COL-HUD-42 Tesira Command Sheet

For Tesira Command String blocks · Version 1.0.2

Every command the COL-HUD-42 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-COL-HUD-42-Tesira-Command-Sheet-1.0.2.csv` for copying.

> **Before you start —** the Tesira server must reach the COL-HUD-42 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

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

#	Command	String	Bytes (hex, with the line ending)
1	**Show: All outputs: Source = USB-C input 1**	`set output 0 from 1`	`73 65 74 20 6F 75 74 70 75 74 20 30 20 66 72 6F 6D 20 31 0D 0A`
2	**Show: All outputs: Source = USB-C input 2**	`set output 0 from 2`	`73 65 74 20 6F 75 74 70 75 74 20 30 20 66 72 6F 6D 20 32 0D 0A`
3	**Show: All outputs: Source = HDMI input 3**	`set output 0 from 3`	`73 65 74 20 6F 75 74 70 75 74 20 30 20 66 72 6F 6D 20 33 0D 0A`
4	**Show: All outputs: Source = HDMI input 4**	`set output 0 from 4`	`73 65 74 20 6F 75 74 70 75 74 20 30 20 66 72 6F 6D 20 34 0D 0A`
5	**Show: HDMI output 1: Source = USB-C input 1**	`set output 1 from 1`	`73 65 74 20 6F 75 74 70 75 74 20 31 20 66 72 6F 6D 20 31 0D 0A`
6	**Show: HDMI output 1: Source = USB-C input 2**	`set output 1 from 2`	`73 65 74 20 6F 75 74 70 75 74 20 31 20 66 72 6F 6D 20 32 0D 0A`

7	Show: HDMI output 1: Source = HDMI input 3	`set output 1 from 3`	`73 65 74 20 6F 75 74 70 75 74 20 31 20 66 72 6F 6D 20 33 0D 0A`
8	Show: HDMI output 1: Source = HDMI input 4	`set output 1 from 4`	`73 65 74 20 6F 75 74 70 75 74 20 31 20 66 72 6F 6D 20 34 0D 0A`
9	Show: HDMI output 2: Source = USB-C input 1	`set output 2 from 1`	`73 65 74 20 6F 75 74 70 75 74 20 32 20 66 72 6F 6D 20 31 0D 0A`
10	Show: HDMI output 2: Source = USB-C input 2	`set output 2 from 2`	`73 65 74 20 6F 75 74 70 75 74 20 32 20 66 72 6F 6D 20 32 0D 0A`
11	Show: HDMI output 2: Source = HDMI input 3	`set output 2 from 3`	`73 65 74 20 6F 75 74 70 75 74 20 32 20 66 72 6F 6D 20 33 0D 0A`
12	Show: HDMI output 2: Source = HDMI input 4	`set output 2 from 4`	`73 65 74 20 6F 75 74 70 75 74 20 32 20 66 72 6F 6D 20 34 0D 0A`
13	Show: HDMI output 1: Switch to a newly plugged-in source by itself on	`set output 1 auto swi tch 1`	`73 65 74 20 6F 75 74 70 75 74 20 31 20 61 75 74 6F 20 73 77 69 74 63 68 20 31 0D 0A`
14	Show: HDMI output 1: Switch to a newly plugged-in source by itself off	`set output 1 auto swi tch 0`	`73 65 74 20 6F 75 74 70 75 74 20 31 20 61 75 74 6F 20 73 77 69 74 63 68 20 30 0D 0A`
15	Show: HDMI output 2: Switch to a newly plugged-in source by itself on	`set output 2 auto swi tch 1`	`73 65 74 20 6F 75 74 70 75 74 20 32 20 61 75 74 6F 20 73 77 69 74 63 68 20 31 0D 0A`
16	Show: HDMI output 2: Switch to a newly plugged-in source by itself off	`set output 2 auto swi tch 0`	`73 65 74 20 6F 75 74 70 75 74 20 32 20 61 75 74 6F 20 73 77 69 74 63 68 20 30 0D 0A`
17	Picture: HDMI output 1: Picture = On	`set output 1 signal 1`	`73 65 74 20 6F 75 74 70 75 74 20 31 20 73 69 67 6E 61 6C 20 31 0D 0A`
18	Picture: HDMI output 1: Picture = Off	`set output 1 signal 2`	`73 65 74 20 6F 75 74 70 75 74 20 31 20 73 69 67 6E 61 6C 20 32 0D 0A`
19	Picture: HDMI output 1: Picture = AV mute	`set output 1 signal 3`	`73 65 74 20 6F 75 74 70 75 74 20 31 20 73 69 67 6E 61 6C 20 33 0D 0A`
20	Picture: HDMI output 2: Picture = On	`set output 2 signal 1`	`73 65 74 20 6F 75 74 70 75 74 20 32 20 73 69 67 6E 61 6C 20 31 0D 0A`
21	Picture: HDMI output 2: Picture = Off	`set output 2 signal 2`	`73 65 74 20 6F 75 74 70 75 74 20 32 20 73 69 67 6E 61 6C 20 32 0D 0A`
22	Picture: HDMI output 2: Picture = AV mute	`set output 2 signal 3`	`73 65 74 20 6F 75 74 70 75 74 20 32 20 73 69 67 6E 61 6C 20 33 0D 0A`
23	Sound: Analog sound out (dB) = -50	`set analog audio gain -50`	`73 65 74 20 61 6E 61 6C 6F 67 20 61 75 64 69 6F 20 67 61 69 6E 20 2D 35 30 0D 0A`
24	Sound: Analog sound out (dB) = -49	`set analog audio gain -49`	`73 65 74 20 61 6E 61 6C 6F 67 20 61 75 64 69 6F 20 67 61 69 6E 20 2D 34 39 0D 0A`
25	Sound: Analog sound out (dB) = -48	`set analog audio gain -48`	`73 65 74 20 61 6E 61 6C 6F 67 20 61 75 64 69 6F 20 67 61 69 6E 20 2D 34 38 0D 0A`
26	Sound: Analog sound out (dB) = -47	`set analog audio gain -47`	`73 65 74 20 61 6E 61 6C 6F 67 20 61 75 64 69 6F 20 67 61 69 6E 20 2D 34 37 0D 0A`
27	Sound: Analog sound out (dB) = -46	`set analog audio gain -46`	`73 65 74 20 61 6E 61 6C 6F 67 20 61 75 64 69 6F 20 67 61 69 6E 20 2D 34 36 0D 0A`
28	Sound: Analog sound out (dB) = -45	`set analog audio gain -45`	`73 65 74 20 61 6E 61 6C 6F 67 20 61 75 64 69 6F 20 67 61 69 6E 20 2D 34 35 0D 0A`
29	Sound: Analog sound out (dB) = -44	`set analog audio gain -44`	`73 65 74 20 61 6E 61 6C 6F 67 20 61 75 64 69 6F 20 67 61 69 6E 20 2D 34 34 0D 0A`
30	Sound: Analog sound out (dB) = -43	`set analog audio gain -43`	`73 65 74 20 61 6E 61 6C 6F 67 20 61 75 64 69 6F 20 67 61 69 6E 20 2D 34 33 0D 0A`

31	Sound: Analog sound out (dB) = -42	set analog audio gain -42	73 65 74 20 61 6E 61 6C 6F 67 20 61 75 64 69 6F 20 67 61 69 6E 20 2D 34 32 0D 0A
32	Sound: Analog sound out (dB) = -41	set analog audio gain -41	73 65 74 20 61 6E 61 6C 6F 67 20 61 75 64 69 6F 20 67 61 69 6E 20 2D 34 31 0D 0A
33	Sound: Analog sound out (dB) = -40	set analog audio gain -40	73 65 74 20 61 6E 61 6C 6F 67 20 61 75 64 69 6F 20 67 61 69 6E 20 2D 34 30 0D 0A
34	Sound: Analog sound out (dB) = -39	set analog audio gain -39	73 65 74 20 61 6E 61 6C 6F 67 20 61 75 64 69 6F 20 67 61 69 6E 20 2D 33 39 0D 0A
35	Sound: Analog sound out (dB) = -38	set analog audio gain -38	73 65 74 20 61 6E 61 6C 6F 67 20 61 75 64 69 6F 20 67 61 69 6E 20 2D 33 38 0D 0A
36	Sound: Analog sound out (dB) = -37	set analog audio gain -37	73 65 74 20 61 6E 61 6C 6F 67 20 61 75 64 69 6F 20 67 61 69 6E 20 2D 33 37 0D 0A
37	Sound: Analog sound out (dB) = -36	set analog audio gain -36	73 65 74 20 61 6E 61 6C 6F 67 20 61 75 64 69 6F 20 67 61 69 6E 20 2D 33 36 0D 0A
38	Sound: Analog sound out (dB) = -35	set analog audio gain -35	73 65 74 20 61 6E 61 6C 6F 67 20 61 75 64 69 6F 20 67 61 69 6E 20 2D 33 35 0D 0A
39	Sound: Analog sound out (dB) = -34	set analog audio gain -34	73 65 74 20 61 6E 61 6C 6F 67 20 61 75 64 69 6F 20 67 61 69 6E 20 2D 33 34 0D 0A
40	Sound: Analog sound out (dB) = -33	set analog audio gain -33	73 65 74 20 61 6E 61 6C 6F 67 20 61 75 64 69 6F 20 67 61 69 6E 20 2D 33 33 0D 0A
41	Sound: Analog sound out (dB) = -32	set analog audio gain -32	73 65 74 20 61 6E 61 6C 6F 67 20 61 75 64 69 6F 20 67 61 69 6E 20 2D 33 32 0D 0A
42	Sound: Analog sound out (dB) = -31	set analog audio gain -31	73 65 74 20 61 6E 61 6C 6F 67 20 61 75 64 69 6F 20 67 61 69 6E 20 2D 33 31 0D 0A
43	Sound: Analog sound out (dB) = -30	set analog audio gain -30	73 65 74 20 61 6E 61 6C 6F 67 20 61 75 64 69 6F 20 67 61 69 6E 20 2D 33 30 0D 0A
44	Sound: Analog sound out (dB) = -29	set analog audio gain -29	73 65 74 20 61 6E 61 6C 6F 67 20 61 75 64 69 6F 20 67 61 69 6E 20 2D 32 39 0D 0A
45	Sound: Analog sound out (dB) = -28	set analog audio gain -28	73 65 74 20 61 6E 61 6C 6F 67 20 61 75 64 69 6F 20 67 61 69 6E 20 2D 32 38 0D 0A
46	Sound: Analog sound out (dB) = -27	set analog audio gain -27	73 65 74 20 61 6E 61 6C 6F 67 20 61 75 64 69 6F 20 67 61 69 6E 20 2D 32 37 0D 0A
47	Sound: Analog sound out (dB) = -26	set analog audio gain -26	73 65 74 20 61 6E 61 6C 6F 67 20 61 75 64 69 6F 20 67 61 69 6E 20 2D 32 36 0D 0A
48	Sound: Analog sound out (dB) = -25	set analog audio gain -25	73 65 74 20 61 6E 61 6C 6F 67 20 61 75 64 69 6F 20 67 61 69 6E 20 2D 32 35 0D 0A
49	Sound: Analog sound out (dB) = -24	set analog audio gain -24	73 65 74 20 61 6E 61 6C 6F 67 20 61 75 64 69 6F 20 67 61 69 6E 20 2D 32 34 0D 0A
50	Sound: Analog sound out (dB) = -23	set analog audio gain -23	73 65 74 20 61 6E 61 6C 6F 67 20 61 75 64 69 6F 20 67 61 69 6E 20 2D 32 33 0D 0A
51	Sound: Analog sound out (dB) = -22	set analog audio gain -22	73 65 74 20 61 6E 61 6C 6F 67 20 61 75 64 69 6F 20 67 61 69 6E 20 2D 32 32 0D 0A
52	Sound: Analog sound out (dB) = -21	set analog audio gain -21	73 65 74 20 61 6E 61 6C 6F 67 20 61 75 64 69 6F 20 67 61 69 6E 20 2D 32 31 0D 0A
53	Sound: Analog sound out (dB) = -20	set analog audio gain -20	73 65 74 20 61 6E 61 6C 6F 67 20 61 75 64 69 6F 20 67 61 69 6E 20 2D 32 30 0D 0A
54	Sound: Analog sound out (dB) = -19	set analog audio gain -19	73 65 74 20 61 6E 61 6C 6F 67 20 61 75 64 69 6F 20 67 61 69 6E 20 2D 31 39 0D 0A

55	Sound: Analog sound out (dB) = -18	set analog audio gain -18	73 65 74 20 61 6E 61 6C 6F 67 20 61 75 64 69 6F 20 67 61 69 6E 20 2D 31 38 0D 0A
56	Sound: Analog sound out (dB) = -17	set analog audio gain -17	73 65 74 20 61 6E 61 6C 6F 67 20 61 75 64 69 6F 20 67 61 69 6E 20 2D 31 37 0D 0A
57	Sound: Analog sound out (dB) = -16	set analog audio gain -16	73 65 74 20 61 6E 61 6C 6F 67 20 61 75 64 69 6F 20 67 61 69 6E 20 2D 31 36 0D 0A
58	Sound: Analog sound out (dB) = -15	set analog audio gain -15	73 65 74 20 61 6E 61 6C 6F 67 20 61 75 64 69 6F 20 67 61 69 6E 20 2D 31 35 0D 0A
59	Sound: Analog sound out (dB) = -14	set analog audio gain -14	73 65 74 20 61 6E 61 6C 6F 67 20 61 75 64 69 6F 20 67 61 69 6E 20 2D 31 34 0D 0A
60	Sound: Analog sound out (dB) = -13	set analog audio gain -13	73 65 74 20 61 6E 61 6C 6F 67 20 61 75 64 69 6F 20 67 61 69 6E 20 2D 31 33 0D 0A
61	Sound: Analog sound out (dB) = -12	set analog audio gain -12	73 65 74 20 61 6E 61 6C 6F 67 20 61 75 64 69 6F 20 67 61 69 6E 20 2D 31 32 0D 0A
62	Sound: Analog sound out (dB) = -11	set analog audio gain -11	73 65 74 20 61 6E 61 6C 6F 67 20 61 75 64 69 6F 20 67 61 69 6E 20 2D 31 31 0D 0A
63	Sound: Analog sound out (dB) = -10	set analog audio gain -10	73 65 74 20 61 6E 61 6C 6F 67 20 61 75 64 69 6F 20 67 61 69 6E 20 2D 31 30 0D 0A
64	Sound: Analog sound out (dB) = -9	set analog audio gain -9	73 65 74 20 61 6E 61 6C 6F 67 20 61 75 64 69 6F 20 67 61 69 6E 20 2D 39 0D 0A
65	Sound: Analog sound out (dB) = -8	set analog audio gain -8	73 65 74 20 61 6E 61 6C 6F 67 20 61 75 64 69 6F 20 67 61 69 6E 20 2D 38 0D 0A
66	Sound: Analog sound out (dB) = -7	set analog audio gain -7	73 65 74 20 61 6E 61 6C 6F 67 20 61 75 64 69 6F 20 67 61 69 6E 20 2D 37 0D 0A
67	Sound: Analog sound out (dB) = -6	set analog audio gain -6	73 65 74 20 61 6E 61 6C 6F 67 20 61 75 64 69 6F 20 67 61 69 6E 20 2D 36 0D 0A
68	Sound: Analog sound out (dB) = -5	set analog audio gain -5	73 65 74 20 61 6E 61 6C 6F 67 20 61 75 64 69 6F 20 67 61 69 6E 20 2D 35 0D 0A
69	Sound: Analog sound out (dB) = -4	set analog audio gain -4	73 65 74 20 61 6E 61 6C 6F 67 20 61 75 64 69 6F 20 67 61 69 6E 20 2D 34 0D 0A
70	Sound: Analog sound out (dB) = -3	set analog audio gain -3	73 65 74 20 61 6E 61 6C 6F 67 20 61 75 64 69 6F 20 67 61 69 6E 20 2D 33 0D 0A
71	Sound: Analog sound out (dB) = -2	set analog audio gain -2	73 65 74 20 61 6E 61 6C 6F 67 20 61 75 64 69 6F 20 67 61 69 6E 20 2D 32 0D 0A
72	Sound: Analog sound out (dB) = -1	set analog audio gain -1	73 65 74 20 61 6E 61 6C 6F 67 20 61 75 64 69 6F 20 67 61 69 6E 20 2D 31 0D 0A
73	Sound: Analog sound out (dB) = 0	set analog audio gain 0	73 65 74 20 61 6E 61 6C 6F 67 20 61 75 64 69 6F 20 67 61 69 6E 20 30 0D 0A
74	Sound: Mute the analog sound out on	set analog audio mute 1	73 65 74 20 61 6E 61 6C 6F 67 20 61 75 64 69 6F 20 6D 75 74 65 20 31 0D 0A
75	Sound: Mute the analog sound out off	set analog audio mute 0	73 65 74 20 61 6E 61 6C 6F 67 20 61 75 64 69 6F 20 6D 75 74 65 20 30 0D 0A
76	Power: Power On	power on	70 6F 77 65 72 20 6F 6E 0D 0A
77	Power: Power Standby	power off	70 6F 77 65 72 20 6F 66 66 0D 0A
78	Show: Keyboard, mouse and camera = Follow the screen's source	set usb switch mode 1	73 65 74 20 75 73 62 20 73 77 69 74 63 68 20 6D 6F 64 65 20 31 0D 0A
79	Show: Keyboard, mouse and camera = Choose below	set usb switch mode 2	73 65 74 20 75 73 62 20 73 77 69 74 63 68 20 6D 6F 64 65 20 32 0D 0A

80	Show: Keyboard, mouse and camera = The last one plugged in	`set usb switch mode 3`	`73 65 74 20 75 73 62 20 73 77 69 74 63 68 20 6D 6F 64 65 20 33 0D 0A`
81	Show: They go to = USB-C input 1	`set usb manual switch 1`	`73 65 74 20 75 73 62 20 6D 61 6E 75 61 6C 20 73 77 69 74 63 68 20 31 0D 0A`
82	Show: They go to = USB-C input 2	`set usb manual switch 2`	`73 65 74 20 75 73 62 20 6D 61 6E 75 61 6C 20 73 77 69 74 63 68 20 32 0D 0A`
83	Show: They go to = USB host 3	`set usb manual switch 3`	`73 65 74 20 75 73 62 20 6D 61 6E 75 61 6C 20 73 77 69 74 63 68 20 33 0D 0A`
84	Show: They go to = USB host 4	`set usb manual switch 4`	`73 65 74 20 75 73 62 20 6D 61 6E 75 61 6C 20 73 77 69 74 63 68 20 34 0D 0A`
85	USB: Keyboard, mouse and camera follow the source on = HDMI output 1	`set usb follow video 1`	`73 65 74 20 75 73 62 20 66 6F 6C 6C 6F 77 20 76 69 64 65 6F 20 31 0D 0A`
86	USB: Keyboard, mouse and camera follow the source on = HDMI output 2	`set usb follow video 2`	`73 65 74 20 75 73 62 20 66 6F 6C 6C 6F 77 20 76 69 64 65 6F 20 32 0D 0A`
87	Sound: Line out plays = HDMI output 1's sound	`set analog audio output 1`	`73 65 74 20 61 6E 61 6C 6F 67 20 61 75 64 69 6F 20 6F 75 74 70 75 74 20 31 0D 0A`
88	Sound: Line out plays = HDMI output 2's sound	`set analog audio output 2`	`73 65 74 20 61 6E 61 6C 6F 67 20 61 75 64 69 6F 20 6F 75 74 70 75 74 20 32 0D 0A`
89	Sound: Line out plays = USB audio	`set analog audio output 3`	`73 65 74 20 61 6E 61 6C 6F 67 20 61 75 64 69 6F 20 6F 75 74 70 75 74 20 33 0D 0A`
90	Sound: Line in (a microphone) goes into = Off	`set analog audio input 0`	`73 65 74 20 61 6E 61 6C 6F 67 20 61 75 64 69 6F 20 69 6E 70 75 74 20 30 0D 0A`
91	Sound: Line in (a microphone) goes into = USB-C input 1	`set analog audio input 1`	`73 65 74 20 61 6E 61 6C 6F 67 20 61 75 64 69 6F 20 69 6E 70 75 74 20 31 0D 0A`
92	Sound: Line in (a microphone) goes into = USB-C input 2	`set analog audio input 2`	`73 65 74 20 61 6E 61 6C 6F 67 20 61 75 64 69 6F 20 69 6E 70 75 74 20 32 0D 0A`
93	Sound: Line in (a microphone) goes into = HDMI input 3	`set analog audio input 3`	`73 65 74 20 61 6E 61 6C 6F 67 20 61 75 64 69 6F 20 69 6E 70 75 74 20 33 0D 0A`
94	Sound: Line in (a microphone) goes into = HDMI input 4	`set analog audio input 4`	`73 65 74 20 61 6E 61 6C 6F 67 20 61 75 64 69 6F 20 69 6E 70 75 74 20 34 0D 0A`
95	Sound: Line in to the laptop's USB audio on	`set analog audio input to usb 1`	`73 65 74 20 61 6E 61 6C 6F 67 20 61 75 64 69 6F 20 69 6E 70 75 74 20 74 6F 20 75 73 62 20 31 0D 0A`
96	Sound: Line in to the laptop's USB audio off	`set analog audio input to usb 0`	`73 65 74 20 61 6E 61 6C 6F 67 20 61 75 64 69 6F 20 69 6E 70 75 74 20 74 6F 20 75 73 62 20 30 0D 0A`
97	Inputs: USB-C input 1: EDID = Auto (both screens)	`set input 1 edid 1`	`73 65 74 20 69 6E 70 75 74 20 31 20 65 64 69 64 20 31 0D 0A`
98	Inputs: USB-C input 1: EDID = Copy HDMI output 1	`set input 1 edid 2`	`73 65 74 20 69 6E 70 75 74 20 31 20 65 64 69 64 20 32 0D 0A`
99	Inputs: USB-C input 1: EDID = Copy HDMI output 2	`set input 1 edid 3`	`73 65 74 20 69 6E 70 75 74 20 31 20 65 64 69 64 20 33 0D 0A`
100	Inputs: USB-C input 1: EDID = 4K60 4:4:4, 2ch PCM	`set input 1 edid 4`	`73 65 74 20 69 6E 70 75 74 20 31 20 65 64 69 64 20 34 0D 0A`
101	Inputs: USB-C input 1: EDID = 4K60 4:4:4, 5.1ch	`set input 1 edid 5`	`73 65 74 20 69 6E 70 75 74 20 31 20 65 64 69 64 20 35 0D 0A`
102	Inputs: USB-C input 1: EDID = 4K60 4:4:4, 7.1ch	`set input 1 edid 6`	`73 65 74 20 69 6E 70 75 74 20 31 20 65 64 69 64 20 36 0D 0A`

103	Inputs: USB-C input 1: EDID = 4K30 4:4:4, 2ch PCM	`set input 1 edid 7`	`73 65 74 20 69 6E 70 75 74 20 31 20 65 64 69 64 20 37 0D 0A`
104	Inputs: USB-C input 1: EDID = 4K30 4:4:4, 5.1ch	`set input 1 edid 8`	`73 65 74 20 69 6E 70 75 74 20 31 20 65 64 69 64 20 38 0D 0A`
105	Inputs: USB-C input 1: EDID = 4K30 4:4:4, 7.1ch	`set input 1 edid 9`	`73 65 74 20 69 6E 70 75 74 20 31 20 65 64 69 64 20 39 0D 0A`
106	Inputs: USB-C input 1: EDID = 1080p60 4:4:4, 2ch PCM	`set input 1 edid 10`	`73 65 74 20 69 6E 70 75 74 20 31 20 65 64 69 64 20 31 30 0D 0A`
107	Inputs: USB-C input 1: EDID = 1080p60 4:4:4, 5.1ch	`set input 1 edid 11`	`73 65 74 20 69 6E 70 75 74 20 31 20 65 64 69 64 20 31 31 0D 0A`
108	Inputs: USB-C input 1: EDID = 1080p60 4:4:4, 7.1ch	`set input 1 edid 12`	`73 65 74 20 69 6E 70 75 74 20 31 20 65 64 69 64 20 31 32 0D 0A`
109	Inputs: USB-C input 1: EDID = 720p60, 2ch PCM	`set input 1 edid 13`	`73 65 74 20 69 6E 70 75 74 20 31 20 65 64 69 64 20 31 33 0D 0A`
110	Inputs: USB-C input 1: EDID = 1920x1200	`set input 1 edid 14`	`73 65 74 20 69 6E 70 75 74 20 31 20 65 64 69 64 20 31 34 0D 0A`
111	Inputs: USB-C input 1: EDID = 1680x1050	`set input 1 edid 15`	`73 65 74 20 69 6E 70 75 74 20 31 20 65 64 69 64 20 31 35 0D 0A`
112	Inputs: USB-C input 1: EDID = 1600x1200	`set input 1 edid 16`	`73 65 74 20 69 6E 70 75 74 20 31 20 65 64 69 64 20 31 36 0D 0A`
113	Inputs: USB-C input 1: EDID = 1440x900	`set input 1 edid 17`	`73 65 74 20 69 6E 70 75 74 20 31 20 65 64 69 64 20 31 37 0D 0A`
114	Inputs: USB-C input 1: EDID = 1360x768	`set input 1 edid 18`	`73 65 74 20 69 6E 70 75 74 20 31 20 65 64 69 64 20 31 38 0D 0A`
115	Inputs: USB-C input 1: EDID = 1280x1024	`set input 1 edid 19`	`73 65 74 20 69 6E 70 75 74 20 31 20 65 64 69 64 20 31 39 0D 0A`
116	Inputs: USB-C input 1: EDID = 1024x768	`set input 1 edid 20`	`73 65 74 20 69 6E 70 75 74 20 31 20 65 64 69 64 20 32 30 0D 0A`
117	Inputs: USB-C input 1: EDID = Your own 1	`set input 1 edid 21`	`73 65 74 20 69 6E 70 75 74 20 31 20 65 64 69 64 20 32 31 0D 0A`
118	Inputs: USB-C input 1: EDID = Your own 2	`set input 1 edid 22`	`73 65 74 20 69 6E 70 75 74 20 31 20 65 64 69 64 20 32 32 0D 0A`
119	Inputs: USB-C input 2: EDID = Auto (both screens)	`set input 2 edid 1`	`73 65 74 20 69 6E 70 75 74 20 32 20 65 64 69 64 20 31 0D 0A`
120	Inputs: USB-C input 2: EDID = Copy HDMI output 1	`set input 2 edid 2`	`73 65 74 20 69 6E 70 75 74 20 32 20 65 64 69 64 20 32 0D 0A`
121	Inputs: USB-C input 2: EDID = Copy HDMI output 2	`set input 2 edid 3`	`73 65 74 20 69 6E 70 75 74 20 32 20 65 64 69 64 20 33 0D 0A`
122	Inputs: USB-C input 2: EDID = 4K60 4:4:4, 2ch PCM	`set input 2 edid 4`	`73 65 74 20 69 6E 70 75 74 20 32 20 65 64 69 64 20 34 0D 0A`
123	Inputs: USB-C input 2: EDID = 4K60 4:4:4, 5.1ch	`set input 2 edid 5`	`73 65 74 20 69 6E 70 75 74 20 32 20 65 64 69 64 20 35 0D 0A`
124	Inputs: USB-C input 2: EDID = 4K60 4:4:4, 7.1ch	`set input 2 edid 6`	`73 65 74 20 69 6E 70 75 74 20 32 20 65 64 69 64 20 36 0D 0A`
125	Inputs: USB-C input 2: EDID = 4K30 4:4:4, 2ch PCM	`set input 2 edid 7`	`73 65 74 20 69 6E 70 75 74 20 32 20 65 64 69 64 20 37 0D 0A`
126	Inputs: USB-C input 2: EDID = 4K30 4:4:4, 5.1ch	`set input 2 edid 8`	`73 65 74 20 69 6E 70 75 74 20 32 20 65 64 69 64 20 38 0D 0A`

127	Inputs: USB-C input 2: EDID = 4K30 4:4:4, 7.1ch	`set input 2 edid 9`	`73 65 74 20 69 6E 70 75 74 20 32 20 65 64 69 64 20 39 0D 0A`
128	Inputs: USB-C input 2: EDID = 1080p60 4:4:4, 2ch PCM	`set input 2 edid 10`	`73 65 74 20 69 6E 70 75 74 20 32 20 65 64 69 64 20 31 30 0D 0A`
129	Inputs: USB-C input 2: EDID = 1080p60 4:4:4, 5.1ch	`set input 2 edid 11`	`73 65 74 20 69 6E 70 75 74 20 32 20 65 64 69 64 20 31 31 0D 0A`
130	Inputs: USB-C input 2: EDID = 1080p60 4:4:4, 7.1ch	`set input 2 edid 12`	`73 65 74 20 69 6E 70 75 74 20 32 20 65 64 69 64 20 31 32 0D 0A`
131	Inputs: USB-C input 2: EDID = 720p60, 2ch PCM	`set input 2 edid 13`	`73 65 74 20 69 6E 70 75 74 20 32 20 65 64 69 64 20 31 33 0D 0A`
132	Inputs: USB-C input 2: EDID = 1920x1200	`set input 2 edid 14`	`73 65 74 20 69 6E 70 75 74 20 32 20 65 64 69 64 20 31 34 0D 0A`
133	Inputs: USB-C input 2: EDID = 1680x1050	`set input 2 edid 15`	`73 65 74 20 69 6E 70 75 74 20 32 20 65 64 69 64 20 31 35 0D 0A`
134	Inputs: USB-C input 2: EDID = 1600x1200	`set input 2 edid 16`	`73 65 74 20 69 6E 70 75 74 20 32 20 65 64 69 64 20 31 36 0D 0A`
135	Inputs: USB-C input 2: EDID = 1440x900	`set input 2 edid 17`	`73 65 74 20 69 6E 70 75 74 20 32 20 65 64 69 64 20 31 37 0D 0A`
136	Inputs: USB-C input 2: EDID = 1360x768	`set input 2 edid 18`	`73 65 74 20 69 6E 70 75 74 20 32 20 65 64 69 64 20 31 38 0D 0A`
137	Inputs: USB-C input 2: EDID = 1280x1024	`set input 2 edid 19`	`73 65 74 20 69 6E 70 75 74 20 32 20 65 64 69 64 20 31 39 0D 0A`
138	Inputs: USB-C input 2: EDID = 1024x768	`set input 2 edid 20`	`73 65 74 20 69 6E 70 75 74 20 32 20 65 64 69 64 20 32 30 0D 0A`
139	Inputs: USB-C input 2: EDID = Your own 1	`set input 2 edid 21`	`73 65 74 20 69 6E 70 75 74 20 32 20 65 64 69 64 20 32 31 0D 0A`
140	Inputs: USB-C input 2: EDID = Your own 2	`set input 2 edid 22`	`73 65 74 20 69 6E 70 75 74 20 32 20 65 64 69 64 20 32 32 0D 0A`
141	Inputs: HDMI input 3: EDID = Auto (both screens)	`set input 3 edid 1`	`73 65 74 20 69 6E 70 75 74 20 33 20 65 64 69 64 20 31 0D 0A`
142	Inputs: HDMI input 3: EDID = Copy HDMI output 1	`set input 3 edid 2`	`73 65 74 20 69 6E 70 75 74 20 33 20 65 64 69 64 20 32 0D 0A`
143	Inputs: HDMI input 3: EDID = Copy HDMI output 2	`set input 3 edid 3`	`73 65 74 20 69 6E 70 75 74 20 33 20 65 64 69 64 20 33 0D 0A`
144	Inputs: HDMI input 3: EDID = 4K60 4:4:4, 2ch PCM	`set input 3 edid 4`	`73 65 74 20 69 6E 70 75 74 20 33 20 65 64 69 64 20 34 0D 0A`
145	Inputs: HDMI input 3: EDID = 4K60 4:4:4, 5.1ch	`set input 3 edid 5`	`73 65 74 20 69 6E 70 75 74 20 33 20 65 64 69 64 20 35 0D 0A`
146	Inputs: HDMI input 3: EDID = 4K60 4:4:4, 7.1ch	`set input 3 edid 6`	`73 65 74 20 69 6E 70 75 74 20 33 20 65 64 69 64 20 36 0D 0A`
147	Inputs: HDMI input 3: EDID = 4K30 4:4:4, 2ch PCM	`set input 3 edid 7`	`73 65 74 20 69 6E 70 75 74 20 33 20 65 64 69 64 20 37 0D 0A`
148	Inputs: HDMI input 3: EDID = 4K30 4:4:4, 5.1ch	`set input 3 edid 8`	`73 65 74 20 69 6E 70 75 74 20 33 20 65 64 69 64 20 38 0D 0A`
149	Inputs: HDMI input 3: EDID = 4K30 4:4:4, 7.1ch	`set input 3 edid 9`	`73 65 74 20 69 6E 70 75 74 20 33 20 65 64 69 64 20 39 0D 0A`
150	Inputs: HDMI input 3: EDID = 1080p60 4:4:4, 2ch PCM	`set input 3 edid 10`	`73 65 74 20 69 6E 70 75 74 20 33 20 65 64 69 64 20 31 30 0D 0A`

151	Inputs: HDMI input 3: EDID = 1080p60 4:4:4, 5.1ch	set input 3 edid 11	73 65 74 20 69 6E 70 75 74 20 33 20 65 64 69 64 20 31 31 0D 0A
152	Inputs: HDMI input 3: EDID = 1080p60 4:4:4, 7.1ch	set input 3 edid 12	73 65 74 20 69 6E 70 75 74 20 33 20 65 64 69 64 20 31 32 0D 0A
153	Inputs: HDMI input 3: EDID = 720p60, 2ch PCM	set input 3 edid 13	73 65 74 20 69 6E 70 75 74 20 33 20 65 64 69 64 20 31 33 0D 0A
154	Inputs: HDMI input 3: EDID = 1920x1200	set input 3 edid 14	73 65 74 20 69 6E 70 75 74 20 33 20 65 64 69 64 20 31 34 0D 0A
155	Inputs: HDMI input 3: EDID = 1680x1050	set input 3 edid 15	73 65 74 20 69 6E 70 75 74 20 33 20 65 64 69 64 20 31 35 0D 0A
156	Inputs: HDMI input 3: EDID = 1600x1200	set input 3 edid 16	73 65 74 20 69 6E 70 75 74 20 33 20 65 64 69 64 20 31 36 0D 0A
157	Inputs: HDMI input 3: EDID = 1440x900	set input 3 edid 17	73 65 74 20 69 6E 70 75 74 20 33 20 65 64 69 64 20 31 37 0D 0A
158	Inputs: HDMI input 3: EDID = 1360x768	set input 3 edid 18	73 65 74 20 69 6E 70 75 74 20 33 20 65 64 69 64 20 31 38 0D 0A
159	Inputs: HDMI input 3: EDID = 1280x1024	set input 3 edid 19	73 65 74 20 69 6E 70 75 74 20 33 20 65 64 69 64 20 31 39 0D 0A
160	Inputs: HDMI input 3: EDID = 1024x768	set input 3 edid 20	73 65 74 20 69 6E 70 75 74 20 33 20 65 64 69 64 20 32 30 0D 0A
161	Inputs: HDMI input 3: EDID = Your own 1	set input 3 edid 21	73 65 74 20 69 6E 70 75 74 20 33 20 65 64 69 64 20 32 31 0D 0A
162	Inputs: HDMI input 3: EDID = Your own 2	set input 3 edid 22	73 65 74 20 69 6E 70 75 74 20 33 20 65 64 69 64 20 32 32 0D 0A
163	Inputs: HDMI input 4: EDID = Auto (both screens)	set input 4 edid 1	73 65 74 20 69 6E 70 75 74 20 34 20 65 64 69 64 20 31 0D 0A
164	Inputs: HDMI input 4: EDID = Copy HDMI output 1	set input 4 edid 2	73 65 74 20 69 6E 70 75 74 20 34 20 65 64 69 64 20 32 0D 0A
165	Inputs: HDMI input 4: EDID = Copy HDMI output 2	set input 4 edid 3	73 65 74 20 69 6E 70 75 74 20 34 20 65 64 69 64 20 33 0D 0A
166	Inputs: HDMI input 4: EDID = 4K60 4:4:4, 2ch PCM	set input 4 edid 4	73 65 74 20 69 6E 70 75 74 20 34 20 65 64 69 64 20 34 0D 0A
167	Inputs: HDMI input 4: EDID = 4K60 4:4:4, 5.1ch	set input 4 edid 5	73 65 74 20 69 6E 70 75 74 20 34 20 65 64 69 64 20 35 0D 0A
168	Inputs: HDMI input 4: EDID = 4K60 4:4:4, 7.1ch	set input 4 edid 6	73 65 74 20 69 6E 70 75 74 20 34 20 65 64 69 64 20 36 0D 0A
169	Inputs: HDMI input 4: EDID = 4K30 4:4:4, 2ch PCM	set input 4 edid 7	73 65 74 20 69 6E 70 75 74 20 34 20 65 64 69 64 20 37 0D 0A
170	Inputs: HDMI input 4: EDID = 4K30 4:4:4, 5.1ch	set input 4 edid 8	73 65 74 20 69 6E 70 75 74 20 34 20 65 64 69 64 20 38 0D 0A
171	Inputs: HDMI input 4: EDID = 4K30 4:4:4, 7.1ch	set input 4 edid 9	73 65 74 20 69 6E 70 75 74 20 34 20 65 64 69 64 20 39 0D 0A
172	Inputs: HDMI input 4: EDID = 1080p60 4:4:4, 2ch PCM	set input 4 edid 10	73 65 74 20 69 6E 70 75 74 20 34 20 65 64 69 64 20 31 30 0D 0A
173	Inputs: HDMI input 4: EDID = 1080p60 4:4:4, 5.1ch	set input 4 edid 11	73 65 74 20 69 6E 70 75 74 20 34 20 65 64 69 64 20 31 31 0D 0A
174	Inputs: HDMI input 4: EDID = 1080p60 4:4:4, 7.1ch	set input 4 edid 12	73 65 74 20 69 6E 70 75 74 20 34 20 65 64 69 64 20 31 32 0D 0A

175	Inputs: HDMI input 4: EDID = 720p60, 2ch PCM	set input 4 edid 13	73 65 74 20 69 6E 70 75 74 20 34 20 65 64 69 64 20 31 33 0D 0A
176	Inputs: HDMI input 4: EDID = 1920x1200	set input 4 edid 14	73 65 74 20 69 6E 70 75 74 20 34 20 65 64 69 64 20 31 34 0D 0A
177	Inputs: HDMI input 4: EDID = 1680x1050	set input 4 edid 15	73 65 74 20 69 6E 70 75 74 20 34 20 65 64 69 64 20 31 35 0D 0A
178	Inputs: HDMI input 4: EDID = 1600x1200	set input 4 edid 16	73 65 74 20 69 6E 70 75 74 20 34 20 65 64 69 64 20 31 36 0D 0A
179	Inputs: HDMI input 4: EDID = 1440x900	set input 4 edid 17	73 65 74 20 69 6E 70 75 74 20 34 20 65 64 69 64 20 31 37 0D 0A
180	Inputs: HDMI input 4: EDID = 1360x768	set input 4 edid 18	73 65 74 20 69 6E 70 75 74 20 34 20 65 64 69 64 20 31 38 0D 0A
181	Inputs: HDMI input 4: EDID = 1280x1024	set input 4 edid 19	73 65 74 20 69 6E 70 75 74 20 34 20 65 64 69 64 20 31 39 0D 0A
182	Inputs: HDMI input 4: EDID = 1024x768	set input 4 edid 20	73 65 74 20 69 6E 70 75 74 20 34 20 65 64 69 64 20 32 30 0D 0A
183	Inputs: HDMI input 4: EDID = Your own 1	set input 4 edid 21	73 65 74 20 69 6E 70 75 74 20 34 20 65 64 69 64 20 32 31 0D 0A
184	Inputs: HDMI input 4: EDID = Your own 2	set input 4 edid 22	73 65 74 20 69 6E 70 75 74 20 34 20 65 64 69 64 20 32 32 0D 0A
185	Inputs: USB-C input 1: HDCP on	set input 1 hdcp 1	73 65 74 20 69 6E 70 75 74 20 31 20 68 64 63 70 20 31 0D 0A
186	Inputs: USB-C input 1: HDCP off	set input 1 hdcp 0	73 65 74 20 69 6E 70 75 74 20 31 20 68 64 63 70 20 30 0D 0A
187	Inputs: USB-C input 2: HDCP on	set input 2 hdcp 1	73 65 74 20 69 6E 70 75 74 20 32 20 68 64 63 70 20 31 0D 0A
188	Inputs: USB-C input 2: HDCP off	set input 2 hdcp 0	73 65 74 20 69 6E 70 75 74 20 32 20 68 64 63 70 20 30 0D 0A
189	Inputs: HDMI input 3: HDCP on	set input 3 hdcp 1	73 65 74 20 69 6E 70 75 74 20 33 20 68 64 63 70 20 31 0D 0A
190	Inputs: HDMI input 3: HDCP off	set input 3 hdcp 0	73 65 74 20 69 6E 70 75 74 20 33 20 68 64 63 70 20 30 0D 0A
191	Inputs: HDMI input 4: HDCP on	set input 4 hdcp 1	73 65 74 20 69 6E 70 75 74 20 34 20 68 64 63 70 20 31 0D 0A
192	Inputs: HDMI input 4: HDCP off	set input 4 hdcp 0	73 65 74 20 69 6E 70 75 74 20 34 20 68 64 63 70 20 30 0D 0A
193	Outputs: HDMI output 1: HDCP = Follow the screen	set output 1 hdcp 1	73 65 74 20 6F 75 74 70 75 74 20 31 20 68 64 63 70 20 31 0D 0A
194	Outputs: HDMI output 1: HDCP = Always HDCP 1.4	set output 1 hdcp 2	73 65 74 20 6F 75 74 70 75 74 20 31 20 68 64 63 70 20 32 0D 0A
195	Outputs: HDMI output 1: HDCP = Always HDCP 2.2	set output 1 hdcp 3	73 65 74 20 6F 75 74 70 75 74 20 31 20 68 64 63 70 20 33 0D 0A
196	Outputs: HDMI output 1: HDCP = Signal management	set output 1 hdcp 4	73 65 74 20 6F 75 74 70 75 74 20 31 20 68 64 63 70 20 34 0D 0A
197	Outputs: HDMI output 2: HDCP = Follow the screen	set output 2 hdcp 1	73 65 74 20 6F 75 74 70 75 74 20 32 20 68 64 63 70 20 31 0D 0A
198	Outputs: HDMI output 2: HDCP = Always HDCP 1.4	set output 2 hdcp 2	73 65 74 20 6F 75 74 70 75 74 20 32 20 68 64 63 70 20 32 0D 0A

199	Outputs: HDMI output 2: HDCP = Always HDCP 2.2	`set output 2 hdcp 3`	`73 65 74 20 6F 75 74 70 75 74 20 32 20 68 64 63 70 20 33 0D 0A`
200	Outputs: HDMI output 2: HDCP = Signal management	`set output 2 hdcp 4`	`73 65 74 20 6F 75 74 70 75 74 20 32 20 68 64 63 70 20 34 0D 0A`
201	Outputs: HDMI output 1: Picture size = Auto (fit the screen)	`set output 1 video 1`	`73 65 74 20 6F 75 74 70 75 74 20 31 20 76 69 64 65 6F 20 31 0D 0A`
202	Outputs: HDMI output 1: Picture size = Pass through	`set output 1 video 2`	`73 65 74 20 6F 75 74 70 75 74 20 31 20 76 69 64 65 6F 20 32 0D 0A`
203	Outputs: HDMI output 1: Picture size = Always 1080p	`set output 1 video 3`	`73 65 74 20 6F 75 74 70 75 74 20 31 20 76 69 64 65 6F 20 33 0D 0A`
204	Outputs: HDMI output 1: Picture size = Test pattern	`set output 1 video 4`	`73 65 74 20 6F 75 74 70 75 74 20 31 20 76 69 64 65 6F 20 34 0D 0A`
205	Outputs: HDMI output 2: Picture size = Auto (fit the screen)	`set output 2 video 1`	`73 65 74 20 6F 75 74 70 75 74 20 32 20 76 69 64 65 6F 20 31 0D 0A`
206	Outputs: HDMI output 2: Picture size = Pass through	`set output 2 video 2`	`73 65 74 20 6F 75 74 70 75 74 20 32 20 76 69 64 65 6F 20 32 0D 0A`
207	Outputs: HDMI output 2: Picture size = Always 1080p	`set output 2 video 3`	`73 65 74 20 6F 75 74 70 75 74 20 32 20 76 69 64 65 6F 20 33 0D 0A`
208	Outputs: HDMI output 2: Picture size = Test pattern	`set output 2 video 4`	`73 65 74 20 6F 75 74 70 75 74 20 32 20 76 69 64 65 6F 20 34 0D 0A`
209	Outputs: Welcome screen on	`set welcome screen 1`	`73 65 74 20 77 65 6C 63 6F 6D 65 20 73 63 72 65 65 6E 20 31 0D 0A`
210	Outputs: Welcome screen off	`set welcome screen 0`	`73 65 74 20 77 65 6C 63 6F 6D 65 20 73 63 72 65 65 6E 20 30 0D 0A`
211	Outputs: Welcome screen after 60 s with no source on	`set no signal screen 1`	`73 65 74 20 6E 6F 20 73 69 67 6E 61 6C 20 73 63 72 65 65 6E 20 31 0D 0A`
212	Outputs: Welcome screen after 60 s with no source off	`set no signal screen 0`	`73 65 74 20 6E 6F 20 73 69 67 6E 61 6C 20 73 63 72 65 65 6E 20 30 0D 0A`
213	Switching: Notice a new source by = Its picture	`set output auto switch mode 1`	`73 65 74 20 6F 75 74 70 75 74 20 61 75 74 6F 20 73 77 69 74 63 68 20 6D 6F 64 65 20 31 0D 0A`
214	Switching: Notice a new source by = 5 V on the cable	`set output auto switch mode 2`	`73 65 74 20 6F 75 74 70 75 74 20 61 75 74 6F 20 73 77 69 74 63 68 20 6D 6F 64 65 20 32 0D 0A`
215	Switching: HDMI output 1: When its source goes away, show = Next input	`set output 1 fallback input 1`	`73 65 74 20 6F 75 74 70 75 74 20 31 20 66 61 6C 6C 62 61 63 6B 20 69 6E 70 75 74 20 31 0D 0A`
216	Switching: HDMI output 1: When its source goes away, show = Previous input	`set output 1 fallback input 2`	`73 65 74 20 6F 75 74 70 75 74 20 31 20 66 61 6C 6C 62 61 63 6B 20 69 6E 70 75 74 20 32 0D 0A`
217	Switching: HDMI output 1: When its source goes away, show = USB-C input 1	`set output 1 fallback input 3`	`73 65 74 20 6F 75 74 70 75 74 20 31 20 66 61 6C 6C 62 61 63 6B 20 69 6E 70 75 74 20 33 0D 0A`
218	Switching: HDMI output 1: When its source goes away, show = USB-C input 2	`set output 1 fallback input 4`	`73 65 74 20 6F 75 74 70 75 74 20 31 20 66 61 6C 6C 62 61 63 6B 20 69 6E 70 75 74 20 34 0D 0A`
219	Switching: HDMI output 1: When its source goes away, show = HDMI input 3	`set output 1 fallback input 5`	`73 65 74 20 6F 75 74 70 75 74 20 31 20 66 61 6C 6C 62 61 63 6B 20 69 6E 70 75 74 20 35 0D 0A`

220	Switching: HDMI output 1: When its source goes away, show = HDMI input 4	`set output 1 fallback input 6`	`73 65 74 20 6F 75 74 70 75 74 20 31 20 66 61 6C 6C 62 61 63 6B 20 69 6E 70 75 74 20 36 0D 0A`
221	Switching: HDMI output 2: When its source goes away, show = Next input	`set output 2 fallback input 1`	`73 65 74 20 6F 75 74 70 75 74 20 32 20 66 61 6C 6C 62 61 63 6B 20 69 6E 70 75 74 20 31 0D 0A`
222	Switching: HDMI output 2: When its source goes away, show = Previous input	`set output 2 fallback input 2`	`73 65 74 20 6F 75 74 70 75 74 20 32 20 66 61 6C 6C 62 61 63 6B 20 69 6E 70 75 74 20 32 0D 0A`
223	Switching: HDMI output 2: When its source goes away, show = USB-C input 1	`set output 2 fallback input 3`	`73 65 74 20 6F 75 74 70 75 74 20 32 20 66 61 6C 6C 62 61 63 6B 20 69 6E 70 75 74 20 33 0D 0A`
224	Switching: HDMI output 2: When its source goes away, show = USB-C input 2	`set output 2 fallback input 4`	`73 65 74 20 6F 75 74 70 75 74 20 32 20 66 61 6C 6C 62 61 63 6B 20 69 6E 70 75 74 20 34 0D 0A`
225	Switching: HDMI output 2: When its source goes away, show = HDMI input 3	`set output 2 fallback input 5`	`73 65 74 20 6F 75 74 70 75 74 20 32 20 66 61 6C 6C 62 61 63 6B 20 69 6E 70 75 74 20 35 0D 0A`
226	Switching: HDMI output 2: When its source goes away, show = HDMI input 4	`set output 2 fallback input 6`	`73 65 74 20 6F 75 74 70 75 74 20 32 20 66 61 6C 6C 62 61 63 6B 20 69 6E 70 75 74 20 36 0D 0A`
227	Switching: Go to standby with no source after = Never	`set auto standby time 0`	`73 65 74 20 61 75 74 6F 20 73 74 61 6E 64 62 79 20 74 69 6D 65 20 30 0D 0A`
228	Switching: Go to standby with no source after = 5 min	`set auto standby time 1`	`73 65 74 20 61 75 74 6F 20 73 74 61 6E 64 62 79 20 74 69 6D 65 20 31 0D 0A`
229	Switching: Go to standby with no source after = 10 min	`set auto standby time 2`	`73 65 74 20 61 75 74 6F 20 73 74 61 6E 64 62 79 20 74 69 6D 65 20 32 0D 0A`
230	Switching: Go to standby with no source after = 15 min	`set auto standby time 3`	`73 65 74 20 61 75 74 6F 20 73 74 61 6E 64 62 79 20 74 69 6D 65 20 33 0D 0A`
231	Switching: Go to standby with no source after = 30 min	`set auto standby time 4`	`73 65 74 20 61 75 74 6F 20 73 74 61 6E 64 62 79 20 74 69 6D 65 20 34 0D 0A`
232	Switching: Go to standby with no source after = 60 min	`set auto standby time 5`	`73 65 74 20 61 75 74 6F 20 73 74 61 6E 64 62 79 20 74 69 6D 65 20 35 0D 0A`
233	Switching: Lock the front buttons (on = locked) on	`set front button 1`	`73 65 74 20 66 72 6F 6E 74 20 62 75 74 74 6F 6E 20 31 0D 0A`
234	Switching: Lock the front buttons (on = locked) off	`set front button 0`	`73 65 74 20 66 72 6F 6E 74 20 62 75 74 74 6F 6E 20 30 0D 0A`
235	Switching: HDMI power saving on	`set hdmi power saving 1`	`73 65 74 20 68 64 6D 69 20 70 6F 77 65 72 20 73 61 76 69 6E 67 20 31 0D 0A`
236	Switching: HDMI power saving off	`set hdmi power saving 0`	`73 65 74 20 68 64 6D 69 20 70 6F 77 65 72 20 73 61 76 69 6E 67 20 30 0D 0A`
237	Screens on and off: HDMI output 1: Turn on and off with the switch on	`set display 1 auto power feature 1`	`73 65 74 20 64 69 73 70 6C 61 79 20 31 20 61 75 74 6F 20 70 6F 77 65 72 20 66 65 61 74 75 72 65 20 31 0D 0A`
238	Screens on and off: HDMI output 1: Turn on and off with the switch off	`set display 1 auto power feature 0`	`73 65 74 20 64 69 73 70 6C 61 79 20 31 20 61 75 74 6F 20 70 6F 77 65 72 20 66 65 61 74 75 72 65 20 30 0D 0A`
239	Screens on and off: HDMI output 2: Turn on and off with the switch on	`set display 2 auto power feature 1`	`73 65 74 20 64 69 73 70 6C 61 79 20 32 20 61 75 74 6F 20 70 6F 77 65 72 20 66 65 61 74 75 72 65 20 31 0D 0A`

240	**Screens on and off: HDMI output 2: Turn on and off with the switch off**	`set display 2 auto power feature 0`	`73 65 74 20 64 69 73 70 6C 61 79 20 32 20 61 75 74 6F 20 70 6F 77 65 72 20 66 65 61 74 75 72 65 20 30 0D 0A`
241	**Screens on and off: HDMI output 1: On after (s) = {level} (0 to 1200)**	`set display 1 auto power on timer {level}`	`the level in place of {level}`
242	**Screens on and off: HDMI output 1: On after (s) = 0**	`set display 1 auto power on timer 0`	`73 65 74 20 64 69 73 70 6C 61 79 20 31 20 61 75 74 6F 20 70 6F 77 65 72 20 6F 6E 20 74 69 6D 65 72 20 30 0D 0A`
243	**Screens on and off: HDMI output 1: On after (s) = 600**	`set display 1 auto power on timer 600`	`73 65 74 20 64 69 73 70 6C 61 79 20 31 20 61 75 74 6F 20 70 6F 77 65 72 20 6F 6E 20 74 69 6D 65 72 20 36 30 30 0D 0A`
244	**Screens on and off: HDMI output 1: On after (s) = 1200**	`set display 1 auto power on timer 1200`	`73 65 74 20 64 69 73 70 6C 61 79 20 31 20 61 75 74 6F 20 70 6F 77 65 72 20 6F 6E 20 74 69 6D 65 72 20 31 32 30 30 0D 0A`
245	**Screens on and off: HDMI output 2: On after (s) = {level} (0 to 1200)**	`set display 2 auto power on timer {level}`	`the level in place of {level}`
246	**Screens on and off: HDMI output 2: On after (s) = 0**	`set display 2 auto power on timer 0`	`73 65 74 20 64 69 73 70 6C 61 79 20 32 20 61 75 74 6F 20 70 6F 77 65 72 20 6F 6E 20 74 69 6D 65 72 20 30 0D 0A`
247	**Screens on and off: HDMI output 2: On after (s) = 600**	`set display 2 auto power on timer 600`	`73 65 74 20 64 69 73 70 6C 61 79 20 32 20 61 75 74 6F 20 70 6F 77 65 72 20 6F 6E 20 74 69 6D 65 72 20 36 30 30 0D 0A`
248	**Screens on and off: HDMI output 2: On after (s) = 1200**	`set display 2 auto power on timer 1200`	`73 65 74 20 64 69 73 70 6C 61 79 20 32 20 61 75 74 6F 20 70 6F 77 65 72 20 6F 6E 20 74 69 6D 65 72 20 31 32 30 30 0D 0A`
249	**Screens on and off: HDMI output 1: Off after (s) = {level} (0 to 1200)**	`set display 1 auto power off timer {level}`	`the level in place of {level}`
250	**Screens on and off: HDMI output 1: Off after (s) = 0**	`set display 1 auto power off timer 0`	`73 65 74 20 64 69 73 70 6C 61 79 20 31 20 61 75 74 6F 20 70 6F 77 65 72 20 6F 66 66 20 74 69 6D 65 72 20 30 0D 0A`
251	**Screens on and off: HDMI output 1: Off after (s) = 600**	`set display 1 auto power off timer 600`	`73 65 74 20 64 69 73 70 6C 61 79 20 31 20 61 75 74 6F 20 70 6F 77 65 72 20 6F 66 66 20 74 69 6D 65 72 20 36 30 30 0D 0A`
252	**Screens on and off: HDMI output 1: Off after (s) = 1200**	`set display 1 auto power off timer 1200`	`73 65 74 20 64 69 73 70 6C 61 79 20 31 20 61 75 74 6F 20 70 6F 77 65 72 20 6F 66 66 20 74 69 6D 65 72 20 31 32 30 30 0D 0A`
253	**Screens on and off: HDMI output 2: Off after (s) = {level} (0 to 1200)**	`set display 2 auto power off timer {level}`	`the level in place of {level}`
254	**Screens on and off: HDMI output 2: Off after (s) = 0**	`set display 2 auto power off timer 0`	`73 65 74 20 64 69 73 70 6C 61 79 20 32 20 61 75 74 6F 20 70 6F 77 65 72 20 6F 66 66 20 74 69 6D 65 72 20 30 0D 0A`
255	**Screens on and off: HDMI output 2: Off after (s) = 600**	`set display 2 auto power off timer 600`	`73 65 74 20 64 69 73 70 6C 61 79 20 32 20 61 75 74 6F 20 70 6F 77 65 72 20 6F 66 66 20 74 69 6D 65 72 20 36 30 30 0D 0A`
256	**Screens on and off: HDMI output 2: Off after (s) = 1200**	`set display 2 auto power off timer 1200`	`73 65 74 20 64 69 73 70 6C 61 79 20 32 20 61 75 74 6F 20 70 6F 77 65 72 20 6F 66 66 20 74 69 6D 65 72 20 31 32 30 30 0D 0A`
257	**Screens on and off: HDMI output 1: How = CEC**	`set display 1 control type 100`	`73 65 74 20 64 69 73 70 6C 61 79 20 31 20 63 6F 6E 74 72 6F 6C 20 74 79 70 65 20 31 30 30 0D 0A`

258	Screens on and off: HDMI output 1: How = IR	set display 1 control type 010	73 65 74 20 64 69 73 70 6C 61 79 20 31 20 63 6F 6E 74 72 6F 6C 20 74 79 70 65 20 30 31 30 0D 0A
259	Screens on and off: HDMI output 1: How = RS-232	set display 1 control type 001	73 65 74 20 64 69 73 70 6C 61 79 20 31 20 63 6F 6E 74 72 6F 6C 20 74 79 70 65 20 30 30 31 0D 0A
260	Screens on and off: HDMI output 2: How = CEC	set display 2 control type 100	73 65 74 20 64 69 73 70 6C 61 79 20 32 20 63 6F 6E 74 72 6F 6C 20 74 79 70 65 20 31 30 30 0D 0A
261	Screens on and off: HDMI output 2: How = IR	set display 2 control type 010	73 65 74 20 64 69 73 70 6C 61 79 20 32 20 63 6F 6E 74 72 6F 6C 20 74 79 70 65 20 30 31 30 0D 0A
262	Screens on and off: HDMI output 2: How = RS-232	set display 2 control type 001	73 65 74 20 64 69 73 70 6C 61 79 20 32 20 63 6F 6E 74 72 6F 6C 20 74 79 70 65 20 30 30 31 0D 0A
263	Screens on and off: HDMI output 1: The front Display button works on	set display 1 button 1	73 65 74 20 64 69 73 70 6C 61 79 20 31 20 62 75 74 74 6F 6E 20 31 0D 0A
264	Screens on and off: HDMI output 1: The front Display button works off	set display 1 button 0	73 65 74 20 64 69 73 70 6C 61 79 20 31 20 62 75 74 74 6F 6E 20 30 0D 0A
265	Screens on and off: HDMI output 2: The front Display button works on	set display 2 button 1	73 65 74 20 64 69 73 70 6C 61 79 20 32 20 62 75 74 74 6F 6E 20 31 0D 0A
266	Screens on and off: HDMI output 2: The front Display button works off	set display 2 button 0	73 65 74 20 64 69 73 70 6C 61 79 20 32 20 62 75 74 74 6F 6E 20 30 0D 0A
267	USB: USB device 1: USB device ports' power = Follow the host	set usb device 1 power 1	73 65 74 20 75 73 62 20 64 65 76 69 63 65 20 31 20 70 6F 77 65 72 20 31 0D 0A
268	USB: USB device 1: USB device ports' power = Always on (5 V)	set usb device 1 power 2	73 65 74 20 75 73 62 20 64 65 76 69 63 65 20 31 20 70 6F 77 65 72 20 32 0D 0A
269	USB: USB device 1: USB device ports' power = Off	set usb device 1 power 3	73 65 74 20 75 73 62 20 64 65 76 69 63 65 20 31 20 70 6F 77 65 72 20 33 0D 0A
270	USB: USB device 2: USB device ports' power = Follow the host	set usb device 2 power 1	73 65 74 20 75 73 62 20 64 65 76 69 63 65 20 32 20 70 6F 77 65 72 20 31 0D 0A
271	USB: USB device 2: USB device ports' power = Always on (5 V)	set usb device 2 power 2	73 65 74 20 75 73 62 20 64 65 76 69 63 65 20 32 20 70 6F 77 65 72 20 32 0D 0A
272	USB: USB device 2: USB device ports' power = Off	set usb device 2 power 3	73 65 74 20 75 73 62 20 64 65 76 69 63 65 20 32 20 70 6F 77 65 72 20 33 0D 0A
273	USB: USB device 3: USB device ports' power = Follow the host	set usb device 3 power 1	73 65 74 20 75 73 62 20 64 65 76 69 63 65 20 33 20 70 6F 77 65 72 20 31 0D 0A
274	USB: USB device 3: USB device ports' power = Always on (5 V)	set usb device 3 power 2	73 65 74 20 75 73 62 20 64 65 76 69 63 65 20 33 20 70 6F 77 65 72 20 32 0D 0A
275	USB: USB device 3: USB device ports' power = Off	set usb device 3 power 3	73 65 74 20 75 73 62 20 64 65 76 69 63 65 20 33 20 70 6F 77 65 72 20 33 0D 0A
276	USB: USB-C input 1: Laptops on USB-C get the network on	set usbc 1 access network 1	73 65 74 20 75 73 62 63 20 31 20 61 63 63 65 73 73 20 6E 65 74 77 6F 72 6B 20 31 0D 0A
277	USB: USB-C input 1: Laptops on USB-C get the network off	set usbc 1 access network 0	73 65 74 20 75 73 62 63 20 31 20 61 63 63 65 73 73 20 6E 65 74 77 6F 72 6B 20 30 0D 0A
278	USB: USB-C input 2: Laptops on USB-C get the network on	set usbc 2 access network 1	73 65 74 20 75 73 62 63 20 32 20 61 63 63 65 73 73 20 6E 65 74 77 6F 72 6B 20 31 0D 0A
279	USB: USB-C input 2: Laptops on USB-C get the network off	set usbc 2 access network 0	73 65 74 20 75 73 62 63 20 32 20 61 63 63 65 73 73 20 6E 65 74 77 6F 72 6B 20 30 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 output 1 from`	`67 65 74 20 6F 75 74 70 75 74 20 31 20 66 72 6F 6D 0D 0A`	Source
2	`get output 2 from`	`67 65 74 20 6F 75 74 70 75 74 20 32 20 66 72 6F 6D 0D 0A`	Source
3	`get output 1 auto switch`	`67 65 74 20 6F 75 74 70 75 74 20 31 20 61 75 74 6F 20 73 77 69 74 63 68 0D 0A`	Switch to a newly plugged-in source by itself
4	`get output 2 auto switch`	`67 65 74 20 6F 75 74 70 75 74 20 32 20 61 75 74 6F 20 73 77 69 74 63 68 0D 0A`	Switch to a newly plugged-in source by itself
5	`get analog audio gain`	`67 65 74 20 61 6E 61 6C 6F 67 20 61 75 64 69 6F 20 67 61 69 6E 0D 0A`	Analog sound out (dB)
6	`get analog audio mute`	`67 65 74 20 61 6E 61 6C 6F 67 20 61 75 64 69 6F 20 6D 75 74 65 0D 0A`	Mute the analog sound out
7	`get power`	`67 65 74 20 70 6F 77 65 72 0D 0A`	Power
8	`get input 0 connected`	`67 65 74 20 69 6E 70 75 74 20 30 20 63 6F 6E 6E 65 63 74 65 64 0D 0A`	Signal
9	`get usb switch mode`	`67 65 74 20 75 73 62 20 73 77 69 74 63 68 20 6D 6F 64 65 0D 0A`	Keyboard, mouse and camera
10	`get usb switch status`	`67 65 74 20 75 73 62 20 73 77 69 74 63 68 20 73 74 61 74 75 73 0D 0A`	They go to
11	`get usb follow video`	`67 65 74 20 75 73 62 20 66 6F 6C 6C 6F 77 20 76 69 64 65 6F 0D 0A`	Keyboard, mouse and camera follow the source on
12	`get analog audio output`	`67 65 74 20 61 6E 61 6C 6F 67 20 61 75 64 69 6F 20 6F 75 74 70 75 74 0D 0A`	Line out plays
13	`get analog audio input`	`67 65 74 20 61 6E 61 6C 6F 67 20 61 75 64 69 6F 20 69 6E 70 75 74 0D 0A`	Line in (a microphone) goes into

14	`get analog audio input to usb`	`67 65 74 20 61 6E 61 6C 6F 67 20 61 75 64 69 6F 20 69 6E 70 75 74 20 74 6F 20 75 73 62 0D 0A`	Line in to the laptop's USB audio
15	`get pattern`	`67 65 74 20 70 61 74 74 65 72 6E 0D 0A`	Test pattern
16	`get welcome screen`	`67 65 74 20 77 65 6C 63 6F 6D 65 20 73 63 72 65 65 6E 0D 0A`	Welcome screen
17	`get no signal screen`	`67 65 74 20 6E 6F 20 73 69 67 6E 61 6C 20 73 63 72 65 65 6E 0D 0A`	Welcome screen after 60 s with no source
18	`get output auto switch mode`	`67 65 74 20 6F 75 74 70 75 74 20 61 75 74 6F 20 73 77 69 74 63 68 20 6D 6F 64 65 0D 0A`	Notice a new source by
19	`get auto standby time`	`67 65 74 20 61 75 74 6F 20 73 74 61 6E 64 62 79 20 74 69 6D 65 0D 0A`	Go to standby with no source after
20	`get front button`	`67 65 74 20 66 72 6F 6E 74 20 62 75 74 74 6F 6E 0D 0A`	Lock the front buttons (on = locked)
21	`get hdmi power saving`	`67 65 74 20 68 64 6D 69 20 70 6F 77 65 72 20 73 61 76 69 6E 67 0D 0A`	HDMI power saving
22	`get baud`	`67 65 74 20 62 61 75 64 0D 0A`	RS-232 speed
23	`get version`	`67 65 74 20 76 65 72 73 69 6F 6E 0D 0A`	Firmware, Web page firmware
24	`get temp`	`67 65 74 20 74 65 6D 70 0D 0A`	Temperature (°C)
25	`get uptime`	`67 65 74 20 75 70 74 69 6D 65 0D 0A`	Running for (days:hours:min:sec)

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.