MELCO

MELCO RANGE

Masters of the Art

MELCO

MELCO AUDIO

Melco was established by Makoto Maki in 1975 in Japan. Maki, an enthusiastic audiophile, established the company to design and manufacture the finest audio components of the time – the undoubted masterpiece of the Melco line being the turntable, introduced into the UK in 1980, which set new standards in music reproduction.

From those early beginnings Melco developed into the largest computer peripherals manufacturer in Japan, offering advanced products based on rigorous R&D, including wireless routers, Ethernet data switches and storage devices such as NAS drives.

Now the Company is proud to revive the highly respected Melco brand, offering discerning audiophiles high technology networked audio components in the spirit of those much revered early Melco products, while incorporating the very latest research into reliable high performance networked devices and storage.

'Melco' stands for Maki Engineering Laboratory Company.

Digital Music requires the finest components to do justice to the craft of the recording engineers and the artistry of the musicians.

Melco created the concept of the Digital Music Library from the ground up as an Audiophile component, free of the compromise of mass produced IT components.

Whether playing into a USB-DAC, or into a Network connected streamer, both locally stored Hi-Res music, or streaming services such as Qobuz or TIDAL, Melco elevates the whole digital music experience to a new level, even at the entry level.

Rather than take our word for the astonishing musical experience that Melco can deliver, please check out the comments of reviewers and critics worldwide, and learn how Melco improves the performance of any digital music system.

hi-fi+
INNOVATION AWARDS
2021
SOUND INVESTMENT

MELCO

THE RANGE

Hand-crafted in Japan, Melco digital music libraries are unique. Highly advanced in their design and architecture, they shun the sonic compromises of standard computer hardware, instead using audio-specific components and software for superior performance, reliability and sound quality. Melco debuted the world's first audiophile-grade digital library in 2014 and has been innovating ever since.

N100

N50

N10/2

N10/2
45TH ANNIVERSARY EDITION

S10

S100

D100

E100

MELCO

N100

MELCO
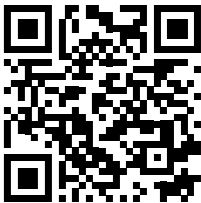
N100

The N100 is the entry-level Melco music library and is the ideal way for new users to store and play music with either a USB DAC or network music player (streamer).

A half-width chassis, the size and design matches the D100 optical drive, E100 storage drive and S100 network switch.

Made in Japan by "Takumi" ("Master" in Japanese).

Works well with: S100, D100 and E100

SPECIFICATION

Music storage
1 x 3.5 inch selected HDD2TB on Melco HS-S2 isolation platform

Network connectivity
LAN Port-Gigabit Ethernet (1000Base-T),
PLAYER port,
Gigabit Ethernet (1000Base-T),
DHCP server in isolated mode

USB connectivity
USB2.0 Front panel x 1
USB2.0 Rear panel x 2

Assignable as DAC, backup, import, expansion

USB Player sample rate support 16-32 bit (PCM) to 384kHz:- auto downsample to suit connected DAC.
Gapless PCM supported.
1 bit (DSD) to 11.3MHz Quad DSD.
Markerless DSD supported.
DSD to 32bit PCM conversion selectable.

Gapless DSD supported.
OLED displays player sample rate.

Power supply
Universal power adapter 100-240V AC 48W

Size 215 x 61 x 269mm (W H L)
Weight 3kg

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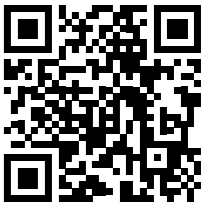
Discover the N50 in more detail.

N 5 0

N50

The Melco N50-S38 is the first SSD model in a full width (43cm) chassis. It is easy to import from CD, USB memory, or music data on your PC. Back up your important music collection simply from front display menu.

You can play music from an app on your smart phone or tablet which beautifully lists your music collection with cover art, artist/album information. The Melco Music HD app is only available for iPads. If you connect USB DAC, N50 becomes a transport of streaming services and becomes a Roon Ready device. Unlike a server for the office, the Melco Music library is purely designed for audio playback.

Works well with: S100, D100 and E100

SPECIFICATION

Music storage
1 x specially selected SSD

Network connectivity
LAN Port-Gigabit Ethernet (1000Base-T),
PLAYER port,
Gigabit Ethernet (1000Base-T),
DHCP server in isolated mode

USB connectivity
USB2.0 port USB-DAC dedicated,
USB3.0 backup port,
USB3.0 expansion port, USB3.0

port for music import & CD drive,
USB3.0 front panel port for import & DAC
USB player file support DSF, DFF, FLAC, WAV, ALAC, AIFF, AAC

USB player sample rate support
16-32 bit (PCM) to 384kHz:- auto downsample to suit connected DAC.
Gapless PCM supported.
1 bit (DSD) to 11.3MHz Quad DSD.
Markerless DSD supported.

DSD to 32bit PCM conversion selectable.
Gapless DSD supported.
OLED displays player sample rate.
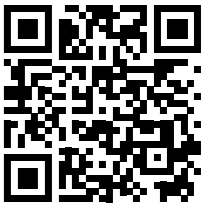
Power supply
100-120VAC, 220-240VAC

Size 436 x 62 x 352mm
Weight 7kg

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Discover the N10 in more detail.

N10/2

The Melco N10/2 (Melco's flagship product) is a two-box solution designed to improve sound quality by separating power supply and the head unit.

The compact half-size head unit is available with either a 5TB 2.5" SFF HDD or 3.84TB SSD with all signal processing and connectivity, while the separate linear power supply is totally isolated from the head unit.

The elegant solid aluminium casework has the familiar Melco OLED display and simple four-button interface for delightfully simple operation and setup.

Works well with: S10, D100 and E100

hi-finews OUTSTANDING PRODUCT

hi-fi+ AWARD WINNER 2021

the ear BEST of 2021 the-ear.net

HIFICRITIC RECOMMENDED

HI-FI WORLD

SPECIFICATION

Music storage
N10/2-H50 1 x 2.5 inch selected HDD 5TB on Melco HS-S2 isolation platform

N10/2-S38 1 x 3.84TB selected SSD on Melco HS-S2 isolation platform

Network connectivity
LAN Port-Gigabit Ethernet (1000Base-T), PLAYER port, Gigabit Ethernet (1000Base-T), DHCP server in isolated mode

USB connectivity
USB2.0 Front panel x 1
USB2.0 Rear panel x 2
Assignable as DAC, backup, import, expansion

USB Player sample rate support
16-32 bit (PCM) to 384kHz:- auto downsample to suit connected DAC. Gapless PCM supported. 1 bit (DSD) to 11.3MHz Quad DSD. Markerless DSD supported. DSD to 32bit PCM conversion
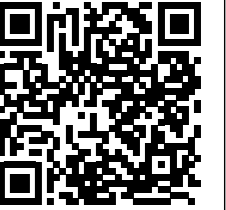
selectable.
Gapless DSD supported. OLED displays player sample rate.

Power supply
Pre-set 220-240V AC or 110-120V AC dependant on market. Low-noise, linear power supply

Size 215 x 61 x 269mm (W H L)
Weight Head unit Approx 3.5kg
Weight Power supply Approx 5.0kg

Melco

N10 45

N10/2 45

Limited to 50 units and only in Europe. HDD capacity is 5TB.

The Melco N10 is a two-box solution designed to improve sound quality by separating the power supply and the head unit.

It benefits from a compact half-size head unit with all signal processing and connectivity, while the separate linear power supply is totally isolated from the head unit.

The elegant solid aluminium casework has the familiar Melco OLED display and simple four-button interface for delightfully simple operation and setup.

Works well with: S10, D100 and E100

SPECIFICATION

Music storage
1 x 2.5 inch selected HDD 3TB on Melco HS-S2 isolation platform

Network connectivity
LAN Port-Gigabit Ethernet (1000Base-T), PLAYER port, Gigabit Ethernet (1000Base-T), DHCP server in isolated mode

USB connectivity
USB2.0 Front panel x 1
USB2.0 Rear panel x 2
Assignable as DAC, backup, import, expansion

USB Player sample rate support
16-32 bit (PCM) to 384kHz:- auto downsample to suit connected DAC.
Gapless PCM supported.
1 bit (DSD) to 11.3MHz Quad DSD.
Markerless DSD supported.
DSD to 32bit PCM conversion selectable.
Gapless DSD supported.
OLED displays player sample rate.

Power supply
Pre-set 220-240V AC or 110-120V AC dependant on market.
Low-noise, linear power supply

Size 215 x 61 x 269mm (W H L)
Weight Head unit Approx 3.5kg
Weight Power supply Approx 5.0kg

MELCO

Discover the S100 in more detail.

S 1 0 0

S 1 0 0

The Melco S100 is quite an unusual architecture compared to an IT dataswitch. There are four 100Mb RJ45 ports – these provide the best audio quality.

There are four 1Gb ports – these are ideal for PC connectivity, and are ideal for the Roon Core processor which generates high traffic flow.

SPECIFICATION

Connectivity

Ports
4 x 100Mb/E RJ45
4 x 1000Mb/E RJ45
2 x Fibre SFP/LC

Power
12V 1 amp 5.7mm coax

Size 215 x 61 x 269mm (W H L)
Weight 2.5kG

MELCO

S10

S10

The Melco S10 is our flagship, high performance switch which has all the unusual architecture seen in the S100 compared to an IT dataswitch, but we have added a separate half width toroidal power supply to push sound quality to the next level. There are four 100Mb RJ45 ports – these provide the best audio quality. There are four 1Gb ports – these are ideal for PC connectivity, and are ideal for the Roon Core processor which generates high traffic flow.

SPECIFICATION

Connectivity

Ports
4 x 100Mb/E RJ45
4 x 1000Mb/E RJ45
2 x Fibre SFP/LC
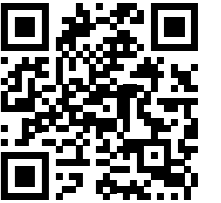
Power
Dedicated 12V Toroidal Separate
Power Supply

Size 215 x 61 x 269mm (W H L)
Weight 13KG

MELCO

Discover the D100 in more detail.

D100

D100 embeds the most recent generation of Japanese optical drive which reads CD and Optical Discs with great precision.

MELCO branded circuit board is optimised from audiophile point of view to promise the highest quality transport and ripping of CD into N1.

It can be turned off with the dedicated power switch.

HI-FI WORLD

SPECIFICATION

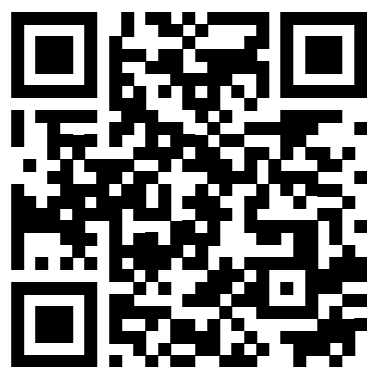|	
Optical disc support	**Power supply**
CD (CD-DA disc read only)	DC 12v (48W AC adapter)
DVD / BD (DVD / BD data disc read only)	
	Size 215 x 61 x 269mm (W H L)
	Weight 3.5kg
USB ports	
USB 3.0 Type A x 1 "TO DEVICE",	
USB 3.0 Type B x 1 "TO HOST"	
Compatible equipment	
Melco N1, N10 and N100 series.	
Windows 10 PC. Mac High Seria OS	

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Discover the E100
in more detail.

E100

E100 embeds a carefully selected 3TB HDD.
The drive is supported using MELCO's Highly Stable
Storage System (HS-S2) which was used in the flagship
N1ZS/2A.

Using our own MELCO branded circuit board, this is
optimized from an audiophile point of view to promise
the highest quality transport.

SPECIFICATION

HDD
1 x selected 3TB HDD mounted
with Melco HS-S2

USB ports
USB 3.0 Type A x 1 "TO DEVICE",
USB 3.0 Type B x 1 "TO HOST"

Compatible equipment
Melco N1, N10 and N100 series.
Windows 10 PC. Mac High Seria
OS

Power supply
DC 12v (48W AC adapter)

Size 215 x 61 x 269mm (W H L)
Weight 3.6kg

Sound Matters
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news and reviews

MELCO

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hi-fi+ INNOVATION AWARDS 2021 SOUND INVESTMENT

hi-fi+ AWARD WINNER 2021

hi-finews OUTSTANDING PRODUCT

HI-FI WORLD

HIFI AND MUSIC SOURCE NEWS, REVIEWS AND VIEWS EDITOR'S PICK

HIFICRITIC RECOMMENDED

HIFICRITIC BEST BUY

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the ear EDITOR'S CHOICE the-ear.net

the ear BEST of 2021 the-ear.net

HiFi PiG MAGAZiNE

Applause Award stereonet

PURSUIT PERFECT SYSTEM SPECIAL PERFORMER

PURSUIT PERFECT SYSTEM ESSENTIAL AUDITION

OUTSTANDING ★★★★★

HIGHLY RECOMMENDED ★★★★★