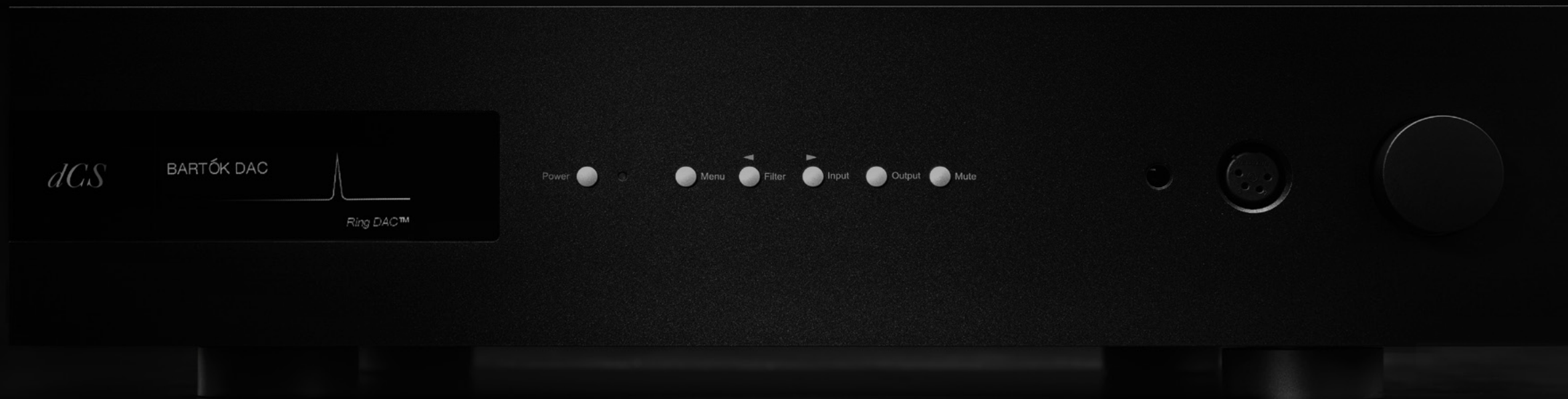


dCS

Bartók 2.0

Second-generation firmware
and performance enhancements



Bartók 2.0: A Substantial Performance Upgrade

Bartók began with a singular vision: to combine our past, present, and future, distilling 30 years of innovation into a beautiful, flexible, and future-proof design that embodies the essence of dCS. Combining a DAC, Music Streamer, Upsampler, Pre-amp, and (optional) Headphone Amplifier offers a remarkable experience for both headphone and stereo listeners.

Bartók 2.0 includes performance upgrades, which, until now, were exclusive to the Vivaldi and Rossini platforms. 2.0 is a significant update to the mapping algorithm that controls the dCS Ring DAC. It also includes improvements to DSD upsampling and adds new filter options.

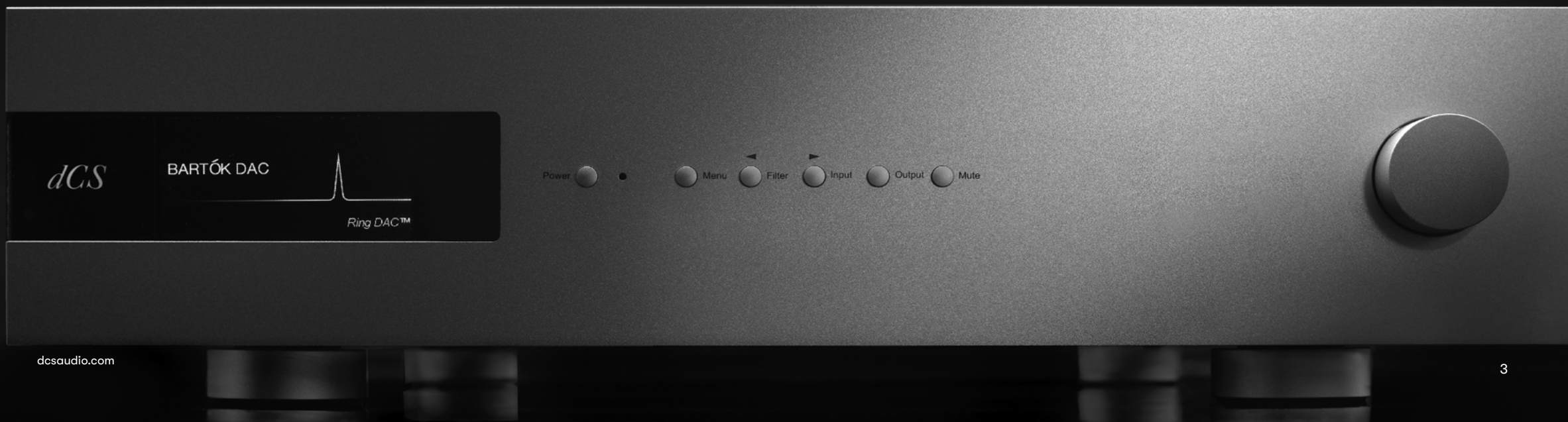


New dCS Mappers improve performance and flexibility

dCS Mappers originally designed for Vivaldi 2.0 and Rossini 2.0 are now available in the 2.0 update to Bartók. The dCS Mapper controls the way in which data is presented to the Ring DAC™ core. Bartók now includes three Mapper settings.

- MAP 1 is the new default mapper. Here we drive the Ring DAC™ core at either 5.644 or 6.14MHz.
- MAP 2 is the classic mapper design, used on version 1 dCS products, this drives the Ring DAC™ core at either 2.822 or 3.07MHz.
- MAP 3 is alternative design where we also drive the Ring DAC™ core at either 5.644 or 6.14MHz.

Mapper settings can be accessed using either dCS Mosaic or via the front panel.





dCS engineers introduced other major performance improvements with Bartók 2.0

DSD128 (DSD X2) Upsampling

Set to DXDx2 dCS Bartók now inserts a DSDx2 upsampling stage towards the end of the PCM oversampling sequence, before conversion to analogue.

DSD upsampling settings can be accessed using either dCS Mosaic or via the front panel.

DSD Filter 5 Setting

DSD Filter 5 has a relaxed roll-off with a smoother phase response which helps to remove much of the out-of-band noise.

DSD FILTERS settings can be accessed using either dCS Mosaic or via the front panel.

Available for Download–May 31, 2022

To support the Bartók 2.0 software update, we have also updated dCS Mosaic. This update is available to all dCS customers as it also provides some minor fixes and stability improvements for dCS network products.

Bartók 2.0 will be available for installation on Tuesday, 31 May 2022, at 10:00 AM GMT.

