AUD-DTE-4X4LINE Tesira Command Sheet

For Tesira Command String blocks · Version 1.0.2

Every command the AUD-DTE-4X4LINE 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-4X4LINE-Tesira-Command-Sheet-1.0.2.csv` for copying.

> **Before you start —** the Tesira server must reach the AUD-DTE-4X4LINE 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

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

#	Command	String	Bytes (hex, with the line ending)
1	**Sound: Volume = {level} (0 to 100)**	`set master vol {level}`	`the level in place of {level}`
2	**Sound: Volume = 0**	`set master vol 0`	`73 65 74 20 6D 61 73 74 65 72 20 76 6F 6C 20 30 0D 0A`
3	**Sound: Volume = 50**	`set master vol 50`	`73 65 74 20 6D 61 73 74 65 72 20 76 6F 6C 20 35 30 0D 0A`
4	**Sound: Volume = 100**	`set master vol 100`	`73 65 74 20 6D 61 73 74 65 72 20 76 6F 6C 20 31 30 30 0D 0A`
5	**Sound: Mute everything on**	`set master mute on`	`73 65 74 20 6D 61 73 74 65 72 20 6D 75 74 65 20 6F 6E 0D 0A`
6	**Sound: Mute everything off**	`set master mute off`	`73 65 74 20 6D 61 73 74 65 72 20 6D 75 74 65 20 6F 66 66 0D 0A`

7	Outputs: Line out 1: Volume = {level} (0 to 100)	`set output 1 vol {level}`	`the level in place of {level}`
8	Outputs: Line out 1: 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`
9	Outputs: Line out 1: 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`
10	Outputs: Line out 1: 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`
11	Outputs: Line out 2: Volume = {level} (0 to 100)	`set output 2 vol {level}`	`the level in place of {level}`
12	Outputs: Line out 2: 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`
13	Outputs: Line out 2: 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`
14	Outputs: Line out 2: 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`
15	Outputs: Line out 3: Volume = {level} (0 to 100)	`set output 3 vol {level}`	`the level in place of {level}`
16	Outputs: Line out 3: Volume = 0	`set output 3 vol 0`	`73 65 74 20 6F 75 74 70 75 74 20 33 20 76 6F 6C 20 30 0D 0A`
17	Outputs: Line out 3: Volume = 50	`set output 3 vol 50`	`73 65 74 20 6F 75 74 70 75 74 20 33 20 76 6F 6C 20 35 30 0D 0A`
18	Outputs: Line out 3: Volume = 100	`set output 3 vol 100`	`73 65 74 20 6F 75 74 70 75 74 20 33 20 76 6F 6C 20 31 30 30 0D 0A`
19	Outputs: Line out 4: Volume = {level} (0 to 100)	`set output 4 vol {level}`	`the level in place of {level}`
20	Outputs: Line out 4: Volume = 0	`set output 4 vol 0`	`73 65 74 20 6F 75 74 70 75 74 20 34 20 76 6F 6C 20 30 0D 0A`
21	Outputs: Line out 4: Volume = 50	`set output 4 vol 50`	`73 65 74 20 6F 75 74 70 75 74 20 34 20 76 6F 6C 20 35 30 0D 0A`
22	Outputs: Line out 4: Volume = 100	`set output 4 vol 100`	`73 65 74 20 6F 75 74 70 75 74 20 34 20 76 6F 6C 20 31 30 30 0D 0A`
23	Outputs: Line out 1: 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`
24	Outputs: Line out 1: 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`
25	Outputs: Line out 2: 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`
26	Outputs: Line out 2: 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`
27	Outputs: Line out 3: Mute on	`set output 3 mute on`	`73 65 74 20 6F 75 74 70 75 74 20 33 20 6D 75 74 65 20 6F 6E 0D 0A`
28	Outputs: Line out 3: Mute off	`set output 3 mute off`	`73 65 74 20 6F 75 74 70 75 74 20 33 20 6D 75 74 65 20 6F 66 66 0D 0A`
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32	Outputs: Line out 1: 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
33	Outputs: Line out 1: 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
34	Outputs: Line out 1: 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
35	Outputs: Line out 1: 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
36	Outputs: Line out 1: 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
37	Outputs: Line out 1: 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
38	Outputs: Line out 1: 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
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41	Outputs: Line out 1: 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
42	Outputs: Line out 1: 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
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149	Outputs: Line out 3: Delay (ms) = 16	set output 3 delay 16	73 65 74 20 6F 75 74 70 75 74 20 33 20 64 65 6C 61 79 20 31 36 0D 0A
150	Outputs: Line out 3: Delay (ms) = 17	set output 3 delay 17	73 65 74 20 6F 75 74 70 75 74 20 33 20 64 65 6C 61 79 20 31 37 0D 0A

151	Outputs: Line out 3: Delay (ms) = 18	set output 3 delay 18	73 65 74 20 6F 75 74 70 75 74 20 33 20 64 65 6C 61 79 20 31 38 0D 0A
152	Outputs: Line out 3: Delay (ms) = 19	set output 3 delay 19	73 65 74 20 6F 75 74 70 75 74 20 33 20 64 65 6C 61 79 20 31 39 0D 0A
153	Outputs: Line out 3: Delay (ms) = 20	set output 3 delay 20	73 65 74 20 6F 75 74 70 75 74 20 33 20 64 65 6C 61 79 20 32 30 0D 0A
154	Outputs: Line out 3: Delay (ms) = 21	set output 3 delay 21	73 65 74 20 6F 75 74 70 75 74 20 33 20 64 65 6C 61 79 20 32 31 0D 0A
155	Outputs: Line out 3: Delay (ms) = 22	set output 3 delay 22	73 65 74 20 6F 75 74 70 75 74 20 33 20 64 65 6C 61 79 20 32 32 0D 0A
156	Outputs: Line out 3: Delay (ms) = 23	set output 3 delay 23	73 65 74 20 6F 75 74 70 75 74 20 33 20 64 65 6C 61 79 20 32 33 0D 0A
157	Outputs: Line out 3: Delay (ms) = 24	set output 3 delay 24	73 65 74 20 6F 75 74 70 75 74 20 33 20 64 65 6C 61 79 20 32 34 0D 0A
158	Outputs: Line out 3: Delay (ms) = 25	set output 3 delay 25	73 65 74 20 6F 75 74 70 75 74 20 33 20 64 65 6C 61 79 20 32 35 0D 0A
159	Outputs: Line out 3: Delay (ms) = 26	set output 3 delay 26	73 65 74 20 6F 75 74 70 75 74 20 33 20 64 65 6C 61 79 20 32 36 0D 0A
160	Outputs: Line out 3: Delay (ms) = 27	set output 3 delay 27	73 65 74 20 6F 75 74 70 75 74 20 33 20 64 65 6C 61 79 20 32 37 0D 0A
161	Outputs: Line out 3: Delay (ms) = 28	set output 3 delay 28	73 65 74 20 6F 75 74 70 75 74 20 33 20 64 65 6C 61 79 20 32 38 0D 0A
162	Outputs: Line out 3: Delay (ms) = 29	set output 3 delay 29	73 65 74 20 6F 75 74 70 75 74 20 33 20 64 65 6C 61 79 20 32 39 0D 0A
163	Outputs: Line out 3: Delay (ms) = 30	set output 3 delay 30	73 65 74 20 6F 75 74 70 75 74 20 33 20 64 65 6C 61 79 20 33 30 0D 0A
164	Outputs: Line out 3: Delay (ms) = 31	set output 3 delay 31	73 65 74 20 6F 75 74 70 75 74 20 33 20 64 65 6C 61 79 20 33 31 0D 0A
165	Outputs: Line out 3: Delay (ms) = 32	set output 3 delay 32	73 65 74 20 6F 75 74 70 75 74 20 33 20 64 65 6C 61 79 20 33 32 0D 0A
166	Outputs: Line out 3: Delay (ms) = 33	set output 3 delay 33	73 65 74 20 6F 75 74 70 75 74 20 33 20 64 65 6C 61 79 20 33 33 0D 0A
167	Outputs: Line out 3: Delay (ms) = 34	set output 3 delay 34	73 65 74 20 6F 75 74 70 75 74 20 33 20 64 65 6C 61 79 20 33 34 0D 0A
168	Outputs: Line out 3: Delay (ms) = 35	set output 3 delay 35	73 65 74 20 6F 75 74 70 75 74 20 33 20 64 65 6C 61 79 20 33 35 0D 0A
169	Outputs: Line out 3: Delay (ms) = 36	set output 3 delay 36	73 65 74 20 6F 75 74 70 75 74 20 33 20 64 65 6C 61 79 20 33 36 0D 0A
170	Outputs: Line out 3: Delay (ms) = 37	set output 3 delay 37	73 65 74 20 6F 75 74 70 75 74 20 33 20 64 65 6C 61 79 20 33 37 0D 0A
171	Outputs: Line out 3: Delay (ms) = 38	set output 3 delay 38	73 65 74 20 6F 75 74 70 75 74 20 33 20 64 65 6C 61 79 20 33 38 0D 0A
172	Outputs: Line out 3: Delay (ms) = 39	set output 3 delay 39	73 65 74 20 6F 75 74 70 75 74 20 33 20 64 65 6C 61 79 20 33 39 0D 0A
173	Outputs: Line out 3: Delay (ms) = 40	set output 3 delay 40	73 65 74 20 6F 75 74 70 75 74 20 33 20 64 65 6C 61 79 20 34 30 0D 0A
174	Outputs: Line out 3: Delay (ms) = 41	set output 3 delay 41	73 65 74 20 6F 75 74 70 75 74 20 33 20 64 65 6C 61 79 20 34 31 0D 0A

175	Outputs: Line out 3: Delay (ms) = 42	set output 3 delay 42	73 65 74 20 6F 75 74 70 75 74 20 33 20 64 65 6C 61 79 20 34 32 0D 0A
176	Outputs: Line out 3: Delay (ms) = 43	set output 3 delay 43	73 65 74 20 6F 75 74 70 75 74 20 33 20 64 65 6C 61 79 20 34 33 0D 0A
177	Outputs: Line out 3: Delay (ms) = 44	set output 3 delay 44	73 65 74 20 6F 75 74 70 75 74 20 33 20 64 65 6C 61 79 20 34 34 0D 0A
178	Outputs: Line out 3: Delay (ms) = 45	set output 3 delay 45	73 65 74 20 6F 75 74 70 75 74 20 33 20 64 65 6C 61 79 20 34 35 0D 0A
179	Outputs: Line out 3: Delay (ms) = 46	set output 3 delay 46	73 65 74 20 6F 75 74 70 75 74 20 33 20 64 65 6C 61 79 20 34 36 0D 0A
180	Outputs: Line out 3: Delay (ms) = 47	set output 3 delay 47	73 65 74 20 6F 75 74 70 75 74 20 33 20 64 65 6C 61 79 20 34 37 0D 0A
181	Outputs: Line out 3: Delay (ms) = 48	set output 3 delay 48	73 65 74 20 6F 75 74 70 75 74 20 33 20 64 65 6C 61 79 20 34 38 0D 0A
182	Outputs: Line out 3: Delay (ms) = 49	set output 3 delay 49	73 65 74 20 6F 75 74 70 75 74 20 33 20 64 65 6C 61 79 20 34 39 0D 0A
183	Outputs: Line out 3: Delay (ms) = 50	set output 3 delay 50	73 65 74 20 6F 75 74 70 75 74 20 33 20 64 65 6C 61 79 20 35 30 0D 0A
184	Outputs: Line out 4: Delay (ms) = 0	set output 4 delay 0	73 65 74 20 6F 75 74 70 75 74 20 34 20 64 65 6C 61 79 20 30 0D 0A
185	Outputs: Line out 4: Delay (ms) = 1	set output 4 delay 1	73 65 74 20 6F 75 74 70 75 74 20 34 20 64 65 6C 61 79 20 31 0D 0A
186	Outputs: Line out 4: Delay (ms) = 2	set output 4 delay 2	73 65 74 20 6F 75 74 70 75 74 20 34 20 64 65 6C 61 79 20 32 0D 0A
187	Outputs: Line out 4: Delay (ms) = 3	set output 4 delay 3	73 65 74 20 6F 75 74 70 75 74 20 34 20 64 65 6C 61 79 20 33 0D 0A
188	Outputs: Line out 4: Delay (ms) = 4	set output 4 delay 4	73 65 74 20 6F 75 74 70 75 74 20 34 20 64 65 6C 61 79 20 34 0D 0A
189	Outputs: Line out 4: Delay (ms) = 5	set output 4 delay 5	73 65 74 20 6F 75 74 70 75 74 20 34 20 64 65 6C 61 79 20 35 0D 0A
190	Outputs: Line out 4: Delay (ms) = 6	set output 4 delay 6	73 65 74 20 6F 75 74 70 75 74 20 34 20 64 65 6C 61 79 20 36 0D 0A
191	Outputs: Line out 4: Delay (ms) = 7	set output 4 delay 7	73 65 74 20 6F 75 74 70 75 74 20 34 20 64 65 6C 61 79 20 37 0D 0A
192	Outputs: Line out 4: Delay (ms) = 8	set output 4 delay 8	73 65 74 20 6F 75 74 70 75 74 20 34 20 64 65 6C 61 79 20 38 0D 0A
193	Outputs: Line out 4: Delay (ms) = 9	set output 4 delay 9	73 65 74 20 6F 75 74 70 75 74 20 34 20 64 65 6C 61 79 20 39 0D 0A
194	Outputs: Line out 4: Delay (ms) = 10	set output 4 delay 10	73 65 74 20 6F 75 74 70 75 74 20 34 20 64 65 6C 61 79 20 31 30 0D 0A
195	Outputs: Line out 4: Delay (ms) = 11	set output 4 delay 11	73 65 74 20 6F 75 74 70 75 74 20 34 20 64 65 6C 61 79 20 31 31 0D 0A
196	Outputs: Line out 4: Delay (ms) = 12	set output 4 delay 12	73 65 74 20 6F 75 74 70 75 74 20 34 20 64 65 6C 61 79 20 31 32 0D 0A
197	Outputs: Line out 4: Delay (ms) = 13	set output 4 delay 13	73 65 74 20 6F 75 74 70 75 74 20 34 20 64 65 6C 61 79 20 31 33 0D 0A
198	Outputs: Line out 4: Delay (ms) = 14	set output 4 delay 14	73 65 74 20 6F 75 74 70 75 74 20 34 20 64 65 6C 61 79 20 31 34 0D 0A

199	Outputs: Line out 4: Delay (ms) = 15	set output 4 delay 15	73 65 74 20 6F 75 74 70 75 74 20 34 20 64 65 6C 61 79 20 31 35 0D 0A
200	Outputs: Line out 4: Delay (ms) = 16	set output 4 delay 16	73 65 74 20 6F 75 74 70 75 74 20 34 20 64 65 6C 61 79 20 31 36 0D 0A
201	Outputs: Line out 4: Delay (ms) = 17	set output 4 delay 17	73 65 74 20 6F 75 74 70 75 74 20 34 20 64 65 6C 61 79 20 31 37 0D 0A
202	Outputs: Line out 4: Delay (ms) = 18	set output 4 delay 18	73 65 74 20 6F 75 74 70 75 74 20 34 20 64 65 6C 61 79 20 31 38 0D 0A
203	Outputs: Line out 4: Delay (ms) = 19	set output 4 delay 19	73 65 74 20 6F 75 74 70 75 74 20 34 20 64 65 6C 61 79 20 31 39 0D 0A
204	Outputs: Line out 4: Delay (ms) = 20	set output 4 delay 20	73 65 74 20 6F 75 74 70 75 74 20 34 20 64 65 6C 61 79 20 32 30 0D 0A
205	Outputs: Line out 4: Delay (ms) = 21	set output 4 delay 21	73 65 74 20 6F 75 74 70 75 74 20 34 20 64 65 6C 61 79 20 32 31 0D 0A
206	Outputs: Line out 4: Delay (ms) = 22	set output 4 delay 22	73 65 74 20 6F 75 74 70 75 74 20 34 20 64 65 6C 61 79 20 32 32 0D 0A
207	Outputs: Line out 4: Delay (ms) = 23	set output 4 delay 23	73 65 74 20 6F 75 74 70 75 74 20 34 20 64 65 6C 61 79 20 32 33 0D 0A
208	Outputs: Line out 4: Delay (ms) = 24	set output 4 delay 24	73 65 74 20 6F 75 74 70 75 74 20 34 20 64 65 6C 61 79 20 32 34 0D 0A
209	Outputs: Line out 4: Delay (ms) = 25	set output 4 delay 25	73 65 74 20 6F 75 74 70 75 74 20 34 20 64 65 6C 61 79 20 32 35 0D 0A
210	Outputs: Line out 4: Delay (ms) = 26	set output 4 delay 26	73 65 74 20 6F 75 74 70 75 74 20 34 20 64 65 6C 61 79 20 32 36 0D 0A
211	Outputs: Line out 4: Delay (ms) = 27	set output 4 delay 27	73 65 74 20 6F 75 74 70 75 74 20 34 20 64 65 6C 61 79 20 32 37 0D 0A
212	Outputs: Line out 4: Delay (ms) = 28	set output 4 delay 28	73 65 74 20 6F 75 74 70 75 74 20 34 20 64 65 6C 61 79 20 32 38 0D 0A
213	Outputs: Line out 4: Delay (ms) = 29	set output 4 delay 29	73 65 74 20 6F 75 74 70 75 74 20 34 20 64 65 6C 61 79 20 32 39 0D 0A
214	Outputs: Line out 4: Delay (ms) = 30	set output 4 delay 30	73 65 74 20 6F 75 74 70 75 74 20 34 20 64 65 6C 61 79 20 33 30 0D 0A
215	Outputs: Line out 4: Delay (ms) = 31	set output 4 delay 31	73 65 74 20 6F 75 74 70 75 74 20 34 20 64 65 6C 61 79 20 33 31 0D 0A
216	Outputs: Line out 4: Delay (ms) = 32	set output 4 delay 32	73 65 74 20 6F 75 74 70 75 74 20 34 20 64 65 6C 61 79 20 33 32 0D 0A
217	Outputs: Line out 4: Delay (ms) = 33	set output 4 delay 33	73 65 74 20 6F 75 74 70 75 74 20 34 20 64 65 6C 61 79 20 33 33 0D 0A
218	Outputs: Line out 4: Delay (ms) = 34	set output 4 delay 34	73 65 74 20 6F 75 74 70 75 74 20 34 20 64 65 6C 61 79 20 33 34 0D 0A
219	Outputs: Line out 4: Delay (ms) = 35	set output 4 delay 35	73 65 74 20 6F 75 74 70 75 74 20 34 20 64 65 6C 61 79 20 33 35 0D 0A
220	Outputs: Line out 4: Delay (ms) = 36	set output 4 delay 36	73 65 74 20 6F 75 74 70 75 74 20 34 20 64 65 6C 61 79 20 33 36 0D 0A
221	Outputs: Line out 4: Delay (ms) = 37	set output 4 delay 37	73 65 74 20 6F 75 74 70 75 74 20 34 20 64 65 6C 61 79 20 33 37 0D 0A
222	Outputs: Line out 4: Delay (ms) = 38	set output 4 delay 38	73 65 74 20 6F 75 74 70 75 74 20 34 20 64 65 6C 61 79 20 33 38 0D 0A

223	Outputs: Line out 4: Delay (ms) = 39	set output 4 delay 39	73 65 74 20 6F 75 74 70 75 74 20 34 20 64 65 6C 61 79 20 33 39 0D 0A
224	Outputs: Line out 4: Delay (ms) = 40	set output 4 delay 40	73 65 74 20 6F 75 74 70 75 74 20 34 20 64 65 6C 61 79 20 34 30 0D 0A
225	Outputs: Line out 4: Delay (ms) = 41	set output 4 delay 41	73 65 74 20 6F 75 74 70 75 74 20 34 20 64 65 6C 61 79 20 34 31 0D 0A
226	Outputs: Line out 4: Delay (ms) = 42	set output 4 delay 42	73 65 74 20 6F 75 74 70 75 74 20 34 20 64 65 6C 61 79 20 34 32 0D 0A
227	Outputs: Line out 4: Delay (ms) = 43	set output 4 delay 43	73 65 74 20 6F 75 74 70 75 74 20 34 20 64 65 6C 61 79 20 34 33 0D 0A
228	Outputs: Line out 4: Delay (ms) = 44	set output 4 delay 44	73 65 74 20 6F 75 74 70 75 74 20 34 20 64 65 6C 61 79 20 34 34 0D 0A
229	Outputs: Line out 4: Delay (ms) = 45	set output 4 delay 45	73 65 74 20 6F 75 74 70 75 74 20 34 20 64 65 6C 61 79 20 34 35 0D 0A
230	Outputs: Line out 4: Delay (ms) = 46	set output 4 delay 46	73 65 74 20 6F 75 74 70 75 74 20 34 20 64 65 6C 61 79 20 34 36 0D 0A
231	Outputs: Line out 4: Delay (ms) = 47	set output 4 delay 47	73 65 74 20 6F 75 74 70 75 74 20 34 20 64 65 6C 61 79 20 34 37 0D 0A
232	Outputs: Line out 4: Delay (ms) = 48	set output 4 delay 48	73 65 74 20 6F 75 74 70 75 74 20 34 20 64 65 6C 61 79 20 34 38 0D 0A
233	Outputs: Line out 4: Delay (ms) = 49	set output 4 delay 49	73 65 74 20 6F 75 74 70 75 74 20 34 20 64 65 6C 61 79 20 34 39 0D 0A
234	Outputs: Line out 4: Delay (ms) = 50	set output 4 delay 50	73 65 74 20 6F 75 74 70 75 74 20 34 20 64 65 6C 61 79 20 35 30 0D 0A
235	Outputs: Line out 1: Output level = +20 dBu	set output 1 gain 1	73 65 74 20 6F 75 74 70 75 74 20 31 20 67 61 69 6E 20 31 0D 0A
236	Outputs: Line out 1: Output level = +14 dBu	set output 1 gain 2	73 65 74 20 6F 75 74 70 75 74 20 31 20 67 61 69 6E 20 32 0D 0A
237	Outputs: Line out 1: Output level = +4 dBu	set output 1 gain 3	73 65 74 20 6F 75 74 70 75 74 20 31 20 67 61 69 6E 20 33 0D 0A
238	Outputs: Line out 1: Output level = 0 dBV	set output 1 gain 4	73 65 74 20 6F 75 74 70 75 74 20 31 20 67 61 69 6E 20 34 0D 0A
239	Outputs: Line out 1: Output level = -18 dBV	set output 1 gain 5	73 65 74 20 6F 75 74 70 75 74 20 31 20 67 61 69 6E 20 35 0D 0A
240	Outputs: Line out 2: Output level = +20 dBu	set output 2 gain 1	73 65 74 20 6F 75 74 70 75 74 20 32 20 67 61 69 6E 20 31 0D 0A
241	Outputs: Line out 2: Output level = +14 dBu	set output 2 gain 2	73 65 74 20 6F 75 74 70 75 74 20 32 20 67 61 69 6E 20 32 0D 0A
242	Outputs: Line out 2: Output level = +4 dBu	set output 2 gain 3	73 65 74 20 6F 75 74 70 75 74 20 32 20 67 61 69 6E 20 33 0D 0A
243	Outputs: Line out 2: Output level = 0 dBV	set output 2 gain 4	73 65 74 20 6F 75 74 70 75 74 20 32 20 67 61 69 6E 20 34 0D 0A
244	Outputs: Line out 2: Output level = -18 dBV	set output 2 gain 5	73 65 74 20 6F 75 74 70 75 74 20 32 20 67 61 69 6E 20 35 0D 0A
245	Outputs: Line out 3: Output level = +20 dBu	set output 3 gain 1	73 65 74 20 6F 75 74 70 75 74 20 33 20 67 61 69 6E 20 31 0D 0A
246	Outputs: Line out 3: Output level = +14 dBu	set output 3 gain 2	73 65 74 20 6F 75 74 70 75 74 20 33 20 67 61 69 6E 20 32 0D 0A

247	Outputs: Line out 3: Output level = +4 dBu	`set output 3 gain 3`	`73 65 74 20 6F 75 74 70 75 74 20 33 20 67 61 69 6E 20 33 0D 0A`
248	Outputs: Line out 3: Output level = 0 dBV	`set output 3 gain 4`	`73 65 74 20 6F 75 74 70 75 74 20 33 20 67 61 69 6E 20 34 0D 0A`
249	Outputs: Line out 3: Output level = -18 dBV	`set output 3 gain 5`	`73 65 74 20 6F 75 74 70 75 74 20 33 20 67 61 69 6E 20 35 0D 0A`
250	Outputs: Line out 4: Output level = +20 dBu	`set output 4 gain 1`	`73 65 74 20 6F 75 74 70 75 74 20 34 20 67 61 69 6E 20 31 0D 0A`
251	Outputs: Line out 4: Output level = +14 dBu	`set output 4 gain 2`	`73 65 74 20 6F 75 74 70 75 74 20 34 20 67 61 69 6E 20 32 0D 0A`
252	Outputs: Line out 4: Output level = +4 dBu	`set output 4 gain 3`	`73 65 74 20 6F 75 74 70 75 74 20 34 20 67 61 69 6E 20 33 0D 0A`
253	Outputs: Line out 4: Output level = 0 dBV	`set output 4 gain 4`	`73 65 74 20 6F 75 74 70 75 74 20 34 20 67 61 69 6E 20 34 0D 0A`
254	Outputs: Line out 4: Output level = -18 dBV	`set output 4 gain 5`	`73 65 74 20 6F 75 74 70 75 74 20 34 20 67 61 69 6E 20 35 0D 0A`
255	Inputs: Line in 1: 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`
256	Inputs: Line in 1: 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`
257	Inputs: Line in 1: 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`
258	Inputs: Line in 1: 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`
259	Inputs: Line in 1: 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`
260	Inputs: Line in 1: 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`
261	Inputs: Line in 1: 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`
262	Inputs: Line in 1: 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`
263	Inputs: Line in 1: 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`
264	Inputs: Line in 1: 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`
265	Inputs: Line in 1: 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`
266	Inputs: Line in 1: 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`
267	Inputs: Line in 1: 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`
268	Inputs: Line in 1: 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`
269	Inputs: Line in 1: 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`
270	Inputs: Line in 1: 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`

271	Inputs: Line in 1: 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`
272	Inputs: Line in 1: 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`
273	Inputs: Line in 1: 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`
274	Inputs: Line in 1: 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`
275	Inputs: Line in 1: 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`
276	Inputs: Line in 1: 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`
277	Inputs: Line in 1: 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`
278	Inputs: Line in 1: 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`
279	Inputs: Line in 1: 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`
280	Inputs: Line in 2: 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`
281	Inputs: Line in 2: 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`
282	Inputs: Line in 2: 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`
283	Inputs: Line in 2: 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`
284	Inputs: Line in 2: 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`
285	Inputs: Line in 2: 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`
286	Inputs: Line in 2: 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`
287	Inputs: Line in 2: 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`
288	Inputs: Line in 2: 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`
289	Inputs: Line in 2: 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`
290	Inputs: Line in 2: 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`
291	Inputs: Line in 2: 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`
292	Inputs: Line in 2: 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`
293	Inputs: Line in 2: 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`
294	Inputs: Line in 2: 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`

295	Inputs: Line in 2: 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`
296	Inputs: Line in 2: 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`
297	Inputs: Line in 2: 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`
298	Inputs: Line in 2: 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`
299	Inputs: Line in 2: 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`
300	Inputs: Line in 2: 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`
301	Inputs: Line in 2: 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`
302	Inputs: Line in 2: 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`
303	Inputs: Line in 2: 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`
304	Inputs: Line in 2: 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`
305	Inputs: Line in 3: 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`
306	Inputs: Line in 3: 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`
307	Inputs: Line in 3: 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`
308	Inputs: Line in 3: 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`
309	Inputs: Line in 3: 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`
310	Inputs: Line in 3: 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`
311	Inputs: Line in 3: 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`
312	Inputs: Line in 3: 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`
313	Inputs: Line in 3: 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`
314	Inputs: Line in 3: 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`
315	Inputs: Line in 3: 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`
316	Inputs: Line in 3: 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`
317	Inputs: Line in 3: 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`
318	Inputs: Line in 3: 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`

319	Inputs: Line in 3: 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`
320	Inputs: Line in 3: 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`
321	Inputs: Line in 3: 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`
322	Inputs: Line in 3: 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`
323	Inputs: Line in 3: 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`
324	Inputs: Line in 3: 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`
325	Inputs: Line in 3: 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`
326	Inputs: Line in 3: 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`
327	Inputs: Line in 3: 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`
328	Inputs: Line in 3: 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`
329	Inputs: Line in 3: 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`
330	Inputs: Line 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`
331	Inputs: Line 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`
332	Inputs: Line 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`
333	Inputs: Line 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`
334	Inputs: Line 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`
335	Inputs: Line 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`
336	Inputs: Line 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`
337	Inputs: Line 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`
338	Inputs: Line 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`
339	Inputs: Line 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`
340	Inputs: Line 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`
341	Inputs: Line 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`
342	Inputs: Line 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`

343	Inputs: Line 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`
344	Inputs: Line 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`
345	Inputs: Line 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`
346	Inputs: Line 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`
347	Inputs: Line 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`
348	Inputs: Line 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`
349	Inputs: Line 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`
350	Inputs: Line 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`
351	Inputs: Line 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`
352	Inputs: Line 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`
353	Inputs: Line 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`
354	Inputs: Line 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`
355	Inputs: Line in 1: 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`
356	Inputs: Line in 1: 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`
357	Inputs: Line in 2: 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`
358	Inputs: Line in 2: 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`
359	Inputs: Line in 3: 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`
360	Inputs: Line in 3: 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`
361	Inputs: Line 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`
362	Inputs: Line 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`
363	Inputs: Line in 1: Sensitivity = +24 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`
364	Inputs: Line in 1: Sensitivity = +14 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`
365	Inputs: Line in 1: Sensitivity = +4 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`
366	Inputs: Line in 1: 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`

367	Inputs: Line in 1: Sensitivity = -18 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
368	Inputs: Line in 1: Sensitivity = -35 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
369	Inputs: Line in 2: Sensitivity = +24 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
370	Inputs: Line in 2: Sensitivity = +14 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
371	Inputs: Line in 2: Sensitivity = +4 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
372	Inputs: Line in 2: 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
373	Inputs: Line in 2: Sensitivity = -18 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
374	Inputs: Line in 2: Sensitivity = -35 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
375	Inputs: Line in 3: Sensitivity = +24 dBu	set input 3 sensitivity 1	73 65 74 20 69 6E 70 75 74 20 33 20 73 65 6E 73 69 74 69 76 69 74 79 20 31 0D 0A
376	Inputs: Line in 3: Sensitivity = +14 dBu	set input 3 sensitivity 2	73 65 74 20 69 6E 70 75 74 20 33 20 73 65 6E 73 69 74 69 76 69 74 79 20 32 0D 0A
377	Inputs: Line in 3: Sensitivity = +4 dBu	set input 3 sensitivity 3	73 65 74 20 69 6E 70 75 74 20 33 20 73 65 6E 73 69 74 69 76 69 74 79 20 33 0D 0A
378	Inputs: Line in 3: Sensitivity = 0 dBV	set input 3 sensitivity 4	73 65 74 20 69 6E 70 75 74 20 33 20 73 65 6E 73 69 74 69 76 69 74 79 20 34 0D 0A
379	Inputs: Line in 3: Sensitivity = -18 dBV	set input 3 sensitivity 5	73 65 74 20 69 6E 70 75 74 20 33 20 73 65 6E 73 69 74 69 76 69 74 79 20 35 0D 0A
380	Inputs: Line in 3: Sensitivity = -35 dBV	set input 3 sensitivity 6	73 65 74 20 69 6E 70 75 74 20 33 20 73 65 6E 73 69 74 69 76 69 74 79 20 36 0D 0A
381	Inputs: Line in 4: Sensitivity = +24 dBu	set input 4 sensitivity 1	73 65 74 20 69 6E 70 75 74 20 34 20 73 65 6E 73 69 74 69 76 69 74 79 20 31 0D 0A
382	Inputs: Line in 4: Sensitivity = +14 dBu	set input 4 sensitivity 2	73 65 74 20 69 6E 70 75 74 20 34 20 73 65 6E 73 69 74 69 76 69 74 79 20 32 0D 0A
383	Inputs: Line in 4: Sensitivity = +4 dBu	set input 4 sensitivity 3	73 65 74 20 69 6E 70 75 74 20 34 20 73 65 6E 73 69 74 69 76 69 74 79 20 33 0D 0A
384	Inputs: Line in 4: Sensitivity = 0 dBV	set input 4 sensitivity 4	73 65 74 20 69 6E 70 75 74 20 34 20 73 65 6E 73 69 74 69 76 69 74 79 20 34 0D 0A
385	Inputs: Line in 4: Sensitivity = -18 dBV	set input 4 sensitivity 5	73 65 74 20 69 6E 70 75 74 20 34 20 73 65 6E 73 69 74 69 76 69 74 79 20 35 0D 0A
386	Inputs: Line in 4: Sensitivity = -35 dBV	set input 4 sensitivity 6	73 65 74 20 69 6E 70 75 74 20 34 20 73 65 6E 73 69 74 69 76 69 74 79 20 36 0D 0A
387	EQ: Line out 1: EQ = Flat	set output 1 eq preset 1	73 65 74 20 6F 75 74 70 75 74 20 31 20 65 71 20 70 72 65 73 65 74 20 31 0D 0A
388	EQ: Line out 1: EQ = Custom 1	set output 1 eq preset 2	73 65 74 20 6F 75 74 70 75 74 20 31 20 65 71 20 70 72 65 73 65 74 20 32 0D 0A
389	EQ: Line out 1: EQ = Custom 2	set output 1 eq preset 3	73 65 74 20 6F 75 74 70 75 74 20 31 20 65 71 20 70 72 65 73 65 74 20 33 0D 0A
390	EQ: Line out 2: EQ = Flat	set output 2 eq preset 1	73 65 74 20 6F 75 74 70 75 74 20 32 20 65 71 20 70 72 65 73 65 74 20 31 0D 0A

391	EQ: Line out 2: EQ = Custom 1	`set output 2 eq preset 2`	`73 65 74 20 6F 75 74 70 75 74 20 32 20 65 71 20 70 72 65 73 65 74 20 32 0D 0A`
392	EQ: Line out 2: EQ = Custom 2	`set output 2 eq preset 3`	`73 65 74 20 6F 75 74 70 75 74 20 32 20 65 71 20 70 72 65 73 65 74 20 33 0D 0A`
393	EQ: Line out 3: EQ = Flat	`set output 3 eq preset 1`	`73 65 74 20 6F 75 74 70 75 74 20 33 20 65 71 20 70 72 65 73 65 74 20 31 0D 0A`
394	EQ: Line out 3: EQ = Custom 1	`set output 3 eq preset 2`	`73 65 74 20 6F 75 74 70 75 74 20 33 20 65 71 20 70 72 65 73 65 74 20 32 0D 0A`
395	EQ: Line out 3: EQ = Custom 2	`set output 3 eq preset 3`	`73 65 74 20 6F 75 74 70 75 74 20 33 20 65 71 20 70 72 65 73 65 74 20 33 0D 0A`
396	EQ: Line out 4: EQ = Flat	`set output 4 eq preset 1`	`73 65 74 20 6F 75 74 70 75 74 20 34 20 65 71 20 70 72 65 73 65 74 20 31 0D 0A`
397	EQ: Line out 4: EQ = Custom 1	`set output 4 eq preset 2`	`73 65 74 20 6F 75 74 70 75 74 20 34 20 65 71 20 70 72 65 73 65 74 20 32 0D 0A`
398	EQ: Line out 4: EQ = Custom 2	`set output 4 eq preset 3`	`73 65 74 20 6F 75 74 70 75 74 20 34 20 65 71 20 70 72 65 73 65 74 20 33 0D 0A`
399	EQ: Line out 1/2: Same EQ on the pair on	`set output 1 eq stereo on`	`73 65 74 20 6F 75 74 70 75 74 20 31 20 65 71 20 73 74 65 72 65 6F 20 6F 6E 0D 0A`
400	EQ: Line out 1/2: Same EQ on the pair off	`set output 1 eq stereo off`	`73 65 74 20 6F 75 74 70 75 74 20 31 20 65 71 20 73 74 65 72 65 6F 20 6F 66 66 0D 0A`
401	EQ: Line out 3/4: Same EQ on the pair on	`set output 2 eq stereo on`	`73 65 74 20 6F 75 74 70 75 74 20 32 20 65 71 20 73 74 65 72 65 6F 20 6F 6E 0D 0A`
402	EQ: Line out 3/4: Same EQ on the pair off	`set output 2 eq stereo off`	`73 65 74 20 6F 75 74 70 75 74 20 32 20 65 71 20 73 74 65 72 65 6F 20 6F 66 66 0D 0A`
403	EQ: Line out 1: Clear the EQ	`set output 1 eq clear`	`73 65 74 20 6F 75 74 70 75 74 20 31 20 65 71 20 63 6C 65 61 72 0D 0A`
404	EQ: Line out 2: Clear the EQ	`set output 2 eq clear`	`73 65 74 20 6F 75 74 70 75 74 20 32 20 65 71 20 63 6C 65 61 72 0D 0A`
405	EQ: Line out 3: Clear the EQ	`set output 3 eq clear`	`73 65 74 20 6F 75 74 70 75 74 20 33 20 65 71 20 63 6C 65 61 72 0D 0A`
406	EQ: Line out 4: Clear the EQ	`set output 4 eq clear`	`73 65 74 20 6F 75 74 70 75 74 20 34 20 65 71 20 63 6C 65 61 72 0D 0A`
407	Input EQ: Line in 1: EQ = Flat	`set input 1 eq preset 1`	`73 65 74 20 69 6E 70 75 74 20 31 20 65 71 20 70 72 65 73 65 74 20 31 0D 0A`
408	Input EQ: Line in 1: EQ = Custom 1	`set input 1 eq preset 2`	`73 65 74 20 69 6E 70 75 74 20 31 20 65 71 20 70 72 65 73 65 74 20 32 0D 0A`
409	Input EQ: Line in 1: EQ = Custom 2	`set input 1 eq preset 3`	`73 65 74 20 69 6E 70 75 74 20 31 20 65 71 20 70 72 65 73 65 74 20 33 0D 0A`
410	Input EQ: Line in 2: EQ = Flat	`set input 2 eq preset 1`	`73 65 74 20 69 6E 70 75 74 20 32 20 65 71 20 70 72 65 73 65 74 20 31 0D 0A`
411	Input EQ: Line in 2: EQ = Custom 1	`set input 2 eq preset 2`	`73 65 74 20 69 6E 70 75 74 20 32 20 65 71 20 70 72 65 73 65 74 20 32 0D 0A`
412	Input EQ: Line in 2: EQ = Custom 2	`set input 2 eq preset 3`	`73 65 74 20 69 6E 70 75 74 20 32 20 65 71 20 70 72 65 73 65 74 20 33 0D 0A`
413	Input EQ: Line in 3: EQ = Flat	`set input 3 eq preset 1`	`73 65 74 20 69 6E 70 75 74 20 33 20 65 71 20 70 72 65 73 65 74 20 31 0D 0A`
414	Input EQ: Line in 3: EQ = Custom 1	`set input 3 eq preset 2`	`73 65 74 20 69 6E 70 75 74 20 33 20 65 71 20 70 72 65 73 65 74 20 32 0D 0A`

415	Input EQ: Line in 3: EQ = Custom 2	`set input 3 eq preset 3`	`73 65 74 20 69 6E 70 75 74 20 33 20 65 71 20 70 72 65 73 65 74 20 33 0D 0A`
416	Input EQ: Line in 4: EQ = Flat	`set input 4 eq preset 1`	`73 65 74 20 69 6E 70 75 74 20 34 20 65 71 20 70 72 65 73 65 74 20 31 0D 0A`
417	Input EQ: Line in 4: EQ = Custom 1	`set input 4 eq preset 2`	`73 65 74 20 69 6E 70 75 74 20 34 20 65 71 20 70 72 65 73 65 74 20 32 0D 0A`
418	Input EQ: Line in 4: EQ = Custom 2	`set input 4 eq preset 3`	`73 65 74 20 69 6E 70 75 74 20 34 20 65 71 20 70 72 65 73 65 74 20 33 0D 0A`
419	Input EQ: Line in 1/2: Same EQ on the pair on	`set input 1 eq stereo on`	`73 65 74 20 69 6E 70 75 74 20 31 20 65 71 20 73 74 65 72 65 6F 20 6F 6E 0D 0A`
420	Input EQ: Line in 1/2: Same EQ on the pair off	`set input 1 eq stereo off`	`73 65 74 20 69 6E 70 75 74 20 31 20 65 71 20 73 74 65 72 65 6F 20 6F 66 66 0D 0A`
421	Input EQ: Line in 3/4: Same EQ on the pair on	`set input 2 eq stereo on`	`73 65 74 20 69 6E 70 75 74 20 32 20 65 71 20 73 74 65 72 65 6F 20 6F 6E 0D 0A`
422	Input EQ: Line in 3/4: Same EQ on the pair off	`set input 2 eq stereo off`	`73 65 74 20 69 6E 70 75 74 20 32 20 65 71 20 73 74 65 72 65 6F 20 6F 66 66 0D 0A`
423	Input EQ: Line in 1: Clear the EQ	`set input 1 eq clear`	`73 65 74 20 69 6E 70 75 74 20 31 20 65 71 20 63 6C 65 61 72 0D 0A`
424	Input EQ: Line in 2: Clear the EQ	`set input 2 eq clear`	`73 65 74 20 69 6E 70 75 74 20 32 20 65 71 20 63 6C 65 61 72 0D 0A`
425	Input EQ: Line in 3: Clear the EQ	`set input 3 eq clear`	`73 65 74 20 69 6E 70 75 74 20 33 20 65 71 20 63 6C 65 61 72 0D 0A`
426	Input EQ: Line in 4: Clear the EQ	`set input 4 eq clear`	`73 65 74 20 69 6E 70 75 74 20 34 20 65 71 20 63 6C 65 61 72 0D 0A`
427	Presets: Presets 1	`set preset recall 1`	`73 65 74 20 70 72 65 73 65 74 20 72 65 63 61 6C 6C 20 31 0D 0A`
428	Presets: Presets 2	`set preset recall 2`	`73 65 74 20 70 72 65 73 65 74 20 72 65 63 61 6C 6C 20 32 0D 0A`
429	Presets: Presets 3	`set preset recall 3`	`73 65 74 20 70 72 65 73 65 74 20 72 65 63 61 6C 6C 20 33 0D 0A`
430	Presets: Presets 4	`set preset recall 4`	`73 65 74 20 70 72 65 73 65 74 20 72 65 63 61 6C 6C 20 34 0D 0A`
431	Presets: Presets 5	`set preset recall 5`	`73 65 74 20 70 72 65 73 65 74 20 72 65 63 61 6C 6C 20 35 0D 0A`
432	Presets: Save 1	`set preset save 1`	`73 65 74 20 70 72 65 73 65 74 20 73 61 76 65 20 31 0D 0A`
433	Presets: Save 2	`set preset save 2`	`73 65 74 20 70 72 65 73 65 74 20 73 61 76 65 20 32 0D 0A`
434	Presets: Save 3	`set preset save 3`	`73 65 74 20 70 72 65 73 65 74 20 73 61 76 65 20 33 0D 0A`
435	Presets: Save 4	`set preset save 4`	`73 65 74 20 70 72 65 73 65 74 20 73 61 76 65 20 34 0D 0A`
436	Presets: Save 5	`set preset save 5`	`73 65 74 20 70 72 65 73 65 74 20 73 61 76 65 20 35 0D 0A`
437	Presets: Clear a preset 1	`set preset clear 1`	`73 65 74 20 70 72 65 73 65 74 20 63 6C 65 61 72 20 31 0D 0A`
438	Presets: Clear a preset 2	`set preset clear 2`	`73 65 74 20 70 72 65 73 65 74 20 63 6C 65 61 72 20 32 0D 0A`

439	**Presets: Clear a preset 3**	`set preset clear 3`	`73 65 74 20 70 72 65 73 65 74 20 63 6C 65 61 72 20 33 0D 0A`
440	**Presets: Clear a preset 4**	`set preset clear 4`	`73 65 74 20 70 72 65 73 65 74 20 63 6C 65 61 72 20 34 0D 0A`
441	**Presets: Clear a preset 5**	`set preset clear 5`	`73 65 74 20 70 72 65 73 65 74 20 63 6C 65 61 72 20 35 0D 0A`
442	**System: Standby after no sound (min, 0 = never) = {level} (0 to 100)**	`set auto stb {level}`	`the level in place of {level}`
443	**System: Standby after no sound (min, 0 = never) = 0**	`set auto stb 0`	`73 65 74 20 61 75 74 6F 20 73 74 62 20 30 0D 0A`
444	**System: Standby after no sound (min, 0 = never) = 50**	`set auto stb 50`	`73 65 74 20 61 75 74 6F 20 73 74 62 20 35 30 0D 0A`
445	**System: Standby after no sound (min, 0 = never) = 100**	`set auto stb 100`	`73 65 74 20 61 75 74 6F 20 73 74 62 20 31 30 30 0D 0A`
446	**System: Standby kind = Standby**	`set standby 1`	`73 65 74 20 73 74 61 6E 64 62 79 20 31 0D 0A`
447	**System: Standby kind = Sleep**	`set standby 2`	`73 65 74 20 73 74 61 6E 64 62 79 20 32 0D 0A`
448	**Power: Power On**	`power on`	`70 6F 77 65 72 20 6F 6E 0D 0A`
449	**Power: Power Standby**	`power off`	`70 6F 77 65 72 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 master vol`	`67 65 74 20 6D 61 73 74 65 72 20 76 6F 6C 0D 0A`	Volume
2	`get master mute`	`67 65 74 20 6D 61 73 74 65 72 20 6D 75 74 65 0D 0A`	Mute everything

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.