Home Multimedia Setup

Castle, Yamaha, JBL
5.1 Surround

Audiolab 8000S Integrated Amplifier
Audiolab 8000P Power Amplifier
Bi-amping

Hi-Fi Speakers
Castle Acoustics
Pembroke

37" 1080p
TV

Yamaha RX-V995
A/V Receiver

VFD Display

Optical S/PDIF
Extractor

"Clean" Hi-Fi system
Plenty of English sound there!

RCA

roon

Network music streamer
32/384 PCM DAC

USB

Very cheap computer (£25), very low power (3W), yet **full-featured full HD front-end**

HDMI

Ethernet

Raspberry Pi 2
IQaudIO Pi-DACZero
DietPi

Music server – Where the music is managed. More than 60 days worth of continuous tunes!

Main Home Theatre System Big booms and whiiizzs

KODI

Raspberry Pi 3   LibreELEC

Ethernet

Ethernet

GigE Switch

Ethernet

Ethernet

Ethernet

roon

Ethernet

Laptop - Ubuntu

BEDROOM

Hi-Fi Speakers
Wharfedale
Diamond 9.1

32" 720p
TV

Rotel RA-820BX

Freeview

DVB-T2   DVB-T2

MySQL DB

TV
Server

ASUS eeeBox B202
Ubuntu Linux

Ethernet

USB

Ethernet

Ethernet

2TB
2TB
2TB
2TB
2TB

LenovoEMC
px6-300d

8 TB – RAID5

Ethernet

Apple
AirPort

WiFi N
2.4 and 5 GHz
300 Mbps

Ethernet

Network
Security

Sky Hub

Internet
(Fiber 39/10)

Musical Fidelity V-DAC v1

Central pool of tuners for all TV recording and watching, SD, HD and ad-free!

Low power (20W) server for live and recorded TV, videos, music, backups, databases and more…

All the central media capabilities are available from all parts of the house. A movie can be started in the lounge, then resumed in the bedroom

Central storage
Music, movies, TV series, recording and backups, shared over the network (NFSv4)

LIVING ROOM

HDMI   USB

roon

KODI

Raspberry Pi 2
LibreELEC

Very cheap computer (£25), very low power (3W), yet **full-featured full HD front-end** and **network music Streamer**

KODI   roon

Laptops – Phones - Tablets