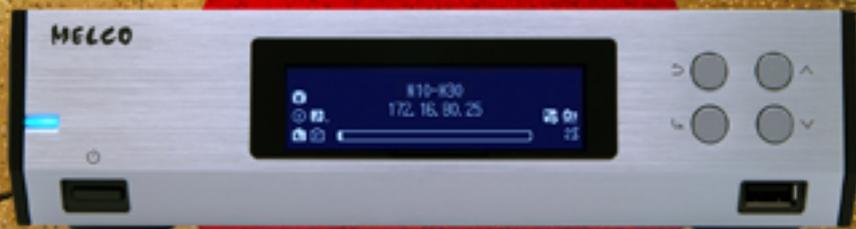


MADE IN JAPAN BY AUDIO MASTERS



MELCO

SOUND INVESTMENT

The only Hi-Res digital music source for every application

Play music to a network streamer

Melco will store your Hi-Res or CD-quality music and stream to a network streamer. The unique Melco PLAYER Ethernet port enhances sound quality compared to computer or conventional NAS storage by eliminating any IT components in the music path.

Play to a USB DAC

Melco will play your Hi-Res or CD-quality music into a USB DAC with no configuration – simple plug and play. Melco supports all Hi-Res formats with astonishing sound quality.

Stream TIDAL and Qobuz

Internet streaming sites can be played in standard or Hi-Res into a USB DAC. Melco uses unique data reconstruction that significantly lifts the sound quality of streams which have been right around the globe.

Stream to multi-room

Melco additionally supports streaming of both locally stored music and network-stored music on PC or NAS and streaming sources to multi-room systems. Multi-room support at the same time as all the other functions.

The standard

The Melco music library provides archival storage of digital music including all Hi-Res formats with playback into both network streamers and USB DAC.

Built in Japan to the highest standards, Melco combines extreme high performance with simplicity of installation and operation, and avoids the need for computers in the audio process.

All Melco models avoid the obvious compromises of using IT components for hi-fi playback, revealing the true capabilities of today's Hi-Res music formats.

Melco is not a modified computer in a nice case – it is designed from the outset as a high-performance audiophile source with attention to detail ensuring an extremely low noise and low jitter environment, in a low vibration chassis with simple control from the front panel or Melco App, with audio performance worthy of the finest audiophile systems. Everything about Melco is simple: simple music importing, simple CD importing and archiving, simple music downloading without a PC, simple safety backups, simple capacity expansion for the largest music collections.

Welcome to Melco – the only truly audiophile Hi-Res music source and library.

The master of the art

Dedicated player port

Conventional IT music servers connect to the residential computer network to gather and distribute music.

This severely limits the performance of network-connected music players or streamers due to the action of network switches and presence of unwanted data streams.

Melco has the dedicated PLAYER port; music is internally cleaned and rebuilt and unwanted traffic is eliminated, resulting in a huge sound quality improvement.

Internally stored music, whether HDD or SSD, is protected by a journaled data storage system and the dataflow is more akin to a high-end CD transport than a high speed burst-data noisy computer system.

Melco also connects to the network for control, and also for access to streaming services such as TIDAL and Qobuz.

ISOLATED operation allows the use of network streamers without any network connection for extreme performance.

USB DAC

Melco will play into a USB DAC with auto selection of downsampling to match the DAC capabilities if necessary. DSD can also be converted to 32bit PCM if the DAC does not support DSD, or if the DAC internally converts DSD to PCM.

Advanced DACs capable of supporting Markerless DSD are catered for as well as up to 384kHz/32bit PCM and Octo DSD. Control of the USB DAC player is from the Melco App, most DLNA or OpenHome Apps on Android, Apple or PC / Mac, the from the Melco front panel display.

Easy music import

Music on drives or USB flash drives is easily imported with one button press

Easy music backup

Melco's internal music library and also all user settings are conveniently backed-up on a USB-connected HDD. A single button press initiates a full incremental backup. Restore of music or data is a single button press.

Easy expansion

All Melco music libraries offer substantial capacity for growing collections. As a collection approaches the capacity of the Melco, an expansion drive can be added to increase capacity without the need for any settings. Operation is confirmed on the front panel display.

Easy music download

Hi-Res music downloads from partner vendors can import directly into the Melco rather than into a PC and then needing to be located and moved on the network. Aside from the convenience, this allows Melco to verify the file integrity as well.



EASY
CD
Import

EASY
USB
Import

EASY
Music
Download

EASY
Backup

EASY
Network
Import





Melco is NOT a computer that can play music

So what is a Melco?

Digital music has been with us since the introduction of CD. With the constant advancement of file formats and increasing resolution, computers have long been able to play digital music. But improved data formats conceal the reality that computers are unable to play music to audiophile standards. No audiophile would ever seriously play a CD on a computer other than as background music. CD players simply perform so much better.

The same is true for Hi-Res digital music. You could use a computer, but Melco performs so much better.

Everything about Melco is dedicated to sound quality, from the audiophile-grade power supplies to create an electrically silent environment, to the clocked data structure exactly as in a high-end CD player, the Melco has none of the multi-purpose characteristics of computers – fast noisy data paths, multi-threaded processors and burst data – all fast, designed for high-speed office processing or gaming, not for the simple delicate task of playing music.

Not all computers look like computers though – some alternatives to Melco are based on hobby-level computer platforms, tell-tale signs being unnecessary RS232 or VGA ports, for example.

The internal construction of Melco is not an adaption of any IT component such as a data PC or an IT data server – it is designed and built for audio, and only audio.

Digital music storage and replay requires use of software – in the case of Melco this is dedicated to music playback of the finest quality, and is written by the specialist design team at Melco in Japan.

There is no equivalent for computer use as those requirements all centre around multi-media A/V experiences. Melco is dedicated for high-end audio only.

As well as a dedicated high-quality playback environment Melco addresses the importing of existing digital music from other environments such as CD. Because Melco is not a general purpose computer it is not supplied with a CD loader – that would be an internal IT device of limited performance and reliability. So we support connecting a simple external CD loader or optical drive with Melco CD Import software, but for high-quality archival loading we have the D100 which ensures that a CD import is the best possible and cannot be bettered.

Some Hi-Res music sites now allow direct import into Melco without the need for a PC, not only very convenient but also, the Melco is able to make a quality check on the data and correct any errors – not possible when downloading onto a PC.



No network needed

Hi-Res music playback without any IT network

Hi-Res music playback normally requires an IT network or Wi-Fi. Melco will play into a network streamer even though there is no network – the Melco creates the necessary connectivity.

Melco will also play into a USB DAC without any need for a network – an iPad or tablet PC can still be used to browse and play music and connects directly to the Melco, or the Melco front panel can be used to select music for play.

The ground breaking N1 series

Since launching in 2014, the Melco N1 series has become the established benchmark. The de-facto standard in Hi-Res music serving and storage. As our range extends, the N1 series becomes no less established in its music delivery and still maintains its darling status with the audiophile awards judges. Timelessly packaged, any N1 makes the perfect heart of your system.



Melco N1AH60/2 specification

Music storage	2 x selected 3.5 inch HDD 3TB
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

The Melco N1AH60/2 is presented in a robust all-metal enclosure in black or silver. A convenient front panel USB socket allows for easy music importing as well as convenient DAC connection. Internal HDDs are on isolated mountings for low mechanical noise and low electrical noise is assured by use of an additional power supply filter block.



Melco N1ZH60/2 specification

Music storage	2 x 3TB SFF HDD 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 port USB-DAC dedicated, USB3.0 backup port, USB3.0 expansion port, USB3.0 port for music import & CD drive
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	350 x 75 x 370mm
Weight	8.5kg



6TB storage



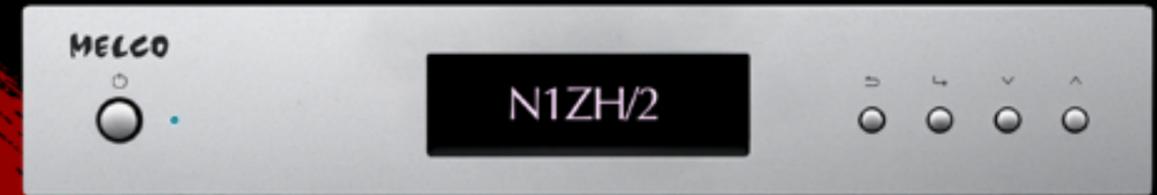
Fan-free design



Neutrik USB output



Separate ports



Meticulous Japanese precision built in at every stage



Melco's high-end Z series chassis is housed in a substantial extruded aluminium case (black and silver) with an internal rigid H frame for vibration isolation with Melco's heavy brass HS3 drive mounting. Low noise is ensured with twin power supplies and audio-grade film capacitors and power filters. New processing logic with precise slow data-writing and accurate high-speed data retrieval and self-integrity check contributes to exceptional audio performance and stability.



Introducing the landmark N10

The Melco N10 2-box music library comprises a separate head unit with all storage, data processing, display, and connectivity, plus a totally separate and isolated ultra-low-noise power supply with linear power supply to not only ensure optimum performance of the N10, but also that sensitive playback systems are not affected.

Robust mechanical construction ensures isolation from harmful vibration. Dedicated isolating HDD platform ensures highest possible sound quality. An audiophile-grade linear power supply connects by Neutrik connectors to the isolated head unit, again to isolate vibration and noise.



Melco N10 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



N10

Extreme performance Audio NAS and local USB DAC player

Two-box design, separating signal processing electronics and power supplies

Capacity 3TB



qobuz

HIGHRESAUDIO

TIDAL



Beauty that's more than skin-deep

Melco N100 – high-performance music library and player 2TB

The Melco N100 offers the full Melco feature set with high performance in a convenient form factor taking little room on the desktop or hi-fi rack. Half-size components mean that the matching D100 CD loader or E100 Expansion drive makes a conventional 43cm width. It offers a convenient front panel USB socket for DAC connectivity or music importing, duplicated at the rear. Additional ports for backup and expansion. True Melco network connectivity with dedicated PLAYER Ethernet port.



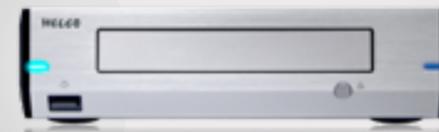
Melco N100 specification

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

D100



Melco D100 USB optical disc drive

The Melco D100 simply plugs into the USB port of any Melco music library to allow for the simple importation or playback of Red Book CD when used with a suitable USB DAC. The D100 negates the need to import CDs to play. Archival-quality imports from the latest generation Japanese audio-specific CD drive – not a cheap disposable IT device. High-grade, audio-specific, Melco-built components including the Melco HS-S2 isolation platform (Highly Stable Storage System). Also ideal for PC-based music rip installations using other ripping software for higher quality rips.

Melco D100 specification

Optical disc support	CD (CD-DA disc read only) DVD / BD (DVD / BD data disc read only)
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 Series OS
Power supply	DC 12v (48W AC adapter)
Size	215 x 61 x 269mm (W H L)
Weight	3.5kg

E100



Melco E100 expansion drive 3TB

High performance from selected HDD HDD, plus Melco HS-S2 isolation platform (Highly Stable Storage System). Simply plug the E100 into any model of Melco music library to increase capacity by 3TB.

The rear USB3.0 Type A port duplicates the socket used by the E100. This gives USB DAC connectivity for N10 / N100 or N1Mk1 without a dedicated USB DAC port.

The additional USB port also allows a second E300 to be simply daisy-chained to give additional 6TB storage.

Melco E100 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 Series OS
Power supply	DC 12v (48W AC adapter)
Size	215 x 61 x 269mm (W H L)
Weight	3.6kg

The last word...

Hi-Fi World, Melco D100

One of the best optical disc readers available. Ideal for ripping CDs or as a standalone player.

★★★★★

Hi-Fi Plus, Melco N10

The best home music server there is.

★★★★★

Hi-Fi Choice, Melco N100

The N100 music library is a great way of bringing audiophile sound quality to your digital files.

★★★★★

Hi-Fi World, Melco N100

Great sounding, large capacity network storage device that is hard to beat at the price.

★★★★★

Hi-Fi Choice, Melco N1ZH/2

Very slick and delivers a superb performance.

★★★★★

Hi-Fi Choice, Melco N1A

If you're serious about streaming, this is a very fine one-stop solution to get the very best out of your system.

★★★★★

The Ear, Melco N1A

The level of transparency is in another league... it's one of those rare components that makes you feel as if the truth is within your grasp.

★★★★★

Hi-Fi News, Melco N1-ZH60

This is a reference-quality front end that combines punch with panache...it's a thrilling ride.

★★★★★

C Beckerson

Melco is amazing and has changed my listening habits forever.

★★★★★

P Murray-Robertson

The quality is STUNNING – quite simply the best Hi-Fi upgrade I ever did!

★★★★★

A Bridgens

With my Melco N1A, notes are snappier and crisper and don't merge into one another as before. The sound stage has transformed from two dimensional to all around instead of just in front. I never realised that this was possible from a pair of speakers positioned in front!

★★★★★

L Cuijpers

I am very happy with the Melco N1 – the improvement in sound quality as well as ease of use is something I appreciate very much.

★★★★★

A Cohen

I have recently purchased an N1A/2 and I am very pleased with the sound quality – Melco has produced a fantastic product.

★★★★★

L Ammitzball

My N1Z has made my system a joy to behold. I am enjoying listening to the extraordinary improvement in staging, separation, the highs, the bass – honestly I've never heard a triangle ring until now!

★★★★★



Distributor / Dealer details:

MELCO

SOUND INVESTMENT



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