

Roon Ready Diagnostic information [BACK to Menu](#)

```
11/10/2017 12:44:34 - -----
11/10/2017 12:44:34 - /opt/RoonReady/raatool logdump 4fe7d5ab-1948-4997-8d06-408686a32c96
[0000000] 0.000 TRACE [info] initializing info dictionary
[0000001] 0.001 TRACE [info] inserting raat_version -> 1.1.21
[0000002] 0.001 TRACE [info] inserting protocol_version -> 3
[0000003] 0.018 TRACE [output/alsa] initializing output uniqueid=hw:0,0
[0000004] 0.018 TRACE [output/alsa] preferred buffer duration=0.050000s
[0000005] 0.018 TRACE [output/alsa] force_max_volume=0
[0000006] 0.018 TRACE [output/alsa] resync delay=0.100000s
[0000007] 0.018 TRACE [ALSA] max pcm rate=1411200
[0000008] 0.018 TRACE [output/alsa] max dsd rate=1024
[0000009] 0.018 TRACE [output/alsa] dsd_mode=native
[0000010] 0.018 TRACE [output/alsa] getting hardware info
[0000011] 0.025 TRACE pcm card id DAC
[0000012] 0.026 TRACE pcm card name Brooklyn DAC+
[0000013] 0.026 TRACE pcm card longname Mytek Digital Brooklyn DAC+ at usb-ci_hdrc.1-1.1.4, high speed
[0000014] 0.026 TRACE pcm card mixername USB Mixer
[0000015] 0.026 TRACE pcm card components USB25ce:0025
[0000016] 0.026 TRACE pcm card driver USB-Audio
[0000017] 0.026 TRACE pcm card usb id 25ce:0025
[0000018] 0.026 TRACE [output/alsa] probing formats
[0000019] 0.027 TRACE [alsa] [hw:0,0] probing formats
[0000020] 0.027 TRACE [alsa] [hw:0,0] device supports channels range 2-2
[0000021] 0.028 TRACE [alsa] [hw:0,0] supports PCM format 44100/16/1
[0000022] 0.028 TRACE [alsa] [hw:0,0] supports PCM format 44100/24/1
[0000023] 0.028 TRACE [alsa] [hw:0,0] supports PCM format 44100/32/1
[0000024] 0.028 TRACE [alsa] [hw:0,0] supports PCM format 48000/16/1
[0000025] 0.028 TRACE [alsa] [hw:0,0] supports PCM format 48000/24/1
[0000026] 0.029 TRACE [alsa] [hw:0,0] supports PCM format 48000/32/1
[0000027] 0.029 TRACE [alsa] [hw:0,0] supports PCM format 88200/16/1
[0000028] 0.029 TRACE [alsa] [hw:0,0] supports PCM format 88200/24/1
[0000029] 0.029 TRACE [alsa] [hw:0,0] supports PCM format 88200/32/1
[0000030] 0.029 TRACE [alsa] [hw:0,0] supports PCM format 96000/16/1
[0000031] 0.029 TRACE [alsa] [hw:0,0] supports PCM format 96000/24/1
[0000032] 0.029 TRACE [alsa] [hw:0,0] supports PCM format 96000/32/1
[0000033] 0.029 TRACE [alsa] [hw:0,0] supports PCM format 176400/16/1
[0000034] 0.029 TRACE [alsa] [hw:0,0] supports PCM format 176400/24/1
[0000035] 0.029 TRACE [alsa] [hw:0,0] supports PCM format 176400/32/1
[0000036] 0.030 TRACE [alsa] [hw:0,0] supports PCM format 192000/16/1
[0000037] 0.030 TRACE [alsa] [hw:0,0] supports PCM format 192000/24/1
[0000038] 0.030 TRACE [alsa] [hw:0,0] supports PCM format 192000/32/1
[0000039] 0.030 TRACE [alsa] [hw:0,0] supports PCM format 352800/16/1
[0000040] 0.030 TRACE [alsa] [hw:0,0] supports PCM format 352800/24/1
[0000041] 0.030 TRACE [alsa] [hw:0,0] supports PCM format 352800/32/1
[0000042] 0.030 TRACE [alsa] [hw:0,0] supports PCM format 384000/16/1
[0000043] 0.030 TRACE [alsa] [hw:0,0] supports PCM format 384000/24/1
[0000044] 0.030 TRACE [alsa] [hw:0,0] supports PCM format 384000/32/1
[0000045] 0.032 TRACE [alsa] [hw:0,0] supports PCM format 44100/16/2
[0000046] 0.045 TRACE [alsa] [hw:0,0] supports PCM format 44100/24/2
[0000047] 0.046 TRACE [alsa] [hw:0,0] supports PCM format 44100/32/2
[0000048] 0.046 TRACE [alsa] [hw:0,0] supports PCM format 48000/16/2
[0000049] 0.046 TRACE [alsa] [hw:0,0] supports PCM format 48000/24/2
[0000050] 0.047 TRACE [alsa] [hw:0,0] supports PCM format 48000/32/2
[0000051] 0.047 TRACE [alsa] [hw:0,0] supports PCM format 88200/16/2
[0000052] 0.047 TRACE [alsa] [hw:0,0] supports PCM format 88200/24/2
[0000053] 0.048 TRACE [alsa] [hw:0,0] supports PCM format 88200/32/2
[0000054] 0.048 TRACE [alsa] [hw:0,0] supports PCM format 96000/16/2
[0000055] 0.048 TRACE [alsa] [hw:0,0] supports PCM format 96000/24/2
[0000056] 0.048 TRACE [alsa] [hw:0,0] supports PCM format 96000/32/2
[0000057] 0.048 TRACE [alsa] [hw:0,0] supports PCM format 176400/16/2
[0000058] 0.048 TRACE [alsa] [hw:0,0] supports PCM format 176400/24/2
[0000059] 0.048 TRACE [alsa] [hw:0,0] supports PCM format 176400/32/2
[0000060] 0.048 TRACE [alsa] [hw:0,0] supports PCM format 192000/16/2
[0000061] 0.049 TRACE [alsa] [hw:0,0] supports PCM format 192000/24/2
[0000062] 0.049 TRACE [alsa] [hw:0,0] supports PCM format 192000/32/2
[0000063] 0.049 TRACE [alsa] [hw:0,0] supports PCM format 352800/16/2
[0000064] 0.054 TRACE [alsa] [hw:0,0] supports PCM format 352800/24/2
[0000065] 0.054 TRACE [alsa] [hw:0,0] supports PCM format 352800/32/2
[0000066] 0.054 TRACE [alsa] [hw:0,0] supports PCM format 384000/16/2
[0000067] 0.054 TRACE [alsa] [hw:0,0] supports PCM format 384000/24/2
[0000068] 0.054 TRACE [alsa] [hw:0,0] supports PCM format 384000/32/2
[0000069] 0.156 TRACE [output/alsa] initialized
[0000070] 0.156 TRACE [volume/null] initialized
[0000071] 0.156 TRACE [watch/alsa] initializing watch device=hw:0 exit_on_lost=1
```

```
[0000072] 0.156 TRACE [watch/alsa] initialized
[0000073] 0.156 TRACE [info] inserting unique_id -> 4fe7d5ab-1948-4997-8d06-408686a32c96
[0000074] 0.157 TRACE [info] inserting vendor -> Sonore
[0000075] 0.157 TRACE [info] inserting serial -> 00C547
[0000076] 0.157 TRACE [info] inserting config_url -> http://__SELF__
[0000077] 0.157 TRACE [info] inserting model -> microRendu
[0000078] 0.157 TRACE [info] inserting version -> 1.1.22
[0000079] 0.157 INFO [server] listening on port 42743
[0000080] 0.157 TRACE [discovery] starting
[0000081] 0.161 INFO [discovery] [iface:127.0.0.1] multicast recv socket is bound to 0.0.0.0:9003
[0000082] 0.161 INFO [discovery] [iface:127.0.0.1] multicast send socket is bound to 0.0.0.0:54868
[0000083] 0.161 INFO [discovery] [iface:192.168.1.32] multicast recv socket is bound to 0.0.0.0:9003
[0000084] 0.162 INFO [discovery] [iface:192.168.1.32] multicast send socket is bound to 0.0.0.0:50244
[0000085] 0.162 INFO [discovery] unicast socket is bound to 0.0.0.0:9003
[0000086] 0.162 TRACE [device] announcing DiscoveryMessage[type=QUERY, transactionid=254515FE-F6B4-8414-F66E-FDB8FD3A02CF, Data={
"unique_id": "4fe7d5ab-1948-4997-8d06-408686a32c96", "raat_version": "1.1.21", "vendor": "Sonore", "protocol_version": "3", "serial": "00C547", "model":
"microRendu", "version": "1.1.22", "config_url": "http://__SELF__", "service_id": "5e2042ad-9bc5-4508-be92-ff6819bdc93", "tcp_port": "42743", }]
[0000087] 0.202 TRACE [server] [192.168.1.25:57921] accepted connection
[0000088] 0.209 TRACE [session] [192.168.1.25:57921] created: 0x8b5b38 (0x8bd848)
[0000089] 0.220 TRACE [server] new script with name=raat.dat:base.lua module=base
[0000090] 0.220 TRACE [session] [192.168.1.25:57921] pre-loading lua module base
[0000091] 0.233 TRACE [server] new script with name=raat.dat:dkjson.lua module=dkjson
[0000092] 0.233 TRACE [session] [192.168.1.25:57921] pre-loading lua module dkjson
[0000093] 0.241 TRACE [server] new script with name=raat.dat:protocol.lua module=protocol
[0000094] 0.259 TRACE [session] [192.168.1.25:57921] pre-loading lua module protocol
[0000095] 0.272 TRACE [server] new script with name=raat.dat:roon_tcp.lua module=(null)
[0000096] 0.273 TRACE [session] [192.168.1.25:57921] executing lua script
[0000097] 0.281 TRACE [server] [192.168.1.25:57921] SENT[LL] [1] {"status": "Success"}
[0000098] 0.281 TRACE [server] [192.168.1.25:57921] SENT[LL] [2] {"status": "Success"}
[0000099] 0.281 TRACE [server] [192.168.1.25:57921] SENT[LL] [3] {"status": "Success"}
[0000100] 0.302 WARNING [lua@0x8b5d24] [192.168.1.25:57921] failed set recv buffer size: nil
[0000101] 0.302 TRACE [lua@0x8b5d24] [192.168.1.25:57921] [roon] clock socket listening on udp 0.0.0.0:60688
[0000102] 0.302 TRACE [lua@0x8b5d24] [192.168.1.25:57921] [roon] audio socket listening on tcp 0.0.0.0:42577
[0000103] 0.302 TRACE [lua@0x8b5d24] [192.168.1.25:57921] [roon] output info {"config": {"device": "hw:0,0", "type": "alsa", "signal_path": {"quality":
"lossless", "type": "output", "method": "usb"}}, "buffer_duration": 0.050000000000000003, "dsd_mode": "native", "alsa_device": {"id": "DAC", "usbid":
"25ce:0025", "driver": "USB-Audio", "components": "DAC", "longname": "Mytek Digital Brooklyn DAC+ at usb-ci_hdc.1-1.1.4, high speed", "name": "Brooklyn
DAC+", "mixername": "USB Mixer"}}
[0000104] 0.303 TRACE [lua@0x8b5d24] [192.168.1.25:57921] [roon] volume info {"config": {"type": "null", "optional": true}}
[0000105] 0.303 TRACE [server] [192.168.1.25:57921] SENT[LL] [4] {"status": "Success"}
[0000106] 0.307 TRACE [lua@0x8b5d24] [192.168.1.25:57921] GOT [2] {"request": "info"}
[0000107] 0.316 TRACE [lua@0x8b5d24] [192.168.1.25:57921] SENT [2] {"output":
{"supported_formats": "192000/24/112,88200/32/112,96000/32/112,96000/24/112,48000/32/112,352800/32/112,44100/24/112,176400/16/112,96000/16-
{"alsa_device": {"longname": "Mytek Digital Brooklyn DAC+ at usb-ci_hdc.1-1.1.4, high speed", "driver": "USB-
Audio", "components": "DAC", "usbid": "25ce:0025", "id": "DAC", "mixername": "USB Mixer", "name": "Brooklyn DAC+"}, "config": {"signal_path":
{"quality": "lossless", "type": "output", "method": "usb"}}, "dsd_mode": "native", "type": "alsa", "device": {"hw:0,0", "buffer_duration": 0.05}}, "platform":
{"os": "linux", "uname": {"version": "#1 SMP Tue Sep 26 17:54:27 EDT 2017", "machine": "armv7l", "nodename": "microRendu72", "release": "4.12.13-
200.fc25.armv7hl", "sysname": "Linux"}}, "volume": {"is_supported": true, "info": {"config": {"type": "null
[0000108] 0.317 TRACE [lua@0x8b5d24] [192.168.1.25:57921] GOT [3] {"request": "set_client_type", "client_type": "Roon"}
[0000109] 0.318 TRACE [lua@0x8b5d24] [192.168.1.25:57921] SENT [3] {"status": "Success"}
[0000110] 0.326 TRACE [lua@0x8b5d24] [192.168.1.25:57921] GOT [4] {"request": "subscribe_transport"}
[0000111] 0.328 TRACE [lua@0x8b5d24] [192.168.1.25:57921] GOT [5] {"request": "subscribe_controls", "controller_id": "d27cee10-9edb-4875-93b6-
34df1b409773"}
[0000112] 0.330 TRACE [lua@0x8b5d24] [192.168.1.25:57921] SENT [5] {"status": "Success", "action": "Changed", "controls": {"volume":
{"min": 0.0, "step": 1.0, "type": "none", "max": 0.0, "mute": false, "info": {"config": {"type": "null", "optional": true}}, "value": 0}}}
[0000113] 56.230 TRACE [lua@0x8b5d24] [192.168.1.25:57921] GOT [6] {"request": "setup", "format":
{"sample_type": "pcm", "sample_rate": 352800, "bits_per_sample": 32, "channels": 2, "sample_subtype": "none"}}
[0000114] 56.230 TRACE [alsa] output setup: format is pcm 352800/32/2
[0000115] 56.230 TRACE [alsa] opening [hw:0,0] 352800/32/2
[0000116] 56.231 TRACE [alsa] prefer larger samples = 0
[0000117] 56.231 TRACE [ALSA] [hw:0,0] using hw pcmformat S32_LE bitspersample 32
[0000118] 56.232 TRACE [ALSA] [hw:0,0] Requesting 2 periods
[0000119] 56.232 TRACE [ALSA] [hw:0,0] Requesting 17640 frames/buffer (8820 frames/period)
[0000120] 56.232 TRACE [ALSA] [hw:0,0] Initialized with 2 periods with 8820 frames/period and 17640 frames/buffer
[0000121] 56.237 TRACE [sched_setscheduler] succeeded
[0000122] 56.237 TRACE [alsa] samples per buf 8820 ns per buf 25000000 samplerate 352800
[0000123] 56.237 TRACE [alsa] 8820 samples per buf, 70560 bytes per buf, 70560 bytes per hwbuf
[0000124] 56.237 TRACE [output/alsa] [hw:0,0] waiting for device to be ready
[0000125] 56.237 TRACE [output/alsa] [hw:0,0] device is ready
[0000126] 56.237 TRACE [lua@0x8b5d24] [192.168.1.25:57921] got output message {"signal_path": {"quality": "lossless", "type": "output", "method": "usb"}}
[0000127] 56.249 TRACE [lua@0x8b5d24] [192.168.1.25:57921] SENT [6] {"status": "OutputMessage", "message": {"signal_path":
{"quality": "lossless", "type": "output", "method": "usb"}}}
[0000128] 56.269 TRACE [lua@0x8b5d24] [192.168.1.25:57921] SENT [6] {"status": "Success", "clock_port": 60688, "audio_port_tcp": 42577, "audio_port": 0}
[0000129] 56.353 TRACE [lua@0x8b5d24] [192.168.1.25:57921] GOT [7]
{"request": "stream", "stream_id": 948280158, "first_seq": -1, "nak_port": -1, "buffer_size": 5}
[0000130] 56.353 TRACE [lua@0x8b5d24] [192.168.1.25:57921] SENT [7] {"status": "Buffering"}
[0000131] 57.055 TRACE [lua@0x8b5d24] [192.168.1.25:57921] SENT [7] {"status": "Ready"}
```

```
[0000132] 57.115 TRACE [lua@0x8b5d24] [192.168.1.25:57921] GOT [8] {"request":"start","min_offset":70873015,"stream_sample":0}
[0000133] 57.115 TRACE [lua@0x8b5d24] [192.168.1.25:57921] Doing ASAP start based on current device clock (min_offset=70873015)
[0000134] 57.115 TRACE [lua@0x8b5d24] [192.168.1.25:57921] SENT [7] {"status":"Playing"}
[0000135] 57.117 TRACE [lua@0x8b5d24] [192.168.1.25:57921] SENT [8] {"status":"Success","time":967860834}
[0000136] 57.117 TRACE starting playback: now (950000000ns) + ns_per_buf(25000000ns) = 975000000ns > 967860834ns streamsample=0
[0000137] 120.062 TRACE [server] [127.0.0.1:52264] accepted connection
[0000138] 120.069 TRACE [session] [127.0.0.1:52264] created: 0x8b7578 (0x8ba578)
11/10/2017 12:44:34 - -----
11/10/2017 12:44:34 - aplay -l
**** List of PLAYBACK Hardware Devices ****
card 0: DAC [Brooklyn DAC+], device 0: USB Audio [USB Audio]
Subdevices: 0/1
Subdevice #0: subdevice #0
```