon Cue	Notes	Medialon Cue	OSC String	Message Name	GPIO Pin (BCM)	Notes
13	M0	/backyard/M 0	Unused						
	N1	/backyard/N 1	Unused	Free for other inputs.					
19	N0	/backyard/N 0	Unused						
	O1	/backyard/O 1	Unused	Free for other inputs.					
26	O0	/backyard/O 0	Unused						
oversize									
	A1	/oversize/A 1	J1001						
2	A0	/oversize/A 0							
	B1	/oversize/B 1	J1005						
3	B0	/oversize/B 0	H999						
	C1	/oversize/C 1	J1099	Technically represented in Medialon, likely could be removed, leaving for now.					
4	C0	/oversize/C 0							
	D1	/oversize/D 1	Unused	Free for other inputs.					
17	D0	/oversize/D 0	Unused						
	E1	/oversize/E 1	Unused	Free for other inputs.					
27	E0	/oversize/E 0	Unused						
	F1	/oversize/F 1	Unused	Free for other inputs.					
22	F0	/oversize/F 0	Unused						
	G1	/oversize/G 1	Unused	Free for other inputs.					
10	G0	/oversize/G 0	Unused						
	H1	/oversize/H 1	Unused	Free for other inputs.					
9	H0	/oversize/H 0	Unused						
	I1	/oversize/I 1	Unused	Free for other inputs.					
11	I0	/oversize/I 0	Unused						
	J1	/oversize/J 1	Unused	Free for other inputs.					
0	J0	/oversize/J 0	Unused						
	K1	/oversize/K 1	Unused	Free for other inputs.					
5	K0	/oversize/K 0	Unused						
	L1	/oversize/L 1	Unused	Free for other inputs.					
6	L0	/oversize/L 0	Unused						
	M1	/oversize/M 1	Unused	Free for other inputs.					
13	M0	/oversize/M 0	Unused						
	N1	/oversize/N 1	Unused	Free for other inputs.					
19	N0	/oversize/N 0	Unused						
	O1	/oversize/O 1	Unused	Free for other inputs.					
26	O0	/oversize/O 0	Unused						
attic									
	A1	/attic/A 1	K1101						
2	A0	/attic/A 0							
	B1	/attic/B 1	K1103						
3	B0	/attic/B 0	J1099						
	C1	/attic/C 1	K1110						
4	C0	/attic/C 0							
	D1	/attic/D 1	K1115						
17	D0	/attic/D 0							
	E1	/attic/E 1	K1120						
27	E0	/attic/E 0							
	F1	/attic/F 1	K1199	Technically represented in Medialon, likely could be removed, leaving for now.					
22	F0	/attic/F 0							
	G1	/attic/G 1	Unused	Free for other inputs.					
10	G0	/attic/G 0	Unused						
	H1	/attic/H 1	Unused	Free for other inputs.					
9	H0	/attic/H 0	Unused						
	I1	/attic/I 1	Unused	Free for other inputs.					
11	I0	/attic/I 0	Unused						
	J1	/attic/J 1	Unused	Free for other inputs.					
0	J0	/attic/J 0	Unused						
	K1	/attic/K 1	Unused	Free for other inputs.					
5	K0	/attic/K 0	Unused						
	L1	/attic/L 1	Unused	Free for other inputs.					
6	L0	/attic/L 0	Unused						
	M1	/attic/M 1	Unused	Free for other inputs.					
13	M0	/attic/M 0	Unused						
	N1	/attic/N 1	Unused	Free for other inputs.					
19	N0	/attic/N 0	Unused						
	O1	/attic/O 1	Unused	Free for other inputs.					
26	O0	/attic/O 0	Unused						
mirrorhall									
	A1	/mirrorhall/A 1	L1201						
2	A0	/mirrorhall/A 0							
	B1	/mirrorhall/B 1	L1205						
3	B0	/mirrorhall/B 0	K1199						
	C1	/mirrorhall/C 1	L1299	Technically represented in Medialon, likely could be removed, leaving for now.					
4	C0	/mirrorhall/C 0							
	D1	/mirrorhall/D 1	Unused	Free for other inputs.					
17	D0	/mirrorhall/D 0	Unused						
	E1	/mirrorhall/E 1	Unused	Free for other inputs.					
27	E0	/mirrorhall/E 0	Unused						
	F1	/mirrorhall/F 1	Unused	Free for other inputs.					
22	F0	/mirrorhall/F 0	Unused						

Raspberry Pi Python Documentation

4/3/2020

Software requires Python v3+, PythonOSC, and GPIOZero

Inputs					Outputs				
All Pis send their hostname as part of the OSC string, and will only work if the hostname is set to exactly what is written at the top of each section, case and space sensitive. Sending using port 53002.					Sending a 1 or 0 variable at the end of these strings will turn the pin on or off respectively with 3.3 volts. Not a lot of specific effects at this point, more to come. Receiving using port 53003				
GPIO Pin (BCM)	Message Name	OSC String	Medialon Cue	Notes	Medialon Cue	OSC String	Message Name	GPIO Pin (BCM)	Notes
10	G1	/mirrorhall/G 1	Unused	Free for other inputs.					
	G0	/mirrorhall/G 0	Unused						
	H1	/mirrorhall/H 1	Unused	Free for other inputs.					
9	H0	/mirrorhall/H 0	Unused						
	I1	/mirrorhall/I 1	Unused	Free for other inputs.					
11	I0	/mirrorhall/I 0	Unused						
	J1	/mirrorhall/J 1	Unused	Free for other inputs.					
0	J0	/mirrorhall/J 0	Unused						
	K1	/mirrorhall/K 1	Unused	Free for other inputs.					
5	K0	/mirrorhall/K 0	Unused						
	L1	/mirrorhall/L 1	Unused	Free for other inputs.					
6	L0	/mirrorhall/L 0	Unused						
	M1	/mirrorhall/M 1	Unused	Free for other inputs.					
13	M0	/mirrorhall/M 0	Unused						
	N1	/mirrorhall/N 1	Unused	Free for other inputs.					
19	N0	/mirrorhall/N 0	Unused						
	O1	/mirrorhall/O 1	Unused	Free for other inputs.					
26	O0	/mirrorhall/O 0	Unused						
anteroom2									
2	A1	/anteroom2/A 1	M1301						
	A0	/anteroom2/A 0							
	B1	/anteroom2/B 1	M1303						
3	B0	/anteroom2/B 0	L1299						
	C1	/anteroom2/C 1	M1305						
4	C0	/anteroom2/C 0							
	D1	/anteroom2/D 1	M1310						
17	D0	/anteroom2/D 0							
	E1	/anteroom2/E 1	M1315						
27	E0	/anteroom2/E 0							
	F1	/anteroom2/F 1	M1399						
22	F0	/anteroom2/F 0							
	G1	/anteroom2/G 1	Unused	Free for other inputs.					
10	G0	/anteroom2/G 0	Unused						
	H1	/anteroom2/H 1	Unused	Free for other inputs.					
9	H0	/anteroom2/H 0	Unused						
	I1	/anteroom2/I 1	Unused	Free for other inputs.					
11	I0	/anteroom2/I 0	Unused						
	J1	/anteroom2/J 1	Unused	Free for other inputs.					
0	J0	/anteroom2/J 0	Unused						
	K1	/anteroom2/K 1	Unused	Free for other inputs.					
5	K0	/anteroom2/K 0	Unused						
	L1	/anteroom2/L 1	Unused	Free for other inputs.					
6	L0	/anteroom2/L 0	Unused						
	M1	/anteroom2/M 1	Unused	Free for other inputs.					
13	M0	/anteroom2/M 0	Unused						
	N1	/anteroom2/N 1	Unused	Free for other inputs.					
19	N0	/anteroom2/N 0	Unused						
	O1	/anteroom2/O 1	Unused	Free for other inputs.					
26	O0	/anteroom2/O 0	Unused						