

Thank you for purchasing a Pro-Ject Audio Systems stylus balance.



Warning of a hazard for the user, the unit or possible misuse



Important notice

What is in the box

- stylus balance
- calibration weight (5 g)
- 2 LR43 (AG12) button cell batteries plus 2 pieces as backup
- protection pouch for the meter
- user guide

Calibration

- 1 Make sure the surface is level.
- 2 Turn on the meter with the **ON/OFF** button. The display will show **0.000** after a few seconds. Give your stylus balance sufficient warm up time. Usually 30 seconds give the internal components time to stabilise before calibrating.
- 3 Press and hold the **MODE** button until the display shows **CAL** and **5.000** (flashing).
- 4 Gently place the 5g weight on the centre of the platform. After approximately 5 seconds the display will read **5.000, PASS** and **5.000**.



*Occasionally the display will show for example **5.002** or **5.004** instead of **5.000**. This is no defect. It will not affect the calibration.*

- 5 Remove the weight and press **ON/OFF** to turn off the meter.

Choosing the weighting mode

The meter has to be turned on. The display shows **0.000**. Pressing the **MODE** switches between the different weighting modes.

Weighting modes: gram (1g = 10mN), ounce (oz), pennyweight (dwt) and carat (ct).

Cartridge downforce adjustment - weighting mode gram

- 1 Make sure the surface you use the turntable on is level.
- 2 Remove the stylus guard and the stylus balance protection cover. Gently place the meter on the platter. Move the headshell over the weighting platform and place the tip of the needle above the black dot of the weighting platform.
- 3 Turn on the stylus balance with the **ON/OFF** button. The display will show **0.000** after a few seconds. Give your meter sufficient warm up time. Usually 30 seconds to give the internal components time to stabilise.
- 4 Gently lower the tonearm until the stylus is on the black dot of the weighting platform. The display shows the tracking force.
- 5 Lift the tonearm and adjust the counter weight (tracking weight dial) and repeat the above procedure until the recommended tracking force is achieved.



*Never load the stylus balance with more than **5g**, overloading can permanently damage it.*

Backlight

Turn on the stylus balance and the backlight will automatically switch on (no further key switch needed). When the stylus balance is switched off, the backlight will switch off.

Other display readouts

No display, backlight getting weak - batteries are empty and need to be replaced.

o_LD - overload (more than 5g). Please remove the excessive load immediately.

LLLLL - The weighting load cell has been damaged by misuse (i.e. it was shocked, dropped or overloaded). You can try to recalibrate the meter. If the load cell has not been damaged to much, it will work again after recalibration.

UNSt - Use the meter on a more stable, vibration free surface.

Changing batteries

Proceed as follows:

- Take off battery case cover
- Replace both batteries together. Make sure the batteries are the right way round
- Refit the battery case cover

Battery type: 2 x LR43 (AG12) button cells, 1,5V

If the stylus balance is not used over a long period of time the batteries should be removed.



Do not dispose the batteries as ordinary domestic refuse. Please dispose your exhausted batteries at the appropriate collection sites - usually located at supermarkets and drugstores.

Technical specifications Measure it E

Capacity	0 - 5g
Variance	±0,002g
Weighting modes	gram (1g = 10mN), ounce (oz), pennyweight (dwt) and carat (ct)
Display	4 digit LCD with backlight
Calibration	auto calibration using a 5g weight
Auto off	30 seconds off
Replacement battery	2 x LR43 (AG12) button cells, 1,5V
Operating temperature	+10 - +30° C (50 - 86 degrees Fahrenheit)
Dimensions (W x H x D)	96 x 21 x 43mm
Weight	49g

Warranty



The manufacturer accepts no responsibility for damage caused by not adhering to these instructions for use. Modification or change to any part of the product by unauthorized persons, will release the manufacturer from any liability over and above the lawful rights of the customer.

Pro-Ject Audio Systems is a Registered Trademark of H. Lichtenegger.

This guide was produced by: Pro-Ject Audio Systems
Copyright © 2016. All rights reserved.

The information was correct at the time of going to press. The manufacturer reserves the right to make changes to the technical specification without prior notice as deemed necessary to uphold the ongoing process of technical development.