



MASTERS

# M33 BluOS™ Streaming DAC Amplifier



“Everything should be made as simple as possible, but not simpler” – *Albert Einstein*

“Simplicity is the ultimate sophistication.” – *Leonardo da Vinci*

## The Ultimate “Just add Speakers” Offering

High End Audio has become ever more complex and expensive with the passing years, yet modern digital technology and the art of User Interface Design has shown the way to make sophisticated technology more accessible and more affordable. The M33 is at the cutting edge of this philosophy, including every important feature required for enjoying today’s amazing choice of High Resolution music sources. With over 200 watts per channel of distortion-free amplification, the M33 can fully exploit the performance of the most sophisticated speaker systems available. It can even improve your listening rooms’ acoustics thanks to Dirac. With access to virtually any music source available at your fingers tip, with a wide variety of convenient means of control, the M33 has capabilities that are unique in the market. Just connect your favorite speakers and enjoy state-of-the-art performance for many years to come.



## Beautiful Design and Quality

The simple understated appearance of the Masters M33 beautifully expresses the precision engineering contained within. Its solid aluminum construction is more than just attractive; it also is non-magnetic and easily dissipates the small amount of heat generated within. Machined iso-point feet support the M33 and isolate it from external vibration. We even include self-centering cups to prevent the iso-point from marring shelf surfaces.

## Connects to Every Music Source with BluOS Streaming

At the heart of the M33 is BluOS, the Operating System for High Res Music. This completely custom operating system is based on a Linux kernel and is running on a powerful NXP 1 GHz ARM processor. BluOS is unique in its tight integration of hardware and software creating a true high end listening experience whether your music is stored locally or streamed from the cloud. It is also part of an eco-system of BluOS products that can be used together on the same network to create a multi-room music experience, with products available from several brands are guaranteed to work together perfectly. Even local sources can be streamed across the network to other BluOS players which can be synced to play in unison, or to play a different source. With some 20 music services integrated and supported by BluOS including AirPlay 2, Amazon Ultra HD, Spotify, Tidal, Idagio and Qobuz, the world's music is available at your fingertips. In addition to 24/192 PCM, MQA is fully supported, as well as FLAC, WAV, and all flavors of compressed audio codecs like MP3 and AAC to mention the most popular. Bluetooth streaming is also supported, and the M33 uses the latest and highest resolution aptX HD. This 24 bit capable codec uses only 4X compression

to create the best sounding Bluetooth you've ever experienced. Additionally, this Bluetooth radio can be set to transmit audio from the M33 to wireless headphones or even Bluetooth speakers.

## Modular Design Construction Prevents Obsolescence

Rapid advancements in technology can make even the finest components obsolete. It is for this reason that NAD introduced the MDC concept in 2007. NAD has always offered its customers cost effective ways to upgrade their systems going all the way back to our 'Building Block' philosophy in the 1970's. But in the 21st Century digital technology has increased the pace of change. What appear to be simple changes in connector shape and size are actually portals to sophisticated software requiring new and more powerful processors. MDC, with its internal backplane bus architecture can easily accommodate these unique requirements. While nobody knows what the future may bring, NAD has a remarkable track record for adding new technology to existing products, adding many years of life.

## High Res 24/192, MQA, FLAC

NAD has been at the forefront of High Res Audio for many years and the M33 takes High Res performance to a new level of precision execution. Every element of the M33, from the BluOS music streaming platform to the advanced Eigentakt amplifier exemplifies our ongoing quest for musical perfection. The M33 brings forth natural details in the music that are obscured by lesser components, yet it never sounds etched or aggressive. It takes a high resolution system to express the additional information contained in High Res recordings, and with the M33 all limits to fidelity have been removed.



## ESS Sabre DAC

We have chosen the ESS Sabre DAC for its high precision, low noise, and unique jitter reduction circuit. The 32-bit HyperStream™ DAC architecture and Time Domain Jitter Eliminator offer state-of-the-art performance for High Res audio streams. The ESS 9028's programmable output filter makes it an ideal candidate for MQA fine tuning.

## Dirac Live Room Correction

“Room Correction” has been around for over 20 years now, but some early attempts created as many problems as they solved. Dirac has taken a very sophisticated approach that manages the acoustic energy in a room by comparing the sound at the listening position with the original signal. Rather than ‘equalizing’ the signal like a traditional tone control or equalizer, Dirac time aligns the energy so the arrival of sound is properly aligned and organized. The result is cleaner and more natural sound with astounding impact and more accurate imaging.

A precision microphone is supplied with the M33 to measure the effects of room resonances at and around the listening position and calculates a precise calibration that conditions the signal for optimum performance. Even the most sophisticated loudspeakers can often be markedly improved using Dirac calibration.

Each of the 5 Dirac memory slots can store a unique room measurement (think of the different acoustics with curtains open or closed, different listening position, for instance), or different frequency target curves to suit a particular musical taste or genre. The M33 also supports

Dirac’s advanced ‘Bass Control’ feature with two independent subwoofer outputs that more precisely controls resonances in the bass range using multiple subwoofers.

## Purifi ‘Eigentakt’ Amplifier Technology

Purifi is a Danish technology company that has brought together several of the industry’s leading engineers to apply advanced mathematical modelling to solve the last remaining limitations of audio amplifiers. While there are many good sounding amplifiers on the market today, Purifi has taken a fresh look at every aspect of amplifier performance and found many seemingly small non-linearities that, when corrected, can make a dramatic difference in the overall sound. The measured result is less noise and lower distortion, but the audible result is something more. The detail and transparency of the sound is astounding. But unlike many amps that sound very detailed, but can also be fatiguing, the M33 is completely relaxed and natural sounding. There is simply a smooth flow of music with amazing spatial delineation and natural ambiance recovery. The high current power supply assures the ability to provide wide dynamic swings and can easily drive any loudspeaker to its full potential.

This return to first principles has resulted in a stunningly simple approach to some remarkably complex problems. Combined with NAD’s many decades of amplifier innovation we are confident that the M33 is without equal for accurate and involving sound quality.



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