NAD

MDC2 BluOS-D Module

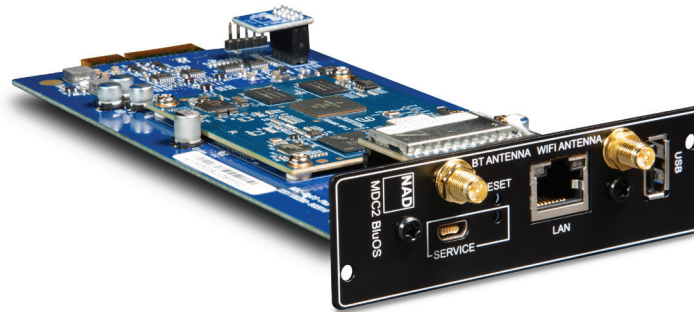BluOS ENABLED · WiFi CERTIFIED · Qualcomm aptX HD · Works with Apple AirPlay · DIRAC · MQA · Hi-Res AUDIO · MDC Modular Design Construction

Compatibility: C 399

MDC2 is the second generation of NAD Electronics' innovative Modular Design Construction future-proofing technology. Introduced in 2006, MDC lets owners of NAD components add exciting new capabilities, such as Dolby Atmos immersive audio, 4K video switching, and BluOS multi-room music streaming. Debuting on the NAD C 399 HybridDigital DAC Amplifier, MDC2 features an all-new architecture that allows signals to be passed back and forth between the module and host component. This opens a far wider range of upgrade options for the C 399, and future MDC2-enabled components.

Dirac Live Room Correction*

The MDC2 BluOS-D is the first expansion module offered by NAD that adds Dirac Live room correction to a two-channel component. Use the supplied calibrated microphone and intuitive Dirac app to analyze your room's acoustics, and then upload correction filters to the MDC2 BluOS-D module. The MDC2 BluOS-D module can store up to five Dirac profiles for different listening positions and room conditions—for example whether the drapes are open or closed.

As well as correcting peaks and dips in frequency response, Dirac Live optimizes impulse response by learning how sounds reflect off various surfaces in your listening space. The result is dramatically improved bass clarity, imaging, and timbral accuracy, on music and movie soundtracks.

BluOS Music Streaming

The MDC2 BluOS-D module also features BluOS high-resolution music streaming. Available for iOS, macOS, Android, and Windows, the flexible BluOS Controller app provides access to hundreds of Internet radio stations and more than 20 streaming services. Like all BluOS products, the MDC2 BluOS-D module supports high-resolution playback up to 24-bit/192kHz, as well as MQA. With the MDC2 BluOS-D module, users can share music from any source connected to the host component with up to 63 BluOS-enabled components on the same network. Playback can also be controlled by Alexa or Google voice commands, and from smart home control systems from Crestron, Control4, Lutron, RTI, and others.

Future-Proof 2.0

Not only does the MDC2 BluOS-D module include the latest Wi-Fi and Ethernet protocols, it supports Apple AirPlay2, Spotify Connect, and Tidal Connect, and incorporates two-way Qualcomm aptX HD Bluetooth. There's also a USB port for playing music from a connected USB drive. With an MDC2 BluOS-D module installed, MDC2-capable components can play music from a vast range of local, networked, and cloud-based sources. And thanks to its bidirectional communications architecture, MDC2 is ready for technology upgrades that have yet to be conceived.

FEATURES & DETAILS

- Dirac Live Room Correction*
- Calibrated microphone included for Dirac setup
- Wi-Fi and Ethernet networking
- BluOS music streaming to up to 63 zones
- Support for hundreds of Internet radio stations and over 20 streaming services

- High-res audio to 24-bit/192kHz
- MQA decoding and rendering
- Apple AirPlay 2 and Siri voice control
- Amazon Alexa and Google Assistant voice control
- Spotify Connect and Tidal Connect
- Two-way (send/receive) Qualcomm aptX HD Bluetooth

* The MDC2 BluOS-D module will include a license for Dirac Live with the option for advanced users to upgrade to a Dirac Live Full Frequency version.