AUD-DTE-WPBTRCA Tesira Command Sheet

For Tesira Command String blocks · Version 1.0.3

Every command the AUD-DTE-WPBTRCA takes over the network, as fixed strings for Tesira Command String blocks. The unit is controlled on its own control port (TCP 8000); no other KanexPro software is needed. The same strings, with their bytes, are in `KanexPro-AUD-DTE-WPBTRCA-Tesira-Command-Sheet-1.0.3.csv` for copying.

> **Before you start —** the Tesira server must reach the AUD-DTE-WPBTRCA on TCP port 8000. Give the unit a fixed IP address (or a DHCP reservation).

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1. CONNECTION

HOW THE UNIT IS CONTROLLED	
Transport	TCP, port 8000 (the unit's control port)
Line ending	CR LF (hex `0D 0A`), after every string
Pacing	One string at a time. The unit answers within about 1.5 s; wait for the answer before the next string.
A refused string	The unit answers with an error line.

2. USING THE STRINGS

1. Point the Command String block at the unit's IP address, TCP port 8000.
2. Add one command per row of section 3: its string, then the line ending (hex `0D 0A`).
3. Wire each command to the control that should send it. The Bytes column is the whole string as it goes on the wire, to compare with a network capture.

Settings that only the unit's own web page has (its network, logins and firmware) stay on that page.

3. COMMANDS

346 strings, and a template for each level with more values than fit a list.

#	Command	String	Bytes (hex, with the line ending)
1	**Bluetooth: Bluetooth volume = {level} (0 to 100)**	`set bt vol {level}`	`the level in place of {level}`
2	**Bluetooth: Bluetooth volume = 0**	`set bt vol 0`	`73 65 74 20 62 74 20 76 6F 6C 20 30 0D 0A`
3	**Bluetooth: Bluetooth volume = 50**	`set bt vol 50`	`73 65 74 20 62 74 20 76 6F 6C 20 35 30 0D 0A`
4	**Bluetooth: Bluetooth volume = 100**	`set bt vol 100`	`73 65 74 20 62 74 20 76 6F 6C 20 31 30 30 0D 0A`
5	**Bluetooth: Mute Bluetooth on**	`set bt mute on`	`73 65 74 20 62 74 20 6D 75 74 65 20 6F 6E 0D 0A`
6	**Bluetooth: Mute Bluetooth off**	`set bt mute off`	`73 65 74 20 62 74 20 6D 75 74 65 20 6F 66 66 0D 0A`
7	**Bluetooth: Open for pairing on**	`set bt discoverable/pairing on`	`73 65 74 20 62 74 20 64 69 73 63 6F 76 65 72 61 62 6C 65 2F 70 61 69 72 69 6E 67 20 6F 6E 0D 0A`

8	Bluetooth: Open for pairing off	`set bt discoverable/pairing off`	`73 65 74 20 62 74 20 64 69 73 63 6F 76 65 72 61 62 6C 65 2F 70 61 69 72 69 6E 67 20 6F 66 66 0D 0A`
9	Bluetooth: Pairing stays open (s) = {level} (30 to 300)	`set bt window time {level}`	`the level in place of {level}`
10	Bluetooth: Pairing stays open (s) = 30	`set bt window time 30`	`73 65 74 20 62 74 20 77 69 6E 64 6F 77 20 74 69 6D 65 20 33 30 0D 0A`
11	Bluetooth: Pairing stays open (s) = 165	`set bt window time 165`	`73 65 74 20 62 74 20 77 69 6E 64 6F 77 20 74 69 6D 65 20 31 36 35 0D 0A`
12	Bluetooth: Pairing stays open (s) = 300	`set bt window time 300`	`73 65 74 20 62 74 20 77 69 6E 64 6F 77 20 74 69 6D 65 20 33 30 30 0D 0A`
13	Bluetooth: Close pairing by itself on	`set bt window switch on`	`73 65 74 20 62 74 20 77 69 6E 64 6F 77 20 73 77 69 74 63 68 20 6F 6E 0D 0A`
14	Bluetooth: Close pairing by itself off	`set bt window switch off`	`73 65 74 20 62 74 20 77 69 6E 64 6F 77 20 73 77 69 74 63 68 20 6F 66 66 0D 0A`
15	Source: Choose the source = Auto	`set source switch mode 1`	`73 65 74 20 73 6F 75 72 63 65 20 73 77 69 74 63 68 20 6D 6F 64 65 20 31 0D 0A`
16	Source: Choose the source = Manual	`set source switch mode 2`	`73 65 74 20 73 6F 75 72 63 65 20 73 77 69 74 63 68 20 6D 6F 64 65 20 32 0D 0A`
17	Source: Source (Manual) = Bluetooth	`set source select 1`	`73 65 74 20 73 6F 75 72 63 65 20 73 65 6C 65 63 74 20 31 0D 0A`
18	Source: Source (Manual) = 3.5 mm	`set source select 2`	`73 65 74 20 73 6F 75 72 63 65 20 73 65 6C 65 63 74 20 32 0D 0A`
19	Source: Source (Manual) = RCA	`set source select 3`	`73 65 74 20 73 6F 75 72 63 65 20 73 65 6C 65 63 74 20 33 0D 0A`
20	Source: Analog input that comes first = 3.5 mm	`set priority analog input 1`	`73 65 74 20 70 72 69 6F 72 69 74 79 20 61 6E 61 6C 6F 67 20 69 6E 70 75 74 20 31 0D 0A`
21	Source: Analog input that comes first = RCA	`set priority analog input 2`	`73 65 74 20 70 72 69 6F 72 69 74 79 20 61 6E 61 6C 6F 67 20 69 6E 70 75 74 20 32 0D 0A`
22	Inputs: Bluetooth: Gain (dB) = -12	`set input 1 gain -12`	`73 65 74 20 69 6E 70 75 74 20 31 20 67 61 69 6E 20 2D 31 32 0D 0A`
23	Inputs: Bluetooth: Gain (dB) = -11	`set input 1 gain -11`	`73 65 74 20 69 6E 70 75 74 20 31 20 67 61 69 6E 20 2D 31 31 0D 0A`
24	Inputs: Bluetooth: Gain (dB) = -10	`set input 1 gain -10`	`73 65 74 20 69 6E 70 75 74 20 31 20 67 61 69 6E 20 2D 31 30 0D 0A`
25	Inputs: Bluetooth: Gain (dB) = -9	`set input 1 gain -9`	`73 65 74 20 69 6E 70 75 74 20 31 20 67 61 69 6E 20 2D 39 0D 0A`
26	Inputs: Bluetooth: Gain (dB) = -8	`set input 1 gain -8`	`73 65 74 20 69 6E 70 75 74 20 31 20 67 61 69 6E 20 2D 38 0D 0A`
27	Inputs: Bluetooth: Gain (dB) = -7	`set input 1 gain -7`	`73 65 74 20 69 6E 70 75 74 20 31 20 67 61 69 6E 20 2D 37 0D 0A`
28	Inputs: Bluetooth: Gain (dB) = -6	`set input 1 gain -6`	`73 65 74 20 69 6E 70 75 74 20 31 20 67 61 69 6E 20 2D 36 0D 0A`
29	Inputs: Bluetooth: Gain (dB) = -5	`set input 1 gain -5`	`73 65 74 20 69 6E 70 75 74 20 31 20 67 61 69 6E 20 2D 35 0D 0A`
30	Inputs: Bluetooth: Gain (dB) = -4	`set input 1 gain -4`	`73 65 74 20 69 6E 70 75 74 20 31 20 67 61 69 6E 20 2D 34 0D 0A`
31	Inputs: Bluetooth: Gain (dB) = -3	`set input 1 gain -3`	`73 65 74 20 69 6E 70 75 74 20 31 20 67 61 69 6E 20 2D 33 0D 0A`

32	Inputs: Bluetooth: Gain (dB) = -2	`set input 1 gain -2`	`73 65 74 20 69 6E 70 75 74 20 31 20 67 61 69 6E 20 2D 32 0D 0A`
33	Inputs: Bluetooth: Gain (dB) = -1	`set input 1 gain -1`	`73 65 74 20 69 6E 70 75 74 20 31 20 67 61 69 6E 20 2D 31 0D 0A`
34	Inputs: Bluetooth: Gain (dB) = 0	`set input 1 gain 0`	`73 65 74 20 69 6E 70 75 74 20 31 20 67 61 69 6E 20 30 0D 0A`
35	Inputs: Bluetooth: Gain (dB) = 1	`set input 1 gain 1`	`73 65 74 20 69 6E 70 75 74 20 31 20 67 61 69 6E 20 31 0D 0A`
36	Inputs: Bluetooth: Gain (dB) = 2	`set input 1 gain 2`	`73 65 74 20 69 6E 70 75 74 20 31 20 67 61 69 6E 20 32 0D 0A`
37	Inputs: Bluetooth: Gain (dB) = 3	`set input 1 gain 3`	`73 65 74 20 69 6E 70 75 74 20 31 20 67 61 69 6E 20 33 0D 0A`
38	Inputs: Bluetooth: Gain (dB) = 4	`set input 1 gain 4`	`73 65 74 20 69 6E 70 75 74 20 31 20 67 61 69 6E 20 34 0D 0A`
39	Inputs: Bluetooth: Gain (dB) = 5	`set input 1 gain 5`	`73 65 74 20 69 6E 70 75 74 20 31 20 67 61 69 6E 20 35 0D 0A`
40	Inputs: Bluetooth: Gain (dB) = 6	`set input 1 gain 6`	`73 65 74 20 69 6E 70 75 74 20 31 20 67 61 69 6E 20 36 0D 0A`
41	Inputs: Bluetooth: Gain (dB) = 7	`set input 1 gain 7`	`73 65 74 20 69 6E 70 75 74 20 31 20 67 61 69 6E 20 37 0D 0A`
42	Inputs: Bluetooth: Gain (dB) = 8	`set input 1 gain 8`	`73 65 74 20 69 6E 70 75 74 20 31 20 67 61 69 6E 20 38 0D 0A`
43	Inputs: Bluetooth: Gain (dB) = 9	`set input 1 gain 9`	`73 65 74 20 69 6E 70 75 74 20 31 20 67 61 69 6E 20 39 0D 0A`
44	Inputs: Bluetooth: Gain (dB) = 10	`set input 1 gain 10`	`73 65 74 20 69 6E 70 75 74 20 31 20 67 61 69 6E 20 31 30 0D 0A`
45	Inputs: Bluetooth: Gain (dB) = 11	`set input 1 gain 11`	`73 65 74 20 69 6E 70 75 74 20 31 20 67 61 69 6E 20 31 31 0D 0A`
46	Inputs: Bluetooth: Gain (dB) = 12	`set input 1 gain 12`	`73 65 74 20 69 6E 70 75 74 20 31 20 67 61 69 6E 20 31 32 0D 0A`
47	Inputs: 3.5 mm in: Gain (dB) = -12	`set input 2 gain -12`	`73 65 74 20 69 6E 70 75 74 20 32 20 67 61 69 6E 20 2D 31 32 0D 0A`
48	Inputs: 3.5 mm in: Gain (dB) = -11	`set input 2 gain -11`	`73 65 74 20 69 6E 70 75 74 20 32 20 67 61 69 6E 20 2D 31 31 0D 0A`
49	Inputs: 3.5 mm in: Gain (dB) = -10	`set input 2 gain -10`	`73 65 74 20 69 6E 70 75 74 20 32 20 67 61 69 6E 20 2D 31 30 0D 0A`
50	Inputs: 3.5 mm in: Gain (dB) = -9	`set input 2 gain -9`	`73 65 74 20 69 6E 70 75 74 20 32 20 67 61 69 6E 20 2D 39 0D 0A`
51	Inputs: 3.5 mm in: Gain (dB) = -8	`set input 2 gain -8`	`73 65 74 20 69 6E 70 75 74 20 32 20 67 61 69 6E 20 2D 38 0D 0A`
52	Inputs: 3.5 mm in: Gain (dB) = -7	`set input 2 gain -7`	`73 65 74 20 69 6E 70 75 74 20 32 20 67 61 69 6E 20 2D 37 0D 0A`
53	Inputs: 3.5 mm in: Gain (dB) = -6	`set input 2 gain -6`	`73 65 74 20 69 6E 70 75 74 20 32 20 67 61 69 6E 20 2D 36 0D 0A`
54	Inputs: 3.5 mm in: Gain (dB) = -5	`set input 2 gain -5`	`73 65 74 20 69 6E 70 75 74 20 32 20 67 61 69 6E 20 2D 35 0D 0A`
55	Inputs: 3.5 mm in: Gain (dB) = -4	`set input 2 gain -4`	`73 65 74 20 69 6E 70 75 74 20 32 20 67 61 69 6E 20 2D 34 0D 0A`

56	Inputs: 3.5 mm in: Gain (dB) = -3	`set input 2 gain -3`	`73 65 74 20 69 6E 70 75 74 20 32 20 67 61 69 6E 20 2D 33 0D 0A`
57	Inputs: 3.5 mm in: Gain (dB) = -2	`set input 2 gain -2`	`73 65 74 20 69 6E 70 75 74 20 32 20 67 61 69 6E 20 2D 32 0D 0A`
58	Inputs: 3.5 mm in: Gain (dB) = -1	`set input 2 gain -1`	`73 65 74 20 69 6E 70 75 74 20 32 20 67 61 69 6E 20 2D 31 0D 0A`
59	Inputs: 3.5 mm in: Gain (dB) = 0	`set input 2 gain 0`	`73 65 74 20 69 6E 70 75 74 20 32 20 67 61 69 6E 20 30 0D 0A`
60	Inputs: 3.5 mm in: Gain (dB) = 1	`set input 2 gain 1`	`73 65 74 20 69 6E 70 75 74 20 32 20 67 61 69 6E 20 31 0D 0A`
61	Inputs: 3.5 mm in: Gain (dB) = 2	`set input 2 gain 2`	`73 65 74 20 69 6E 70 75 74 20 32 20 67 61 69 6E 20 32 0D 0A`
62	Inputs: 3.5 mm in: Gain (dB) = 3	`set input 2 gain 3`	`73 65 74 20 69 6E 70 75 74 20 32 20 67 61 69 6E 20 33 0D 0A`
63	Inputs: 3.5 mm in: Gain (dB) = 4	`set input 2 gain 4`	`73 65 74 20 69 6E 70 75 74 20 32 20 67 61 69 6E 20 34 0D 0A`
64	Inputs: 3.5 mm in: Gain (dB) = 5	`set input 2 gain 5`	`73 65 74 20 69 6E 70 75 74 20 32 20 67 61 69 6E 20 35 0D 0A`
65	Inputs: 3.5 mm in: Gain (dB) = 6	`set input 2 gain 6`	`73 65 74 20 69 6E 70 75 74 20 32 20 67 61 69 6E 20 36 0D 0A`
66	Inputs: 3.5 mm in: Gain (dB) = 7	`set input 2 gain 7`	`73 65 74 20 69 6E 70 75 74 20 32 20 67 61 69 6E 20 37 0D 0A`
67	Inputs: 3.5 mm in: Gain (dB) = 8	`set input 2 gain 8`	`73 65 74 20 69 6E 70 75 74 20 32 20 67 61 69 6E 20 38 0D 0A`
68	Inputs: 3.5 mm in: Gain (dB) = 9	`set input 2 gain 9`	`73 65 74 20 69 6E 70 75 74 20 32 20 67 61 69 6E 20 39 0D 0A`
69	Inputs: 3.5 mm in: Gain (dB) = 10	`set input 2 gain 10`	`73 65 74 20 69 6E 70 75 74 20 32 20 67 61 69 6E 20 31 30 0D 0A`
70	Inputs: 3.5 mm in: Gain (dB) = 11	`set input 2 gain 11`	`73 65 74 20 69 6E 70 75 74 20 32 20 67 61 69 6E 20 31 31 0D 0A`
71	Inputs: 3.5 mm in: Gain (dB) = 12	`set input 2 gain 12`	`73 65 74 20 69 6E 70 75 74 20 32 20 67 61 69 6E 20 31 32 0D 0A`
72	Inputs: RCA in: Gain (dB) = -12	`set input 3 gain -12`	`73 65 74 20 69 6E 70 75 74 20 33 20 67 61 69 6E 20 2D 31 32 0D 0A`
73	Inputs: RCA in: Gain (dB) = -11	`set input 3 gain -11`	`73 65 74 20 69 6E 70 75 74 20 33 20 67 61 69 6E 20 2D 31 31 0D 0A`
74	Inputs: RCA in: Gain (dB) = -10	`set input 3 gain -10`	`73 65 74 20 69 6E 70 75 74 20 33 20 67 61 69 6E 20 2D 31 30 0D 0A`
75	Inputs: RCA in: Gain (dB) = -9	`set input 3 gain -9`	`73 65 74 20 69 6E 70 75 74 20 33 20 67 61 69 6E 20 2D 39 0D 0A`
76	Inputs: RCA in: Gain (dB) = -8	`set input 3 gain -8`	`73 65 74 20 69 6E 70 75 74 20 33 20 67 61 69 6E 20 2D 38 0D 0A`
77	Inputs: RCA in: Gain (dB) = -7	`set input 3 gain -7`	`73 65 74 20 69 6E 70 75 74 20 33 20 67 61 69 6E 20 2D 37 0D 0A`
78	Inputs: RCA in: Gain (dB) = -6	`set input 3 gain -6`	`73 65 74 20 69 6E 70 75 74 20 33 20 67 61 69 6E 20 2D 36 0D 0A`
79	Inputs: RCA in: Gain (dB) = -5	`set input 3 gain -5`	`73 65 74 20 69 6E 70 75 74 20 33 20 67 61 69 6E 20 2D 35 0D 0A`

80	Inputs: RCA in: Gain (dB) = -4	`set input 3 gain -4`	`73 65 74 20 69 6E 70 75 74 20 33 20 67 61 69 6E 20 2D 34 0D 0A`
81	Inputs: RCA in: Gain (dB) = -3	`set input 3 gain -3`	`73 65 74 20 69 6E 70 75 74 20 33 20 67 61 69 6E 20 2D 33 0D 0A`
82	Inputs: RCA in: Gain (dB) = -2	`set input 3 gain -2`	`73 65 74 20 69 6E 70 75 74 20 33 20 67 61 69 6E 20 2D 32 0D 0A`
83	Inputs: RCA in: Gain (dB) = -1	`set input 3 gain -1`	`73 65 74 20 69 6E 70 75 74 20 33 20 67 61 69 6E 20 2D 31 0D 0A`
84	Inputs: RCA in: Gain (dB) = 0	`set input 3 gain 0`	`73 65 74 20 69 6E 70 75 74 20 33 20 67 61 69 6E 20 30 0D 0A`
85	Inputs: RCA in: Gain (dB) = 1	`set input 3 gain 1`	`73 65 74 20 69 6E 70 75 74 20 33 20 67 61 69 6E 20 31 0D 0A`
86	Inputs: RCA in: Gain (dB) = 2	`set input 3 gain 2`	`73 65 74 20 69 6E 70 75 74 20 33 20 67 61 69 6E 20 32 0D 0A`
87	Inputs: RCA in: Gain (dB) = 3	`set input 3 gain 3`	`73 65 74 20 69 6E 70 75 74 20 33 20 67 61 69 6E 20 33 0D 0A`
88	Inputs: RCA in: Gain (dB) = 4	`set input 3 gain 4`	`73 65 74 20 69 6E 70 75 74 20 33 20 67 61 69 6E 20 34 0D 0A`
89	Inputs: RCA in: Gain (dB) = 5	`set input 3 gain 5`	`73 65 74 20 69 6E 70 75 74 20 33 20 67 61 69 6E 20 35 0D 0A`
90	Inputs: RCA in: Gain (dB) = 6	`set input 3 gain 6`	`73 65 74 20 69 6E 70 75 74 20 33 20 67 61 69 6E 20 36 0D 0A`
91	Inputs: RCA in: Gain (dB) = 7	`set input 3 gain 7`	`73 65 74 20 69 6E 70 75 74 20 33 20 67 61 69 6E 20 37 0D 0A`
92	Inputs: RCA in: Gain (dB) = 8	`set input 3 gain 8`	`73 65 74 20 69 6E 70 75 74 20 33 20 67 61 69 6E 20 38 0D 0A`
93	Inputs: RCA in: Gain (dB) = 9	`set input 3 gain 9`	`73 65 74 20 69 6E 70 75 74 20 33 20 67 61 69 6E 20 39 0D 0A`
94	Inputs: RCA in: Gain (dB) = 10	`set input 3 gain 10`	`73 65 74 20 69 6E 70 75 74 20 33 20 67 61 69 6E 20 31 30 0D 0A`
95	Inputs: RCA in: Gain (dB) = 11	`set input 3 gain 11`	`73 65 74 20 69 6E 70 75 74 20 33 20 67 61 69 6E 20 31 31 0D 0A`
96	Inputs: RCA in: Gain (dB) = 12	`set input 3 gain 12`	`73 65 74 20 69 6E 70 75 74 20 33 20 67 61 69 6E 20 31 32 0D 0A`
97	Inputs: In 4: Gain (dB) = -12	`set input 4 gain -12`	`73 65 74 20 69 6E 70 75 74 20 34 20 67 61 69 6E 20 2D 31 32 0D 0A`
98	Inputs: In 4: Gain (dB) = -11	`set input 4 gain -11`	`73 65 74 20 69 6E 70 75 74 20 34 20 67 61 69 6E 20 2D 31 31 0D 0A`
99	Inputs: In 4: Gain (dB) = -10	`set input 4 gain -10`	`73 65 74 20 69 6E 70 75 74 20 34 20 67 61 69 6E 20 2D 31 30 0D 0A`
100	Inputs: In 4: Gain (dB) = -9	`set input 4 gain -9`	`73 65 74 20 69 6E 70 75 74 20 34 20 67 61 69 6E 20 2D 39 0D 0A`
101	Inputs: In 4: Gain (dB) = -8	`set input 4 gain -8`	`73 65 74 20 69 6E 70 75 74 20 34 20 67 61 69 6E 20 2D 38 0D 0A`
102	Inputs: In 4: Gain (dB) = -7	`set input 4 gain -7`	`73 65 74 20 69 6E 70 75 74 20 34 20 67 61 69 6E 20 2D 37 0D 0A`
103	Inputs: In 4: Gain (dB) = -6	`set input 4 gain -6`	`73 65 74 20 69 6E 70 75 74 20 34 20 67 61 69 6E 20 2D 36 0D 0A`

104	Inputs: In 4: Gain (dB) = -5	`set input 4 gain -5`	`73 65 74 20 69 6E 70 75 74 20 34 20 67 61 69 6E 20 2D 35 0D 0A`
105	Inputs: In 4: Gain (dB) = -4	`set input 4 gain -4`	`73 65 74 20 69 6E 70 75 74 20 34 20 67 61 69 6E 20 2D 34 0D 0A`
106	Inputs: In 4: Gain (dB) = -3	`set input 4 gain -3`	`73 65 74 20 69 6E 70 75 74 20 34 20 67 61 69 6E 20 2D 33 0D 0A`
107	Inputs: In 4: Gain (dB) = -2	`set input 4 gain -2`	`73 65 74 20 69 6E 70 75 74 20 34 20 67 61 69 6E 20 2D 32 0D 0A`
108	Inputs: In 4: Gain (dB) = -1	`set input 4 gain -1`	`73 65 74 20 69 6E 70 75 74 20 34 20 67 61 69 6E 20 2D 31 0D 0A`
109	Inputs: In 4: Gain (dB) = 0	`set input 4 gain 0`	`73 65 74 20 69 6E 70 75 74 20 34 20 67 61 69 6E 20 30 0D 0A`
110	Inputs: In 4: Gain (dB) = 1	`set input 4 gain 1`	`73 65 74 20 69 6E 70 75 74 20 34 20 67 61 69 6E 20 31 0D 0A`
111	Inputs: In 4: Gain (dB) = 2	`set input 4 gain 2`	`73 65 74 20 69 6E 70 75 74 20 34 20 67 61 69 6E 20 32 0D 0A`
112	Inputs: In 4: Gain (dB) = 3	`set input 4 gain 3`	`73 65 74 20 69 6E 70 75 74 20 34 20 67 61 69 6E 20 33 0D 0A`
113	Inputs: In 4: Gain (dB) = 4	`set input 4 gain 4`	`73 65 74 20 69 6E 70 75 74 20 34 20 67 61 69 6E 20 34 0D 0A`
114	Inputs: In 4: Gain (dB) = 5	`set input 4 gain 5`	`73 65 74 20 69 6E 70 75 74 20 34 20 67 61 69 6E 20 35 0D 0A`
115	Inputs: In 4: Gain (dB) = 6	`set input 4 gain 6`	`73 65 74 20 69 6E 70 75 74 20 34 20 67 61 69 6E 20 36 0D 0A`
116	Inputs: In 4: Gain (dB) = 7	`set input 4 gain 7`	`73 65 74 20 69 6E 70 75 74 20 34 20 67 61 69 6E 20 37 0D 0A`
117	Inputs: In 4: Gain (dB) = 8	`set input 4 gain 8`	`73 65 74 20 69 6E 70 75 74 20 34 20 67 61 69 6E 20 38 0D 0A`
118	Inputs: In 4: Gain (dB) = 9	`set input 4 gain 9`	`73 65 74 20 69 6E 70 75 74 20 34 20 67 61 69 6E 20 39 0D 0A`
119	Inputs: In 4: Gain (dB) = 10	`set input 4 gain 10`	`73 65 74 20 69 6E 70 75 74 20 34 20 67 61 69 6E 20 31 30 0D 0A`
120	Inputs: In 4: Gain (dB) = 11	`set input 4 gain 11`	`73 65 74 20 69 6E 70 75 74 20 34 20 67 61 69 6E 20 31 31 0D 0A`
121	Inputs: In 4: Gain (dB) = 12	`set input 4 gain 12`	`73 65 74 20 69 6E 70 75 74 20 34 20 67 61 69 6E 20 31 32 0D 0A`
122	Inputs: In 5: Gain (dB) = -12	`set input 5 gain -12`	`73 65 74 20 69 6E 70 75 74 20 35 20 67 61 69 6E 20 2D 31 32 0D 0A`
123	Inputs: In 5: Gain (dB) = -11	`set input 5 gain -11`	`73 65 74 20 69 6E 70 75 74 20 35 20 67 61 69 6E 20 2D 31 31 0D 0A`
124	Inputs: In 5: Gain (dB) = -10	`set input 5 gain -10`	`73 65 74 20 69 6E 70 75 74 20 35 20 67 61 69 6E 20 2D 31 30 0D 0A`
125	Inputs: In 5: Gain (dB) = -9	`set input 5 gain -9`	`73 65 74 20 69 6E 70 75 74 20 35 20 67 61 69 6E 20 2D 39 0D 0A`
126	Inputs: In 5: Gain (dB) = -8	`set input 5 gain -8`	`73 65 74 20 69 6E 70 75 74 20 35 20 67 61 69 6E 20 2D 38 0D 0A`
127	Inputs: In 5: Gain (dB) = -7	`set input 5 gain -7`	`73 65 74 20 69 6E 70 75 74 20 35 20 67 61 69 6E 20 2D 37 0D 0A`

128	Inputs: In 5: Gain (dB) = -6	`set input 5 gain -6`	`73 65 74 20 69 6E 70 75 74 20 35 20 67 61 69 6E 20 2D 36 0D 0A`
129	Inputs: In 5: Gain (dB) = -5	`set input 5 gain -5`	`73 65 74 20 69 6E 70 75 74 20 35 20 67 61 69 6E 20 2D 35 0D 0A`
130	Inputs: In 5: Gain (dB) = -4	`set input 5 gain -4`	`73 65 74 20 69 6E 70 75 74 20 35 20 67 61 69 6E 20 2D 34 0D 0A`
131	Inputs: In 5: Gain (dB) = -3	`set input 5 gain -3`	`73 65 74 20 69 6E 70 75 74 20 35 20 67 61 69 6E 20 2D 33 0D 0A`
132	Inputs: In 5: Gain (dB) = -2	`set input 5 gain -2`	`73 65 74 20 69 6E 70 75 74 20 35 20 67 61 69 6E 20 2D 32 0D 0A`
133	Inputs: In 5: Gain (dB) = -1	`set input 5 gain -1`	`73 65 74 20 69 6E 70 75 74 20 35 20 67 61 69 6E 20 2D 31 0D 0A`
134	Inputs: In 5: Gain (dB) = 0	`set input 5 gain 0`	`73 65 74 20 69 6E 70 75 74 20 35 20 67 61 69 6E 20 30 0D 0A`
135	Inputs: In 5: Gain (dB) = 1	`set input 5 gain 1`	`73 65 74 20 69 6E 70 75 74 20 35 20 67 61 69 6E 20 31 0D 0A`
136	Inputs: In 5: Gain (dB) = 2	`set input 5 gain 2`	`73 65 74 20 69 6E 70 75 74 20 35 20 67 61 69 6E 20 32 0D 0A`
137	Inputs: In 5: Gain (dB) = 3	`set input 5 gain 3`	`73 65 74 20 69 6E 70 75 74 20 35 20 67 61 69 6E 20 33 0D 0A`
138	Inputs: In 5: Gain (dB) = 4	`set input 5 gain 4`	`73 65 74 20 69 6E 70 75 74 20 35 20 67 61 69 6E 20 34 0D 0A`
139	Inputs: In 5: Gain (dB) = 5	`set input 5 gain 5`	`73 65 74 20 69 6E 70 75 74 20 35 20 67 61 69 6E 20 35 0D 0A`
140	Inputs: In 5: Gain (dB) = 6	`set input 5 gain 6`	`73 65 74 20 69 6E 70 75 74 20 35 20 67 61 69 6E 20 36 0D 0A`
141	Inputs: In 5: Gain (dB) = 7	`set input 5 gain 7`	`73 65 74 20 69 6E 70 75 74 20 35 20 67 61 69 6E 20 37 0D 0A`
142	Inputs: In 5: Gain (dB) = 8	`set input 5 gain 8`	`73 65 74 20 69 6E 70 75 74 20 35 20 67 61 69 6E 20 38 0D 0A`
143	Inputs: In 5: Gain (dB) = 9	`set input 5 gain 9`	`73 65 74 20 69 6E 70 75 74 20 35 20 67 61 69 6E 20 39 0D 0A`
144	Inputs: In 5: Gain (dB) = 10	`set input 5 gain 10`	`73 65 74 20 69 6E 70 75 74 20 35 20 67 61 69 6E 20 31 30 0D 0A`
145	Inputs: In 5: Gain (dB) = 11	`set input 5 gain 11`	`73 65 74 20 69 6E 70 75 74 20 35 20 67 61 69 6E 20 31 31 0D 0A`
146	Inputs: In 5: Gain (dB) = 12	`set input 5 gain 12`	`73 65 74 20 69 6E 70 75 74 20 35 20 67 61 69 6E 20 31 32 0D 0A`
147	Inputs: In 6: Gain (dB) = -12	`set input 6 gain -12`	`73 65 74 20 69 6E 70 75 74 20 36 20 67 61 69 6E 20 2D 31 32 0D 0A`
148	Inputs: In 6: Gain (dB) = -11	`set input 6 gain -11`	`73 65 74 20 69 6E 70 75 74 20 36 20 67 61 69 6E 20 2D 31 31 0D 0A`
149	Inputs: In 6: Gain (dB) = -10	`set input 6 gain -10`	`73 65 74 20 69 6E 70 75 74 20 36 20 67 61 69 6E 20 2D 31 30 0D 0A`
150	Inputs: In 6: Gain (dB) = -9	`set input 6 gain -9`	`73 65 74 20 69 6E 70 75 74 20 36 20 67 61 69 6E 20 2D 39 0D 0A`
151	Inputs: In 6: Gain (dB) = -8	`set input 6 gain -8`	`73 65 74 20 69 6E 70 75 74 20 36 20 67 61 69 6E 20 2D 38 0D 0A`

152	Inputs: In 6: Gain (dB) = -7	`set input 6 gain -7`	`73 65 74 20 69 6E 70 75 74 20 36 20 67 61 69 6E 20 2D 37 0D 0A`
153	Inputs: In 6: Gain (dB) = -6	`set input 6 gain -6`	`73 65 74 20 69 6E 70 75 74 20 36 20 67 61 69 6E 20 2D 36 0D 0A`
154	Inputs: In 6: Gain (dB) = -5	`set input 6 gain -5`	`73 65 74 20 69 6E 70 75 74 20 36 20 67 61 69 6E 20 2D 35 0D 0A`
155	Inputs: In 6: Gain (dB) = -4	`set input 6 gain -4`	`73 65 74 20 69 6E 70 75 74 20 36 20 67 61 69 6E 20 2D 34 0D 0A`
156	Inputs: In 6: Gain (dB) = -3	`set input 6 gain -3`	`73 65 74 20 69 6E 70 75 74 20 36 20 67 61 69 6E 20 2D 33 0D 0A`
157	Inputs: In 6: Gain (dB) = -2	`set input 6 gain -2`	`73 65 74 20 69 6E 70 75 74 20 36 20 67 61 69 6E 20 2D 32 0D 0A`
158	Inputs: In 6: Gain (dB) = -1	`set input 6 gain -1`	`73 65 74 20 69 6E 70 75 74 20 36 20 67 61 69 6E 20 2D 31 0D 0A`
159	Inputs: In 6: Gain (dB) = 0	`set input 6 gain 0`	`73 65 74 20 69 6E 70 75 74 20 36 20 67 61 69 6E 20 30 0D 0A`
160	Inputs: In 6: Gain (dB) = 1	`set input 6 gain 1`	`73 65 74 20 69 6E 70 75 74 20 36 20 67 61 69 6E 20 31 0D 0A`
161	Inputs: In 6: Gain (dB) = 2	`set input 6 gain 2`	`73 65 74 20 69 6E 70 75 74 20 36 20 67 61 69 6E 20 32 0D 0A`
162	Inputs: In 6: Gain (dB) = 3	`set input 6 gain 3`	`73 65 74 20 69 6E 70 75 74 20 36 20 67 61 69 6E 20 33 0D 0A`
163	Inputs: In 6: Gain (dB) = 4	`set input 6 gain 4`	`73 65 74 20 69 6E 70 75 74 20 36 20 67 61 69 6E 20 34 0D 0A`
164	Inputs: In 6: Gain (dB) = 5	`set input 6 gain 5`	`73 65 74 20 69 6E 70 75 74 20 36 20 67 61 69 6E 20 35 0D 0A`
165	Inputs: In 6: Gain (dB) = 6	`set input 6 gain 6`	`73 65 74 20 69 6E 70 75 74 20 36 20 67 61 69 6E 20 36 0D 0A`
166	Inputs: In 6: Gain (dB) = 7	`set input 6 gain 7`	`73 65 74 20 69 6E 70 75 74 20 36 20 67 61 69 6E 20 37 0D 0A`
167	Inputs: In 6: Gain (dB) = 8	`set input 6 gain 8`	`73 65 74 20 69 6E 70 75 74 20 36 20 67 61 69 6E 20 38 0D 0A`
168	Inputs: In 6: Gain (dB) = 9	`set input 6 gain 9`	`73 65 74 20 69 6E 70 75 74 20 36 20 67 61 69 6E 20 39 0D 0A`
169	Inputs: In 6: Gain (dB) = 10	`set input 6 gain 10`	`73 65 74 20 69 6E 70 75 74 20 36 20 67 61 69 6E 20 31 30 0D 0A`
170	Inputs: In 6: Gain (dB) = 11	`set input 6 gain 11`	`73 65 74 20 69 6E 70 75 74 20 36 20 67 61 69 6E 20 31 31 0D 0A`
171	Inputs: In 6: Gain (dB) = 12	`set input 6 gain 12`	`73 65 74 20 69 6E 70 75 74 20 36 20 67 61 69 6E 20 31 32 0D 0A`
172	Inputs: Bluetooth: Mute on	`set input 1 mute on`	`73 65 74 20 69 6E 70 75 74 20 31 20 6D 75 74 65 20 6F 6E 0D 0A`
173	Inputs: Bluetooth: Mute off	`set input 1 mute off`	`73 65 74 20 69 6E 70 75 74 20 31 20 6D 75 74 65 20 6F 66 66 0D 0A`
174	Inputs: 3.5 mm in: Mute on	`set input 2 mute on`	`73 65 74 20 69 6E 70 75 74 20 32 20 6D 75 74 65 20 6F 6E 0D 0A`
175	Inputs: 3.5 mm in: Mute off	`set input 2 mute off`	`73 65 74 20 69 6E 70 75 74 20 32 20 6D 75 74 65 20 6F 66 66 0D 0A`

176	Inputs: RCA in: Mute on	`set input 3 mute on`	`73 65 74 20 69 6E 70 75 74 20 33 20 6D 75 74 65 20 6F 6E 0D 0A`
177	Inputs: RCA in: Mute off	`set input 3 mute off`	`73 65 74 20 69 6E 70 75 74 20 33 20 6D 75 74 65 20 6F 66 66 0D 0A`
178	Inputs: In 4: Mute on	`set input 4 mute on`	`73 65 74 20 69 6E 70 75 74 20 34 20 6D 75 74 65 20 6F 6E 0D 0A`
179	Inputs: In 4: Mute off	`set input 4 mute off`	`73 65 74 20 69 6E 70 75 74 20 34 20 6D 75 74 65 20 6F 66 66 0D 0A`
180	Inputs: In 5: Mute on	`set input 5 mute on`	`73 65 74 20 69 6E 70 75 74 20 35 20 6D 75 74 65 20 6F 6E 0D 0A`
181	Inputs: In 5: Mute off	`set input 5 mute off`	`73 65 74 20 69 6E 70 75 74 20 35 20 6D 75 74 65 20 6F 66 66 0D 0A`
182	Inputs: In 6: Mute on	`set input 6 mute on`	`73 65 74 20 69 6E 70 75 74 20 36 20 6D 75 74 65 20 6F 6E 0D 0A`
183	Inputs: In 6: Mute off	`set input 6 mute off`	`73 65 74 20 69 6E 70 75 74 20 36 20 6D 75 74 65 20 6F 66 66 0D 0A`
184	Inputs: Bluetooth: Left and right together on	`set input 1 stereo on`	`73 65 74 20 69 6E 70 75 74 20 31 20 73 74 65 72 65 6F 20 6F 6E 0D 0A`
185	Inputs: Bluetooth: Left and right together off	`set input 1 stereo off`	`73 65 74 20 69 6E 70 75 74 20 31 20 73 74 65 72 65 6F 20 6F 66 66 0D 0A`
186	Inputs: 3.5 mm: Left and right together on	`set input 2 stereo on`	`73 65 74 20 69 6E 70 75 74 20 32 20 73 74 65 72 65 6F 20 6F 6E 0D 0A`
187	Inputs: 3.5 mm: Left and right together off	`set input 2 stereo off`	`73 65 74 20 69 6E 70 75 74 20 32 20 73 74 65 72 65 6F 20 6F 66 66 0D 0A`
188	Inputs: RCA: Left and right together on	`set input 3 stereo on`	`73 65 74 20 69 6E 70 75 74 20 33 20 73 74 65 72 65 6F 20 6F 6E 0D 0A`
189	Inputs: RCA: Left and right together off	`set input 3 stereo off`	`73 65 74 20 69 6E 70 75 74 20 33 20 73 74 65 72 65 6F 20 6F 66 66 0D 0A`
190	Inputs: Bluetooth: Sensitivity = +18 dBu	`set input 1 sensitivity 1`	`73 65 74 20 69 6E 70 75 74 20 31 20 73 65 6E 73 69 74 69 76 69 74 79 20 31 0D 0A`
191	Inputs: Bluetooth: Sensitivity = +4 dBu	`set input 1 sensitivity 2`	`73 65 74 20 69 6E 70 75 74 20 31 20 73 65 6E 73 69 74 69 76 69 74 79 20 32 0D 0A`
192	Inputs: Bluetooth: Sensitivity = 0 dBu	`set input 1 sensitivity 3`	`73 65 74 20 69 6E 70 75 74 20 31 20 73 65 6E 73 69 74 69 76 69 74 79 20 33 0D 0A`
193	Inputs: Bluetooth: Sensitivity = 0 dBV	`set input 1 sensitivity 4`	`73 65 74 20 69 6E 70 75 74 20 31 20 73 65 6E 73 69 74 69 76 69 74 79 20 34 0D 0A`
194	Inputs: Bluetooth: Sensitivity = -10 dBV	`set input 1 sensitivity 5`	`73 65 74 20 69 6E 70 75 74 20 31 20 73 65 6E 73 69 74 69 76 69 74 79 20 35 0D 0A`
195	Inputs: Bluetooth: Sensitivity = -18 dBV	`set input 1 sensitivity 6`	`73 65 74 20 69 6E 70 75 74 20 31 20 73 65 6E 73 69 74 69 76 69 74 79 20 36 0D 0A`
196	Inputs: 3.5 mm in: Sensitivity = +18 dBu	`set input 2 sensitivity 1`	`73 65 74 20 69 6E 70 75 74 20 32 20 73 65 6E 73 69 74 69 76 69 74 79 20 31 0D 0A`
197	Inputs: 3.5 mm in: Sensitivity = +4 dBu	`set input 2 sensitivity 2`	`73 65 74 20 69 6E 70 75 74 20 32 20 73 65 6E 73 69 74 69 76 69 74 79 20 32 0D 0A`
198	Inputs: 3.5 mm in: Sensitivity = 0 dBu	`set input 2 sensitivity 3`	`73 65 74 20 69 6E 70 75 74 20 32 20 73 65 6E 73 69 74 69 76 69 74 79 20 33 0D 0A`
199	Inputs: 3.5 mm in: Sensitivity = 0 dBV	`set input 2 sensitivity 4`	`73 65 74 20 69 6E 70 75 74 20 32 20 73 65 6E 73 69 74 69 76 69 74 79 20 34 0D 0A`

200	Inputs: 3.5 mm in: Sensitivity = -10 dBV	`set input 2 sensitivity 5`	`73 65 74 20 69 6E 70 75 74 20 32 20 73 65 6E 73 69 74 69 76 69 74 79 20 35 0D 0A`
201	Inputs: 3.5 mm in: Sensitivity = -18 dBV	`set input 2 sensitivity 6`	`73 65 74 20 69 6E 70 75 74 20 32 20 73 65 6E 73 69 74 69 76 69 74 79 20 36 0D 0A`
202	Output: Output level = +20 dBu	`set output gain 1`	`73 65 74 20 6F 75 74 70 75 74 20 67 61 69 6E 20 31 0D 0A`
203	Output: Output level = +4 dBu	`set output gain 2`	`73 65 74 20 6F 75 74 70 75 74 20 67 61 69 6E 20 32 0D 0A`
204	Output: Output level = 0 dBu	`set output gain 3`	`73 65 74 20 6F 75 74 70 75 74 20 67 61 69 6E 20 33 0D 0A`
205	Output: Output level = 0 dBV	`set output gain 4`	`73 65 74 20 6F 75 74 70 75 74 20 67 61 69 6E 20 34 0D 0A`
206	Output: Output level = -10 dBV	`set output gain 5`	`73 65 74 20 6F 75 74 70 75 74 20 67 61 69 6E 20 35 0D 0A`
207	Output: Left and right together on	`set output stereo on`	`73 65 74 20 6F 75 74 70 75 74 20 73 74 65 72 65 6F 20 6F 6E 0D 0A`
208	Output: Left and right together off	`set output stereo off`	`73 65 74 20 6F 75 74 70 75 74 20 73 74 65 72 65 6F 20 6F 66 66 0D 0A`
209	Output: Analog out left: Volume = {level} (0 to 100)	`set output 1 vol {level}`	`the level in place of {level}`
210	Output: Analog out left: Volume = 0	`set output 1 vol 0`	`73 65 74 20 6F 75 74 70 75 74 20 31 20 76 6F 6C 20 30 0D 0A`
211	Output: Analog out left: Volume = 50	`set output 1 vol 50`	`73 65 74 20 6F 75 74 70 75 74 20 31 20 76 6F 6C 20 35 30 0D 0A`
212	Output: Analog out left: Volume = 100	`set output 1 vol 100`	`73 65 74 20 6F 75 74 70 75 74 20 31 20 76 6F 6C 20 31 30 30 0D 0A`
213	Output: Analog out right: Volume = {level} (0 to 100)	`set output 2 vol {level}`	`the level in place of {level}`
214	Output: Analog out right: Volume = 0	`set output 2 vol 0`	`73 65 74 20 6F 75 74 70 75 74 20 32 20 76 6F 6C 20 30 0D 0A`
215	Output: Analog out right: Volume = 50	`set output 2 vol 50`	`73 65 74 20 6F 75 74 70 75 74 20 32 20 76 6F 6C 20 35 30 0D 0A`
216	Output: Analog out right: Volume = 100	`set output 2 vol 100`	`73 65 74 20 6F 75 74 70 75 74 20 32 20 76 6F 6C 20 31 30 30 0D 0A`
217	Output: Analog out left: Mute on	`set output 1 mute on`	`73 65 74 20 6F 75 74 70 75 74 20 31 20 6D 75 74 65 20 6F 6E 0D 0A`
218	Output: Analog out left: Mute off	`set output 1 mute off`	`73 65 74 20 6F 75 74 70 75 74 20 31 20 6D 75 74 65 20 6F 66 66 0D 0A`
219	Output: Analog out right: Mute on	`set output 2 mute on`	`73 65 74 20 6F 75 74 70 75 74 20 32 20 6D 75 74 65 20 6F 6E 0D 0A`
220	Output: Analog out right: Mute off	`set output 2 mute off`	`73 65 74 20 6F 75 74 70 75 74 20 32 20 6D 75 74 65 20 6F 66 66 0D 0A`
221	Output: Analog out left: Delay (ms) = 0	`set output 1 delay 0`	`73 65 74 20 6F 75 74 70 75 74 20 31 20 64 65 6C 61 79 20 30 0D 0A`
222	Output: Analog out left: Delay (ms) = 1	`set output 1 delay 1`	`73 65 74 20 6F 75 74 70 75 74 20 31 20 64 65 6C 61 79 20 31 0D 0A`
223	Output: Analog out left: Delay (ms) = 2	`set output 1 delay 2`	`73 65 74 20 6F 75 74 70 75 74 20 31 20 64 65 6C 61 79 20 32 0D 0A`

224	Output: Analog out left: Delay (ms) = 3	set output 1 delay 3	73 65 74 20 6F 75 74 70 75 74 20 31 20 64 65 6C 61 79 20 33 0D 0A
225	Output: Analog out left: Delay (ms) = 4	set output 1 delay 4	73 65 74 20 6F 75 74 70 75 74 20 31 20 64 65 6C 61 79 20 34 0D 0A
226	Output: Analog out left: Delay (ms) = 5	set output 1 delay 5	73 65 74 20 6F 75 74 70 75 74 20 31 20 64 65 6C 61 79 20 35 0D 0A
227	Output: Analog out left: Delay (ms) = 6	set output 1 delay 6	73 65 74 20 6F 75 74 70 75 74 20 31 20 64 65 6C 61 79 20 36 0D 0A
228	Output: Analog out left: Delay (ms) = 7	set output 1 delay 7	73 65 74 20 6F 75 74 70 75 74 20 31 20 64 65 6C 61 79 20 37 0D 0A
229	Output: Analog out left: Delay (ms) = 8	set output 1 delay 8	73 65 74 20 6F 75 74 70 75 74 20 31 20 64 65 6C 61 79 20 38 0D 0A
230	Output: Analog out left: Delay (ms) = 9	set output 1 delay 9	73 65 74 20 6F 75 74 70 75 74 20 31 20 64 65 6C 61 79 20 39 0D 0A
231	Output: Analog out left: Delay (ms) = 10	set output 1 delay 10	73 65 74 20 6F 75 74 70 75 74 20 31 20 64 65 6C 61 79 20 31 30 0D 0A
232	Output: Analog out left: Delay (ms) = 11	set output 1 delay 11	73 65 74 20 6F 75 74 70 75 74 20 31 20 64 65 6C 61 79 20 31 31 0D 0A
233	Output: Analog out left: Delay (ms) = 12	set output 1 delay 12	73 65 74 20 6F 75 74 70 75 74 20 31 20 64 65 6C 61 79 20 31 32 0D 0A
234	Output: Analog out left: Delay (ms) = 13	set output 1 delay 13	73 65 74 20 6F 75 74 70 75 74 20 31 20 64 65 6C 61 79 20 31 33 0D 0A
235	Output: Analog out left: Delay (ms) = 14	set output 1 delay 14	73 65 74 20 6F 75 74 70 75 74 20 31 20 64 65 6C 61 79 20 31 34 0D 0A
236	Output: Analog out left: Delay (ms) = 15	set output 1 delay 15	73 65 74 20 6F 75 74 70 75 74 20 31 20 64 65 6C 61 79 20 31 35 0D 0A
237	Output: Analog out left: Delay (ms) = 16	set output 1 delay 16	73 65 74 20 6F 75 74 70 75 74 20 31 20 64 65 6C 61 79 20 31 36 0D 0A
238	Output: Analog out left: Delay (ms) = 17	set output 1 delay 17	73 65 74 20 6F 75 74 70 75 74 20 31 20 64 65 6C 61 79 20 31 37 0D 0A
239	Output: Analog out left: Delay (ms) = 18	set output 1 delay 18	73 65 74 20 6F 75 74 70 75 74 20 31 20 64 65 6C 61 79 20 31 38 0D 0A
240	Output: Analog out left: Delay (ms) = 19	set output 1 delay 19	73 65 74 20 6F 75 74 70 75 74 20 31 20 64 65 6C 61 79 20 31 39 0D 0A
241	Output: Analog out left: Delay (ms) = 20	set output 1 delay 20	73 65 74 20 6F 75 74 70 75 74 20 31 20 64 65 6C 61 79 20 32 30 0D 0A
242	Output: Analog out left: Delay (ms) = 21	set output 1 delay 21	73 65 74 20 6F 75 74 70 75 74 20 31 20 64 65 6C 61 79 20 32 31 0D 0A
243	Output: Analog out left: Delay (ms) = 22	set output 1 delay 22	73 65 74 20 6F 75 74 70 75 74 20 31 20 64 65 6C 61 79 20 32 32 0D 0A
244	Output: Analog out left: Delay (ms) = 23	set output 1 delay 23	73 65 74 20 6F 75 74 70 75 74 20 31 20 64 65 6C 61 79 20 32 33 0D 0A
245	Output: Analog out left: Delay (ms) = 24	set output 1 delay 24	73 65 74 20 6F 75 74 70 75 74 20 31 20 64 65 6C 61 79 20 32 34 0D 0A
246	Output: Analog out left: Delay (ms) = 25	set output 1 delay 25	73 65 74 20 6F 75 74 70 75 74 20 31 20 64 65 6C 61 79 20 32 35 0D 0A
247	Output: Analog out left: Delay (ms) = 26	set output 1 delay 26	73 65 74 20 6F 75 74 70 75 74 20 31 20 64 65 6C 61 79 20 32 36 0D 0A

248	Output: Analog out left: Delay (ms) = 27	set output 1 delay 27	73 65 74 20 6F 75 74 70 75 74 20 31 20 64 65 6C 61 79 20 32 37 0D 0A
249	Output: Analog out left: Delay (ms) = 28	set output 1 delay 28	73 65 74 20 6F 75 74 70 75 74 20 31 20 64 65 6C 61 79 20 32 38 0D 0A
250	Output: Analog out left: Delay (ms) = 29	set output 1 delay 29	73 65 74 20 6F 75 74 70 75 74 20 31 20 64 65 6C 61 79 20 32 39 0D 0A
251	Output: Analog out left: Delay (ms) = 30	set output 1 delay 30	73 65 74 20 6F 75 74 70 75 74 20 31 20 64 65 6C 61 79 20 33 30 0D 0A
252	Output: Analog out left: Delay (ms) = 31	set output 1 delay 31	73 65 74 20 6F 75 74 70 75 74 20 31 20 64 65 6C 61 79 20 33 31 0D 0A
253	Output: Analog out left: Delay (ms) = 32	set output 1 delay 32	73 65 74 20 6F 75 74 70 75 74 20 31 20 64 65 6C 61 79 20 33 32 0D 0A
254	Output: Analog out left: Delay (ms) = 33	set output 1 delay 33	73 65 74 20 6F 75 74 70 75 74 20 31 20 64 65 6C 61 79 20 33 33 0D 0A
255	Output: Analog out left: Delay (ms) = 34	set output 1 delay 34	73 65 74 20 6F 75 74 70 75 74 20 31 20 64 65 6C 61 79 20 33 34 0D 0A
256	Output: Analog out left: Delay (ms) = 35	set output 1 delay 35	73 65 74 20 6F 75 74 70 75 74 20 31 20 64 65 6C 61 79 20 33 35 0D 0A
257	Output: Analog out left: Delay (ms) = 36	set output 1 delay 36	73 65 74 20 6F 75 74 70 75 74 20 31 20 64 65 6C 61 79 20 33 36 0D 0A
258	Output: Analog out left: Delay (ms) = 37	set output 1 delay 37	73 65 74 20 6F 75 74 70 75 74 20 31 20 64 65 6C 61 79 20 33 37 0D 0A
259	Output: Analog out left: Delay (ms) = 38	set output 1 delay 38	73 65 74 20 6F 75 74 70 75 74 20 31 20 64 65 6C 61 79 20 33 38 0D 0A
260	Output: Analog out left: Delay (ms) = 39	set output 1 delay 39	73 65 74 20 6F 75 74 70 75 74 20 31 20 64 65 6C 61 79 20 33 39 0D 0A
261	Output: Analog out left: Delay (ms) = 40	set output 1 delay 40	73 65 74 20 6F 75 74 70 75 74 20 31 20 64 65 6C 61 79 20 34 30 0D 0A
262	Output: Analog out left: Delay (ms) = 41	set output 1 delay 41	73 65 74 20 6F 75 74 70 75 74 20 31 20 64 65 6C 61 79 20 34 31 0D 0A
263	Output: Analog out left: Delay (ms) = 42	set output 1 delay 42	73 65 74 20 6F 75 74 70 75 74 20 31 20 64 65 6C 61 79 20 34 32 0D 0A
264	Output: Analog out left: Delay (ms) = 43	set output 1 delay 43	73 65 74 20 6F 75 74 70 75 74 20 31 20 64 65 6C 61 79 20 34 33 0D 0A
265	Output: Analog out left: Delay (ms) = 44	set output 1 delay 44	73 65 74 20 6F 75 74 70 75 74 20 31 20 64 65 6C 61 79 20 34 34 0D 0A
266	Output: Analog out left: Delay (ms) = 45	set output 1 delay 45	73 65 74 20 6F 75 74 70 75 74 20 31 20 64 65 6C 61 79 20 34 35 0D 0A
267	Output: Analog out left: Delay (ms) = 46	set output 1 delay 46	73 65 74 20 6F 75 74 70 75 74 20 31 20 64 65 6C 61 79 20 34 36 0D 0A
268	Output: Analog out left: Delay (ms) = 47	set output 1 delay 47	73 65 74 20 6F 75 74 70 75 74 20 31 20 64 65 6C 61 79 20 34 37 0D 0A
269	Output: Analog out left: Delay (ms) = 48	set output 1 delay 48	73 65 74 20 6F 75 74 70 75 74 20 31 20 64 65 6C 61 79 20 34 38 0D 0A
270	Output: Analog out left: Delay (ms) = 49	set output 1 delay 49	73 65 74 20 6F 75 74 70 75 74 20 31 20 64 65 6C 61 79 20 34 39 0D 0A
271	Output: Analog out left: Delay (ms) = 50	set output 1 delay 50	73 65 74 20 6F 75 74 70 75 74 20 31 20 64 65 6C 61 79 20 35 30 0D 0A

272	Output: Analog out right: Delay (ms) = 0	set output 2 delay 0	73 65 74 20 6F 75 74 70 75 74 20 32 20 64 65 6C 61 79 20 30 0D 0A
273	Output: Analog out right: Delay (ms) = 1	set output 2 delay 1	73 65 74 20 6F 75 74 70 75 74 20 32 20 64 65 6C 61 79 20 31 0D 0A
274	Output: Analog out right: Delay (ms) = 2	set output 2 delay 2	73 65 74 20 6F 75 74 70 75 74 20 32 20 64 65 6C 61 79 20 32 0D 0A
275	Output: Analog out right: Delay (ms) = 3	set output 2 delay 3	73 65 74 20 6F 75 74 70 75 74 20 32 20 64 65 6C 61 79 20 33 0D 0A
276	Output: Analog out right: Delay (ms) = 4	set output 2 delay 4	73 65 74 20 6F 75 74 70 75 74 20 32 20 64 65 6C 61 79 20 34 0D 0A
277	Output: Analog out right: Delay (ms) = 5	set output 2 delay 5	73 65 74 20 6F 75 74 70 75 74 20 32 20 64 65 6C 61 79 20 35 0D 0A
278	Output: Analog out right: Delay (ms) = 6	set output 2 delay 6	73 65 74 20 6F 75 74 70 75 74 20 32 20 64 65 6C 61 79 20 36 0D 0A
279	Output: Analog out right: Delay (ms) = 7	set output 2 delay 7	73 65 74 20 6F 75 74 70 75 74 20 32 20 64 65 6C 61 79 20 37 0D 0A
280	Output: Analog out right: Delay (ms) = 8	set output 2 delay 8	73 65 74 20 6F 75 74 70 75 74 20 32 20 64 65 6C 61 79 20 38 0D 0A
281	Output: Analog out right: Delay (ms) = 9	set output 2 delay 9	73 65 74 20 6F 75 74 70 75 74 20 32 20 64 65 6C 61 79 20 39 0D 0A
282	Output: Analog out right: Delay (ms) = 10	set output 2 delay 10	73 65 74 20 6F 75 74 70 75 74 20 32 20 64 65 6C 61 79 20 31 30 0D 0A
283	Output: Analog out right: Delay (ms) = 11	set output 2 delay 11	73 65 74 20 6F 75 74 70 75 74 20 32 20 64 65 6C 61 79 20 31 31 0D 0A
284	Output: Analog out right: Delay (ms) = 12	set output 2 delay 12	73 65 74 20 6F 75 74 70 75 74 20 32 20 64 65 6C 61 79 20 31 32 0D 0A
285	Output: Analog out right: Delay (ms) = 13	set output 2 delay 13	73 65 74 20 6F 75 74 70 75 74 20 32 20 64 65 6C 61 79 20 31 33 0D 0A
286	Output: Analog out right: Delay (ms) = 14	set output 2 delay 14	73 65 74 20 6F 75 74 70 75 74 20 32 20 64 65 6C 61 79 20 31 34 0D 0A
287	Output: Analog out right: Delay (ms) = 15	set output 2 delay 15	73 65 74 20 6F 75 74 70 75 74 20 32 20 64 65 6C 61 79 20 31 35 0D 0A
288	Output: Analog out right: Delay (ms) = 16	set output 2 delay 16	73 65 74 20 6F 75 74 70 75 74 20 32 20 64 65 6C 61 79 20 31 36 0D 0A
289	Output: Analog out right: Delay (ms) = 17	set output 2 delay 17	73 65 74 20 6F 75 74 70 75 74 20 32 20 64 65 6C 61 79 20 31 37 0D 0A
290	Output: Analog out right: Delay (ms) = 18	set output 2 delay 18	73 65 74 20 6F 75 74 70 75 74 20 32 20 64 65 6C 61 79 20 31 38 0D 0A
291	Output: Analog out right: Delay (ms) = 19	set output 2 delay 19	73 65 74 20 6F 75 74 70 75 74 20 32 20 64 65 6C 61 79 20 31 39 0D 0A
292	Output: Analog out right: Delay (ms) = 20	set output 2 delay 20	73 65 74 20 6F 75 74 70 75 74 20 32 20 64 65 6C 61 79 20 32 30 0D 0A
293	Output: Analog out right: Delay (ms) = 21	set output 2 delay 21	73 65 74 20 6F 75 74 70 75 74 20 32 20 64 65 6C 61 79 20 32 31 0D 0A
294	Output: Analog out right: Delay (ms) = 22	set output 2 delay 22	73 65 74 20 6F 75 74 70 75 74 20 32 20 64 65 6C 61 79 20 32 32 0D 0A
295	Output: Analog out right: Delay (ms) = 23	set output 2 delay 23	73 65 74 20 6F 75 74 70 75 74 20 32 20 64 65 6C 61 79 20 32 33 0D 0A

296	Output: Analog out right: Delay (ms) = 24	set output 2 delay 24	73 65 74 20 6F 75 74 70 75 74 20 32 20 64 65 6C 61 79 20 32 34 0D 0A
297	Output: Analog out right: Delay (ms) = 25	set output 2 delay 25	73 65 74 20 6F 75 74 70 75 74 20 32 20 64 65 6C 61 79 20 32 35 0D 0A
298	Output: Analog out right: Delay (ms) = 26	set output 2 delay 26	73 65 74 20 6F 75 74 70 75 74 20 32 20 64 65 6C 61 79 20 32 36 0D 0A
299	Output: Analog out right: Delay (ms) = 27	set output 2 delay 27	73 65 74 20 6F 75 74 70 75 74 20 32 20 64 65 6C 61 79 20 32 37 0D 0A
300	Output: Analog out right: Delay (ms) = 28	set output 2 delay 28	73 65 74 20 6F 75 74 70 75 74 20 32 20 64 65 6C 61 79 20 32 38 0D 0A
301	Output: Analog out right: Delay (ms) = 29	set output 2 delay 29	73 65 74 20 6F 75 74 70 75 74 20 32 20 64 65 6C 61 79 20 32 39 0D 0A
302	Output: Analog out right: Delay (ms) = 30	set output 2 delay 30	73 65 74 20 6F 75 74 70 75 74 20 32 20 64 65 6C 61 79 20 33 30 0D 0A
303	Output: Analog out right: Delay (ms) = 31	set output 2 delay 31	73 65 74 20 6F 75 74 70 75 74 20 32 20 64 65 6C 61 79 20 33 31 0D 0A
304	Output: Analog out right: Delay (ms) = 32	set output 2 delay 32	73 65 74 20 6F 75 74 70 75 74 20 32 20 64 65 6C 61 79 20 33 32 0D 0A
305	Output: Analog out right: Delay (ms) = 33	set output 2 delay 33	73 65 74 20 6F 75 74 70 75 74 20 32 20 64 65 6C 61 79 20 33 33 0D 0A
306	Output: Analog out right: Delay (ms) = 34	set output 2 delay 34	73 65 74 20 6F 75 74 70 75 74 20 32 20 64 65 6C 61 79 20 33 34 0D 0A
307	Output: Analog out right: Delay (ms) = 35	set output 2 delay 35	73 65 74 20 6F 75 74 70 75 74 20 32 20 64 65 6C 61 79 20 33 35 0D 0A
308	Output: Analog out right: Delay (ms) = 36	set output 2 delay 36	73 65 74 20 6F 75 74 70 75 74 20 32 20 64 65 6C 61 79 20 33 36 0D 0A
309	Output: Analog out right: Delay (ms) = 37	set output 2 delay 37	73 65 74 20 6F 75 74 70 75 74 20 32 20 64 65 6C 61 79 20 33 37 0D 0A
310	Output: Analog out right: Delay (ms) = 38	set output 2 delay 38	73 65 74 20 6F 75 74 70 75 74 20 32 20 64 65 6C 61 79 20 33 38 0D 0A
311	Output: Analog out right: Delay (ms) = 39	set output 2 delay 39	73 65 74 20 6F 75 74 70 75 74 20 32 20 64 65 6C 61 79 20 33 39 0D 0A
312	Output: Analog out right: Delay (ms) = 40	set output 2 delay 40	73 65 74 20 6F 75 74 70 75 74 20 32 20 64 65 6C 61 79 20 34 30 0D 0A
313	Output: Analog out right: Delay (ms) = 41	set output 2 delay 41	73 65 74 20 6F 75 74 70 75 74 20 32 20 64 65 6C 61 79 20 34 31 0D 0A
314	Output: Analog out right: Delay (ms) = 42	set output 2 delay 42	73 65 74 20 6F 75 74 70 75 74 20 32 20 64 65 6C 61 79 20 34 32 0D 0A
315	Output: Analog out right: Delay (ms) = 43	set output 2 delay 43	73 65 74 20 6F 75 74 70 75 74 20 32 20 64 65 6C 61 79 20 34 33 0D 0A
316	Output: Analog out right: Delay (ms) = 44	set output 2 delay 44	73 65 74 20 6F 75 74 70 75 74 20 32 20 64 65 6C 61 79 20 34 34 0D 0A
317	Output: Analog out right: Delay (ms) = 45	set output 2 delay 45	73 65 74 20 6F 75 74 70 75 74 20 32 20 64 65 6C 61 79 20 34 35 0D 0A
318	Output: Analog out right: Delay (ms) = 46	set output 2 delay 46	73 65 74 20 6F 75 74 70 75 74 20 32 20 64 65 6C 61 79 20 34 36 0D 0A
319	Output: Analog out right: Delay (ms) = 47	set output 2 delay 47	73 65 74 20 6F 75 74 70 75 74 20 32 20 64 65 6C 61 79 20 34 37 0D 0A

320	Output: Analog out right: Delay (ms) = 48	`set output 2 delay 48`	`73 65 74 20 6F 75 74 70 75 74 20 32 20 64 65 6C 61 79 20 34 38 0D 0A`
321	Output: Analog out right: Delay (ms) = 49	`set output 2 delay 49`	`73 65 74 20 6F 75 74 70 75 74 20 32 20 64 65 6C 61 79 20 34 39 0D 0A`
322	Output: Analog out right: Delay (ms) = 50	`set output 2 delay 50`	`73 65 74 20 6F 75 74 70 75 74 20 32 20 64 65 6C 61 79 20 35 30 0D 0A`
323	Bluetooth: Playing on the phone = Previous	`set bt backward`	`73 65 74 20 62 74 20 62 61 63 6B 77 61 72 64 0D 0A`
324	Bluetooth: Playing on the phone = Play / pause	`set bt play/pause`	`73 65 74 20 62 74 20 70 6C 61 79 2F 70 61 75 73 65 0D 0A`
325	Bluetooth: Playing on the phone = Next	`set bt forward`	`73 65 74 20 62 74 20 66 6F 72 77 61 72 64 0D 0A`
326	Bluetooth setup: Bluetooth bridging = Call	`set bt audio bridging 1`	`73 65 74 20 62 74 20 61 75 64 69 6F 20 62 72 69 64 67 69 6E 67 20 31 0D 0A`
327	Bluetooth setup: Bluetooth bridging = Media	`set bt audio bridging 2`	`73 65 74 20 62 74 20 61 75 64 69 6F 20 62 72 69 64 67 69 6E 67 20 32 0D 0A`
328	Bluetooth setup: Bluetooth bridging = Call and media	`set bt audio bridging 3`	`73 65 74 20 62 74 20 61 75 64 69 6F 20 62 72 69 64 67 69 6E 67 20 33 0D 0A`
329	Bluetooth setup: Disconnect a phone Both phones	`set bt paired disconnect 0`	`73 65 74 20 62 74 20 70 61 69 72 65 64 20 64 69 73 63 6F 6E 6E 65 63 74 20 30 0D 0A`
330	Bluetooth setup: Disconnect a phone Phone 1	`set bt paired disconnect 1`	`73 65 74 20 62 74 20 70 61 69 72 65 64 20 64 69 73 63 6F 6E 6E 65 63 74 20 31 0D 0A`
331	Bluetooth setup: Disconnect a phone Phone 2	`set bt paired disconnect 2`	`73 65 74 20 62 74 20 70 61 69 72 65 64 20 64 69 73 63 6F 6E 6E 65 63 74 20 32 0D 0A`
332	Bluetooth setup: Forget a paired phone Both phones	`set bt paired clear 0`	`73 65 74 20 62 74 20 70 61 69 72 65 64 20 63 6C 65 61 72 20 30 0D 0A`
333	Bluetooth setup: Forget a paired phone Phone 1	`set bt paired clear 1`	`73 65 74 20 62 74 20 70 61 69 72 65 64 20 63 6C 65 61 72 20 31 0D 0A`
334	Bluetooth setup: Forget a paired phone Phone 2	`set bt paired clear 2`	`73 65 74 20 62 74 20 70 61 69 72 65 64 20 63 6C 65 61 72 20 32 0D 0A`
335	Input EQ: Bluetooth: Clear the EQ	`set 1 eq clear`	`73 65 74 20 31 20 65 71 20 63 6C 65 61 72 0D 0A`
336	Input EQ: 3.5 mm in: Clear the EQ	`set 2 eq clear`	`73 65 74 20 32 20 65 71 20 63 6C 65 61 72 0D 0A`
337	Input EQ: RCA in: Clear the EQ	`set 3 eq clear`	`73 65 74 20 33 20 65 71 20 63 6C 65 61 72 0D 0A`
338	Input EQ: In 4: Clear the EQ	`set 4 eq clear`	`73 65 74 20 34 20 65 71 20 63 6C 65 61 72 0D 0A`
339	Input EQ: In 5: Clear the EQ	`set 5 eq clear`	`73 65 74 20 35 20 65 71 20 63 6C 65 61 72 0D 0A`
340	Input EQ: In 6: Clear the EQ	`set 6 eq clear`	`73 65 74 20 36 20 65 71 20 63 6C 65 61 72 0D 0A`
341	Output EQ: Analog out left: Clear the EQ	`set 8 eq clear`	`73 65 74 20 38 20 65 71 20 63 6C 65 61 72 0D 0A`
342	Output EQ: Analog out right: Clear the EQ	`set 9 eq clear`	`73 65 74 20 39 20 65 71 20 63 6C 65 61 72 0D 0A`
343	Input EQ: Bluetooth: Same EQ on left and right on	`set 1 eq stereo on`	`73 65 74 20 31 20 65 71 20 73 74 65 72 65 6F 20 6F 6E 0D 0A`

344	**Input EQ: Bluetooth: Same EQ on left and right off**	`set 1 eq stereo off`	`73 65 74 20 31 20 65 71 20 73 74 65 72 65 6F 20 6F 66 66 0D 0A`
345	**Input EQ: 3.5 mm: Same EQ on left and right on**	`set 2 eq stereo on`	`73 65 74 20 32 20 65 71 20 73 74 65 72 65 6F 20 6F 6E 0D 0A`
346	**Input EQ: 3.5 mm: Same EQ on left and right off**	`set 2 eq stereo off`	`73 65 74 20 32 20 65 71 20 73 74 65 72 65 6F 20 6F 66 66 0D 0A`
347	**Input EQ: RCA: Same EQ on left and right on**	`set 3 eq stereo on`	`73 65 74 20 33 20 65 71 20 73 74 65 72 65 6F 20 6F 6E 0D 0A`
348	**Input EQ: RCA: Same EQ on left and right off**	`set 3 eq stereo off`	`73 65 74 20 33 20 65 71 20 73 74 65 72 65 6F 20 6F 66 66 0D 0A`
349	**Input EQ: Analog out: Same EQ on left and right on**	`set 4 eq stereo on`	`73 65 74 20 34 20 65 71 20 73 74 65 72 65 6F 20 6F 6E 0D 0A`
350	**Input EQ: Analog out: Same EQ on left and right off**	`set 4 eq stereo off`	`73 65 74 20 34 20 65 71 20 73 74 65 72 65 6F 20 6F 66 66 0D 0A`

4. READING THE UNIT BACK

Send these to read the unit back (on a timer, or after a change).

#	String	Bytes (hex)	The reply gives
1	`get bt vol`	`67 65 74 20 62 74 20 76 6F 6C 0D 0A`	Bluetooth volume
2	`get bt mute`	`67 65 74 20 62 74 20 6D 75 74 65 0D 0A`	Mute Bluetooth
3	`get bt discoverable/pairing`	`67 65 74 20 62 74 20 64 69 73 63 6F 76 65 72 61 62 6C 65 2F 70 61 69 72 69 6E 67 0D 0A`	Open for pairing
4	`get bt audio bridging`	`67 65 74 20 62 74 20 61 75 64 69 6F 20 62 72 69 64 67 69 6E 67 0D 0A`	Bluetooth bridging
5	`get bt name`	`67 65 74 20 62 74 20 6E 61 6D 65 0D 0A`	Bluetooth name
6	`get output stereo`	`67 65 74 20 6F 75 74 70 75 74 20 73 74 65 72 65 6F 0D 0A`	Left and right together
7	`get bt window time`	`67 65 74 20 62 74 20 77 69 6E 64 6F 77 20 74 69 6D 65 0D 0A`	Pairing stays open (s)
8	`get bt window switch`	`67 65 74 20 62 74 20 77 69 6E 64 6F 77 20 73 77 69 74 63 68 0D 0A`	Close pairing by itself
9	`get fw version`	`67 65 74 20 66 77 20 76 65 72 73 69 6F 6E 0D 0A`	Firmware
10	`get artist`	`67 65 74 20 61 72 74 69 73 74 0D 0A`	Artist
11	`get album`	`67 65 74 20 61 6C 62 75 6D 0D 0A`	Album

12	`get track`	`67 65 74 20 74 72 61 63 6B 0D 0A`	Track
13	`get bt format`	`67 65 74 20 62 74 20 66 6F 72 6D 61 74 0D 0A`	Bluetooth format

5. TROUBLESHOOTING

Nothing happens.
Check the unit's IP address and that TCP 8000 is open between the Tesira server and the unit (same network or VLAN, or routed; no firewall in between). Check the line ending is sent after each string.

The unit answers with an error.
The string or its value is not one it takes, or the unit is in standby: turn it on first.