



Bladelius Design Group is offering a totally new replay system.

The Embla offers a silent playback system without any moving mechanical parts when playing from the built-in flash memory. The Embla is not a redesigned computer system; it is built from the ground up as a high performance audio playback system.

Unlike other computer based playback products the Embla is based on our proprietary audio DSP design, allowing us to completely control the timing and reading of the discs. The Embla is designed as a true audiophile unit from the ground up and not a modified computer that can copy discs.

Not only is the Embla a playback system but it also includes an analog preamplifier, a world class DAC section based on our reference CD player, the Gondul M, as well as an additional DAC system with a digital filter with analog behavior.

Insert a CD and you have the option to play directly from the disc like a standard CD player or you can store the disc on the internal flash memory. You're not limited to just internal storage, you can directly connect a USB hard drive or memory stick to the player as well as access files on a network drive or music streaming from a PC.

The Embla comes preloaded with a database for album and track names and will display album art if connected to the internet with its Ethernet port.

Embla is developed, engineered, and produced in Sweden.

Features:

Disc information

Embla uses a built in database for album and track information. If Embla is connected to the internet it will retrieve the latest information for album and track names as well as album cover art.

Bit perfect copies

Embla makes bit perfect copies of cdda cd's to memory using our advanced proprietary data reading error analysis algorithms enabled by a high performance Teac drive. The bit perfect copies can be stored in either pcm or flac format.

Noiseless

The internal memory for music storage is flash based, which gives you a completely noiseless system. The internal flash memory is upgradeable to larger size when available.

USB ports

Embla has an USB port for USB memory sticks or external hard-drives which can be used for external storage of music. Embla has a second USB port for which can be used for streaming music from a computer.

Ethernet port

Embla has an Ethernet adapter for connection to your local network, which allows playing music from media servers such as a computer or a NAS. If your local network is connected to the internet Embla will retrieve album art and update its database with the most recent data.

Music file types

Playback of PCM, WAV, HRx, FLAC, MP3, WMA, OGG with tag information
Audio Data files are supported up to 32bit, 192 kHz

Pre-amplifier

Built in analog preamplifier with analog volume control in 0.5db steps

Digital to analog converters and filters

Ability to choose from 2 balanced DAC configurations (2 DACs/channel); ability to select up to 192kHz sampling rate

Power supply

Large linear power supply with toroidal transformer and multi-stage regulation for the lowest possible noise levels

Jitter elimination

DA converter provides the master clock for the transport and reading of the flash memory for the ultimate jitter performance

Memory based jitter remover for external sources (user selectable)

Remote control

A machined aluminum remote control as standard
optional RF remote control with 7 inch touch screen (an exact copy of the screen on the unit), will have all information such as song, artist, time, etc

Technical specification

<u>Inputs</u>	<u>Outputs</u>	<u>General</u>
1 AES/EBU balanced digital	1 Balanced digital AES/EBU	1 USB
1 Unbalanced SPDIF	1 Unbalanced SPDIF out	1 Network connector (RJ45)
1 Optical	1 Optical output	1 RS232
1 USB streaming input	1 Pair of balanced outputs analog	1 IR input
1 Bluetooth	2 Pair of unbalanced outputs analog	1 12V trigger in
1 Balanced analog input		1 12V trigger out
2 Unbalanced analog inputs		

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Disclaimer: All specifications can change without prior notice as evolution has its way.