

iMac 24" M1
Room
 Tidal & Quobuz HiRes Abo
 LAN 192.168.20.2

See separate Schema IT Front End

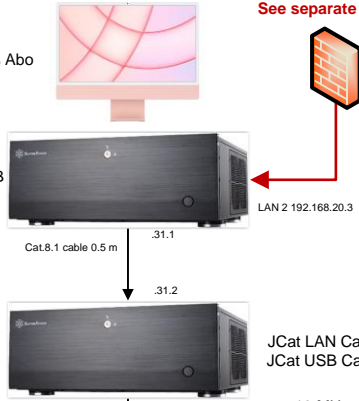
Meinberg
 GPS-SCR
 GPS disciplined
 10 MHz normal



Room Server
 Jplay Classic 'Control PC'
 6-core i7, 12 threads, 32 GB
 RAM, Windows 10 Pro,
 Audiophile Optimizer 3.0

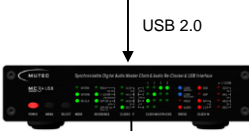
Jplay Classic 'Audio PC'
 in Hybernation Mode
 Low Power
 Quadcore Xeon,
 16 GB ECC RAM,
 Windows 10 Pro,
 Audiophile Optimizer 3.0
 USB 2.0 Kernel Streaming

Mutec MC-3+USB



JCat LAN Card on ext. LPSU
 JCat USB Card on ext. LPSU

10 MHz
 Pulse
 from
 Ref.10
 SE 120



AES 192/24

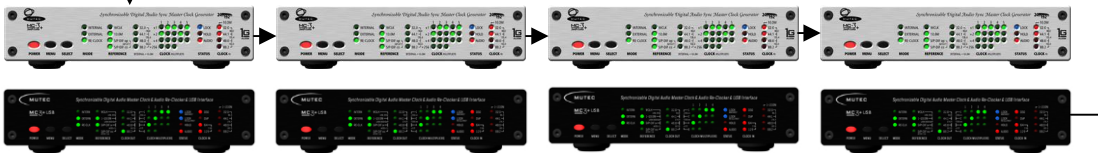


Grimm CC-1
 Slave

Wordclock 96 kHz



Trinnov ST-2
 Room optimizer, Slave
 Sync from AES input

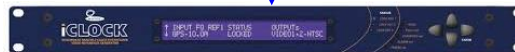


8-Stage Jitter Scrubbing Bank 4 x Mutec MC-3+USB, 4 x Mutec MC-3+
 All synced to Mutec Ref.10 SE 120 Master Clock

T = Termination



10 MHz
 Sine **All Outputs: T**



All Outputs: T

Mutec iClock
 Clock distributor & rate converter,
 10 MHz Slave

2 x 48 kHz to Dolby Atmos side and rear equalizers

6-core i7, 12 threads, 16 GB RAM, manually optimized
 Windows 11 Pro, Nvidia CUDA, HQ Player 5 Desktop,
 ASIO In, LAN Out DSD 512 (1/22.5M)



Mutec MC-1.2

USB 2.0

Intona USB Isolator

Transcoder 192/24 PCM > DSD x8 (DSD 512)

AES 192/24



LAN
 192.168.4.254



DSD 512 22.5 MHz
 JWAN (DHCP Client)
 iFi Network Isolator
 JRS EcoWiFi AP in Router Mode
 LAN 192.168.4.1 DHCP Server on
 Admin & Updates

Huber & Suhner
 Impedance matching
 Pad 75 > 50 Ohms

10 MHz
 Pulse
 from
 Ref.10
 SE 120
 75
 Ohms



NAA (DHCP Client)
 Gustarenderer v1.42

Gustard R26 R-2R DAC in native DSD Mode
 NAA FIFO Out on 10 MHz External Clock (Mutec)

To 2 x Accuphase M1000 1 kW
 MonoBlock Amps
 & Dynaudio Confidence
 C4 Signature



Mutec Ref.10 SE 120
 -120 dBc/Hz @1 Hz
 Ultra low phase noise master clock
 8 x 10 MHz Pulse, 75 Ohm Output to 8 Reclocker, USB
 Interface, DAC and LHY Audio audiophile switch

Peter's Audio Chain 04/2024

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