Bartók 2.0

RELEASE NOTES

dCS

ONLY THE MUSIC

Bartók 2.0

1 ABOUT

1.1 DESCRIPTION

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 Headphone Amplifier, it offers a remarkable experience for both headphone and stereo listeners. Since Bartók's launch in 2018 we have provided updates to add new services, control features and user interface improvements. Bartók 2.0 is now released to bring true audio performance upgrades to the product.

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.

1.2 VERSIONS

When installed, the following software versions will be displayed:

dCS **Bartók Main software version:**	2.0 (Bartók only)
dCS **Mosaic Processor version:**	1.22
dCS **Mosaic Control version:**	1.22

The *dCS* product's front panel will show the following information under VERSIONS:

Network:	508

1.4 AVAILABILITY AND DISTRIBUTION

Bartók 2.0 is available as a no-cost update for existing *dCS* Bartók customers, It will be delivered as an update to the Main FPGA software and Mosaic Processor.

Mosaic 1.22 will be available for all dCS customers.

To update customers will need to down the latest version of dCS Mosaic Controller via Google Play or the App Store and then check for their dCS product for firmware update.

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2. WHAT'S NEW

2.1 NEW FEATURES

Introduction of Mappers 1, 2 and 3
The 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 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 (MENU>UNIT SETTINGS>>MAPPER)

DSD128 (DSDx2) Upsampling
Set to DXDx2 *dCS* Bartók or 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 (MENU>UNIT SETTINGS> UPSAMPLING).

DSD Filter 5 Setting
DSD Filter 5 has a relaxed roll-off with a smoother phase response. This also 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 (MENU>AUDIO SETTINGS>DSD FILTER).

3. SUPPORT

3.1 RESOURCES AND ASSISTANCE

If you're having trouble with *dCS* Bartók or any other aspects of your *dCS* product, there is a large network of people worldwide who are available to assist you.

Your first line of support is always your nearest dCS dealer or distributor. Our partners are rigorously trained on every aspect of our product line, so they are well-equipped to deal with most issues or queries. You can find your local dealer or distributor at dcsaudio.com/dealer-locator

You can also visit the dCS Community forum (dcs.community), where you will find complete documentation for Mosaic along with FAQs and information regarding other technical and support topics. This forum is actively monitored by *dCS* personnel, and there is a dedicated Support area where you can post any questions you may have.

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