

## Essential/Phono USB

Manual turntable with fitted cartridge  
Ortofon OMB 3E and  
integrated MM phono pre-amplifier with  
A/D converter and USB output



### Turntable

- Chassis available in red, white and black
- A quiet running synchronous motor with a two-step pulley drives the platter's outside edge via a silicon belt.
- The particle board plinth stands on three feet which act as shock absorbers.
- The resonance-optimised platter is made of particle board and a felt mat.
- A chrome-plated stainless-steel axle runs on a polished metal ball in a sintered bronze bearing housing.
- External power supply avoids potential electro-mechanical interference.

### Tonearm Pro-Ject 8.6up

- The turntable is supplied with Ortofon OMB 3E MM-cartridge fitted.
- The headshell and undamped armtube are fashioned from a single piece.
- The uni pivot bearings consist of a hardened steel point bearing and a hardened and polished steel pad.
- Eccentrically mounted counterweight reduces cantilever forces and dynamic wow when playing warped records.
- The counterweight supplied is suitable for cartridges weighing between 4 - 9g
- The internal wiring consists of high-grade flexible copper from the headshell right through to the connection cable.
- A supplied 3,5 mm connector can be used to connect your Pro-Ject Debut III/Phono to any line level/auxiliary input (Computer, Midi System, Mixer etc.).

Dimensions W x H x D: With dust cover closed 415 x 112 x 335mm, dust cover open 415 x 365 x 390mm.

Cartridge: Output voltage 4mV. Recommended load resistance 47kohms (MM-input).

### Phono Pre-amplifier

- Optimal channel separation through dual-mono circuitry
- Digitalisation of analogue signals for recording direct to disk via USB with suitable recording programs
- Runs on Windows™ and Mac OS™ operating systems

### Technical specifications Phono Pre-amplifier - A/D converter

Noise floor:	88dB
THD:	0,005%
Input impedance:	47kohms/100pF
Power consumption:	16V/40mA AC
Gain:	32dB
Output voltage typically:	160mV/1kHz at 4mV/1kHz
RIAA-equalisation curve accuracy:	> 0,5dB/20Hz - 20kHz
USB output:	digital serial data protocol USB 1.1

The manufacturer reserves the right to alter the technical specifications without notice.

The colours in the picture may differ slightly from the actual article due to inaccuracies in the printing process.



*The unit may only be connected to a line level input.*