

# THE REGA BAERWALD ARC PROTRACTOR

A

AA' is exactly 140 mm

A'

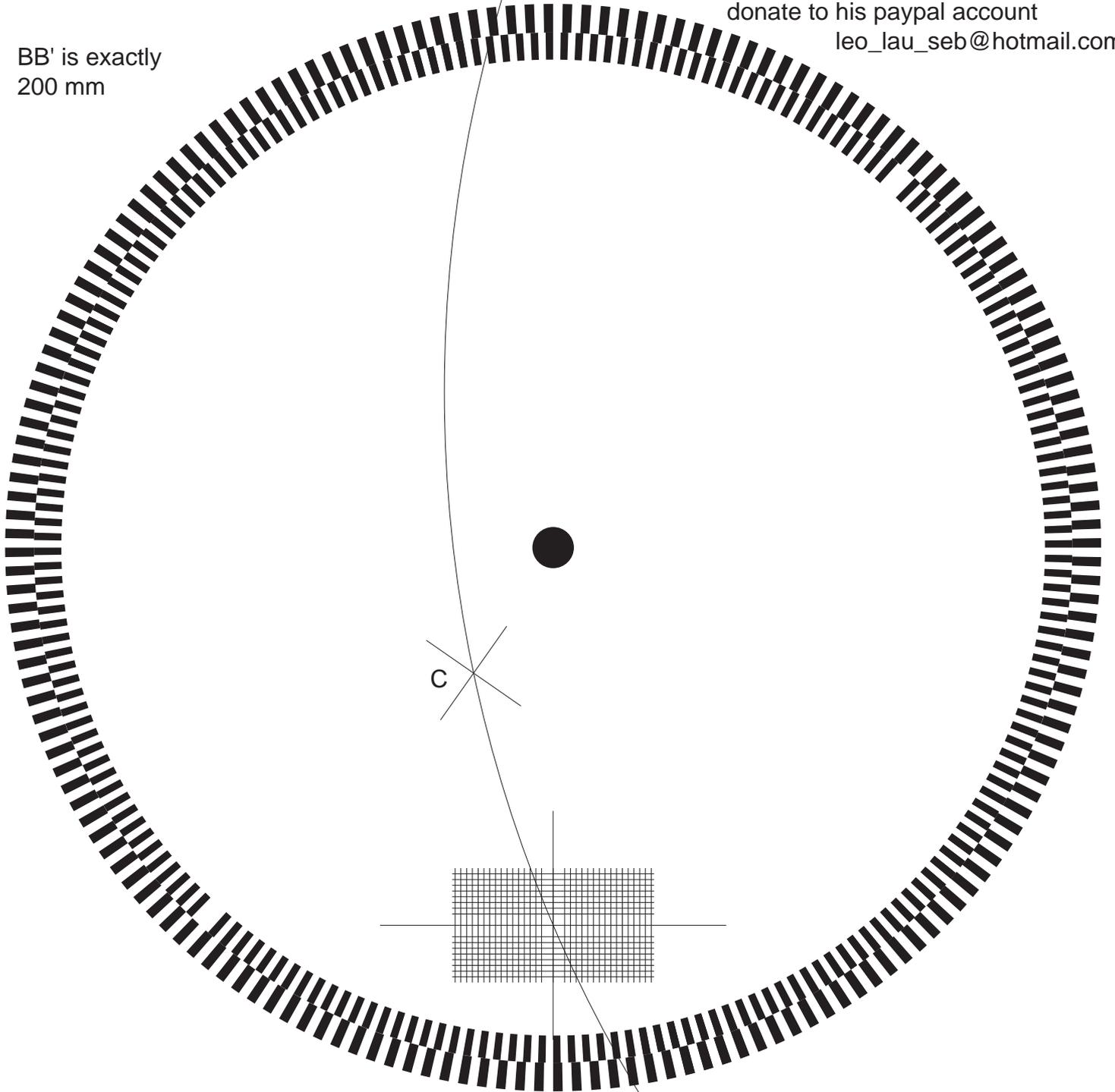
B'

designed by seb

donate to his paypal account

leo\_lau\_seb@hotmail.com

BB' is exactly  
200 mm



B

download this protractor at:  
[www.vinylengine.com](http://www.vinylengine.com)

C'

**PLEASE READ CAREFULLY THE FOLLOWING EXPLANATIONS. THIS PROTRACTOR  
CAN ONLY BE USED UNDER CERTAIN CONDITIONS**

# THE REGA BAERWALD ARC PROTRACTOR

www.vinylengine.com

please explain the way to use this protractor

This protractor is an arc protractor. Arc protractors are far superior to classic protractors since they allow a very precise, rapid and accurate setting of your cartridge. The only problem is that they are designed for a specific mounting distance. In the case of this protractor, the mounting distance used is 222 mm which is the mounting distance of rega tonearm mounted on rega turntable.

If your mounting distance (the distance between the pivot to the spindle) is not EXACTLY 222mm DON'T USE THIS PROTRACTOR

instructions

1- print it - remove the grey parts of the draw

2- check the distances AA' and BB'

3- rescale if these distances are not the one I indicated

4- the black hole in the middle of the draw is the spindle center hole : use a pin to cut it and be precise !

5- set the antiskate at zero (very important)

6- now, the stylus must follow the arc - use the C and C' dots.

Move the cartridge front/back to follow the arc

7- the cartridge edge must be aligned with the lines on the greed :

rotate the cartridge clockwise/anticlockwise.

8- check :

does the stylus still follow the arc ?

does the cartridge body still aligned with the lines ?

9- no ? try again

10- yes ! you're in

oops, impossible for me to set up my cartridge using your protractor :

two possibilities :

1- your mounting distance is not 222 mm- I told you not to use this protractor !

2- the baerwald tonearm effective lenght asociated with a mouting distance of 222 mm is 239.4 mm.The "official" effective length of a rega tonearm is 237 mm. You understand then that the cartridge should be advanced in the headshell and for some cartridges, you may not have enough space.

Use in that case the rega stevenson arc protractor.

The difference between the first version and this new version ?

I just add a strobo disc 33.1/3 50hz (outside) 60 hz (inside)

**Is this protractor free ? yes but if you feel that every work need to be paid, my paypal account will be very happy to welcome your little money. More than 2600 persons downloaded the first version of this protractor,**

**if all of them had given me 1£...**

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