

# Munich M1

*A maximized Hi-Fi experience in the tiniest audio system.*



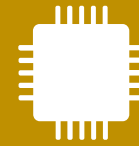
SILENT ANGEL



*Compact Size: 155\*50.4\*110mm; Light Weight: 0.95kg*

# Product Features

Functionally Agile Hi-Fi Music Streamer.



## SPECIALIZED MAIN BOARD

Expertly designed heat-sink on CPU, lowering 20 °C operating temperature; EMI absorber embedded, filtering all possible noises in the device itself.



## ULTRA-HIGH SPEED NETWORK

Gigabit Ethernet interface as a real time-saver working with NAS or any large scale music data transmission.



## ENRICHED AUDIO APPLICATIONS

Spotify Connect, Roon Ready, Airplay2, DLNA, USB Audio, via **VitOS Orbiter** to explore more streaming services(Qobuz, HighResAudio), and support MQA file.



## FIEXIBLE PERIPHERAL EXTENSIONS

Both balanced digital and analog outputs; M-IO\*1, and M-LINK\*1, Extra storage USB 3.0\*2, and USB 2.0\*1, 6.35mm headphone jack in the front panel.



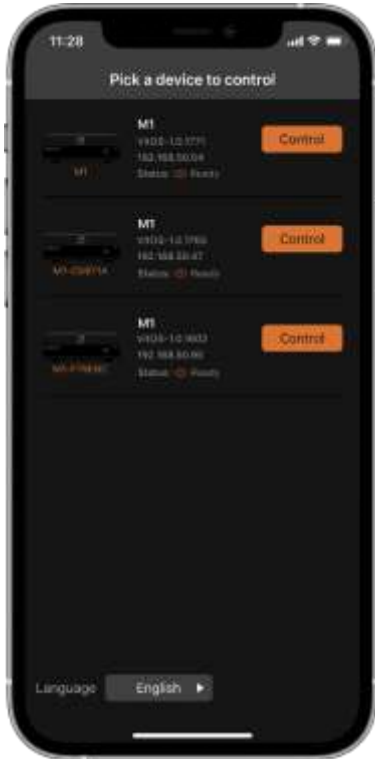
# VitOS Orbiter



Orbiter

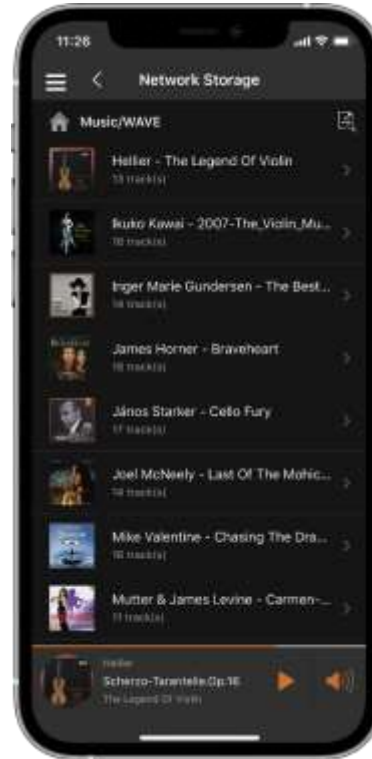
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App Store

GET IT ON  
Google Play



Browsing in the  
same LAN. →

Choosing the  
audio approach. →



Exploring the  
music collection →

Presenting the  
music metadata →



Controlling  
Hi-Fi playback



Low latency, high efficiency, seamlessly operating Munich Hi-Fi audio products.



SILENT ANGEL

# Audio Scenarios

Hi-Fi DAC & Headphone Amp to fulfill versatile audio dreams.

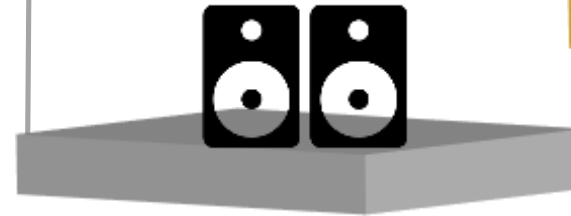


Integrate Audio Gears

Reshape The Sounds



Reflect Music Emotions



Embrace Hi-Fi Life



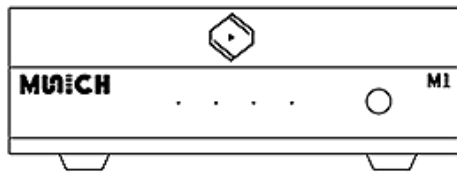
HD Music along with Munich.



# Audio Scenario 1



Orbiter + M1 + Headphones



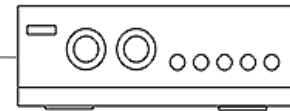
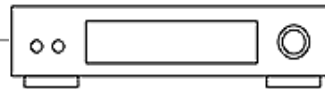
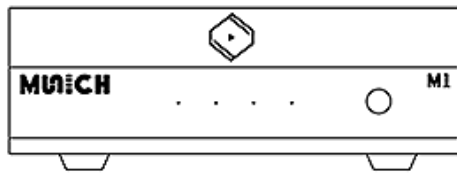
# Audio Scenario 2



Orbiter + M1 + DAC + Amp + Headphones



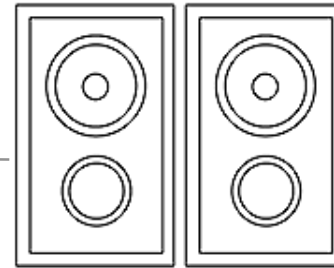
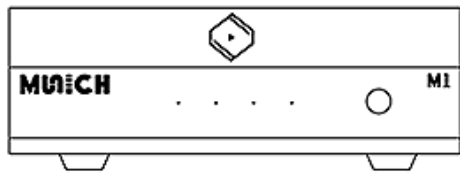
Integrate Audio  
Gears



# Audio Scenario 3



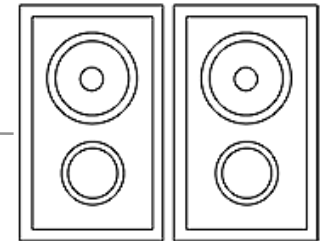
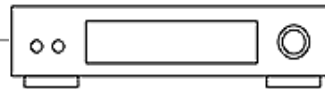
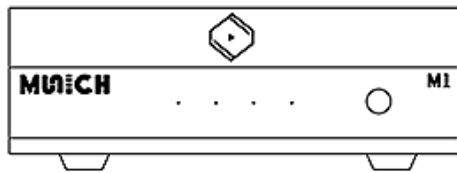
Orbiter + M1 + Active Speakers



# Audio Scenario 4



Orbiter + M1 + DAC + Amp + Speakers





# Upgrade Method

Silent Angel Hi-Fi Audio Source System.



Bonn N8 - Audio Network Switch



Munich M1 - Hi-Fi Music Streamer



Forester F1 - Linear Power Supply

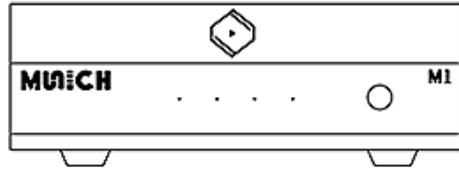


Bastei - DC Upgrade Cable



# Model Comparison

## Munich



### M1

CPU 4 Cores, 1.5GHz, ARM Cortex-A72

DRAM 2, 4, 8GB

Flash 32 GB High Speed

LAN Speed Gigabit Ethernet(1000Mbps)

Digital Outputs AES/EBU, Coaxial, I2S, USB

PCM Sampling Rate 384kHz(AES/EBU, Coaxial, I2S), 768KHz(USB)

DSD Sampling Rate 5.6MHz(AES/EBU, Coaxial, I2S), 11.2MHz(USB)

Analog Outputs RCA(L+R), Headphone Jack 6.35mm

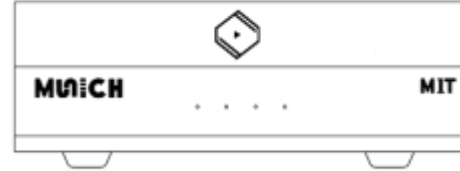
Wi-Fi X

Bluetooth X

Network Protocol SMB for NAS, DLNA Renderer, AirPlay2, Roon Ready

Scan Performance 150,000 Tracks/35 mins

Extendable Storage USB3.0 x2, USB2.0 x1



### M1T

CPU 4 Cores, 1.5GHz, ARM Cortex-A72

DRAM 2, 4, 8GB

Flash 32 GB High Speed

LAN Speed Gigabit Ethernet(1000Mbps)

Digital Outputs AES/EBU, Coaxial, I2S, USB

PCM Sampling Rate 384kHz(AES/EBU, Coaxial, I2S), 768KHz(USB)

DSD Sampling Rate 5.6MHz(AES/EBU, Coaxial, I2S), 11.2MHz(USB)

Analog Outputs X

Wi-Fi X

Bluetooth X

Network Protocol SMB for NAS, DLNA Renderer, AirPlay2, Roon Ready

Scan Performance 150,000 Tracks/35 mins

Extendable Storage USB3.0 x2, USB2.0 x1

## Bremen

### B1

CPU 2 Cores, 1.2GHz, ARM Cortex-A72

DRAM 128MB

Flash 128MB

LAN Speed Fast Ethernet(100Mbps)

Digital Outputs AES/EBU, Coaxial, I2S

PCM Sampling Rate 192Hz(AES/EBU, Coaxial, I2S)

DSD Sampling Rate X

Analog Outputs RCA(L+R), Headphone Jack 6.35mm

Wi-Fi 802.11 a/b/g/n/ac 2.4GHz, and 5GHz

Bluetooth 5.0 with EDR & BLE

Network Protocol DLNA Renderer (for NAS)

Scan Performance X

Extendable Storage X

### B1T

CPU 2 Cores, 1.2GHz, ARM Cortex-A72

DRAM 128MB

Flash 128MB

LAN Speed Fast Ethernet(100Mbps)

Digital Outputs AES/EBU, Coaxial, I2S

PCM Sampling Rate 192Hz(AES/EBU, Coaxial, I2S)

DSD Sampling Rate X

Analog Outputs X

Wi-Fi 802.11 a/b/g/n/ac 2.4GHz, and 5GHz


Bluetooth 5.0 with EDR & BLE

Network Protocol DLNA Renderer (for NAS)

Scan Performance X


Extendable Storage X



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**FLY**



**WITH US!**

