

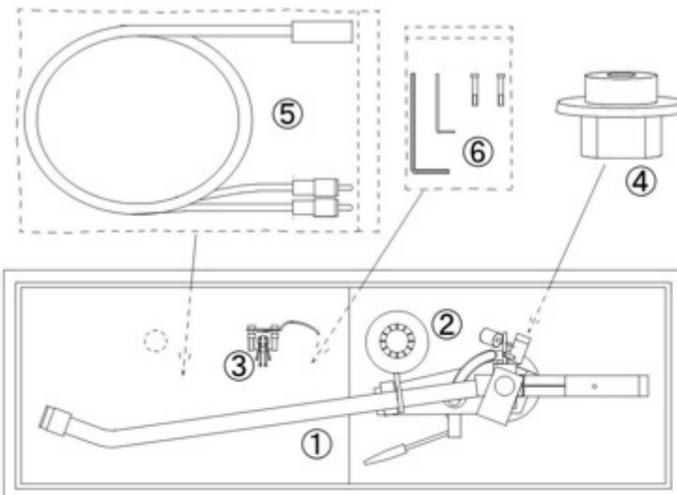
We thank you very much for your recent purchase of our leading edge tonearm.

Glanz is one of the best known of the legendary audio brands who held sway over the market in the days of analogue audio equipment. It has now been relaunched, and has returned to offer you the same quality listening experience you always had, allowing you to continue to enjoy your vinyl record collection, but with the added enhancements of modern technology.

In order for you to maximise your satisfaction with this product, we would highly recommend that you carefully read through the Owner's Manual, and follow instructions for the set-up and operation of this remarkable tonearm.

First of all, we would like you to identify and confirm the following items, which are included in this product package.

- ① Tonearm body
- ② Weight assembly
- ③ Headshell (Finger lever, 4 x lead wires, 2 x 26φ×12mm, screws, 2 x nuts)
- ④ Base for tonearm
- ⑤ Output extension cords
- ⑥ Small accessories (2mm/4mm hexagonal wrench, 2 x 2.6φ×16mm cartridge screws)
- ⑦ Mounting template for turntable
- ⑧ Instruction manual & warranty



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## GLANZ standard specifications

	MH-94S	MH-104S	MH-124S
1 Balancing	Static Balancing		
2 Total Length (*1)	252mm	290mm	340mm
3 Effective Length (from centre of tonearm Base to stylus tip)	229mm	254mm	305mm
4 Practical Length (from centre of tonearm Base to centre of turntable)	214mm	239mm	290mm
5 Offset Angle	23 °	22 °	20 °
6 Adaptable cartridge weight (incl headshell)	13~40g(44g)*3	16~45g	14~38g(45g)*3
7 Total weight	1.02kg	1.05kg	1.11kg
8 Overhung	15mm		
9 Tracking weight range	0.25g (Minimum scale) - over 6g (3g/360 °rotation)		
10 Adjustable height (*2)	41~70mm		
11 Headshell weight	12g (Incl.screws and lead wires)		
12 Shaft dimensions to mounting base	Φ16mm		
13 Mounting hole size	Φ30mm		
14 Fixing depth size	Up to 20mm (Another size is available)		

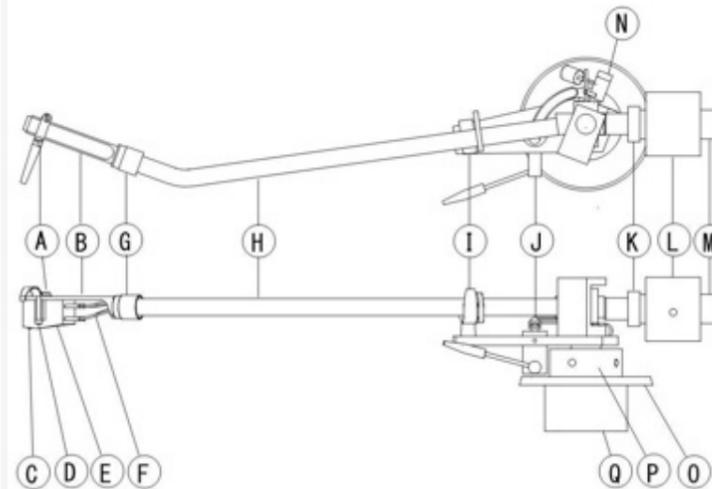
(\*1) : From counter weight shaft end headshell terminal.

(\*2) : From plinth surface to horizontal height of arm tube

(\*3) : Measurement calculated after moving the weight 10mm down from the weight axis.

Warranty: for details, please ask your local dealer or GLANZ product distributor.

## Names of parts



- A Cartridge Fixing Screw
- B Headshell
- C Pick Up Stylus
- D Cartridge Fixing Nut
- E Cartridge
- F Lead Wire
- G Headshell Fixing Nut
- H Arm Tube
- I Arm Resting Device
- J Arm Lifting Device
- K Tracking Force Adjustment Scale Dial Ring
- L Main Counter Weight
- M Counter Weight Sleeve
- N Anti Skate Adjust
- O Arm Base Plate
- P Arm Base
- Q Arm Base Fixing Nut

A legendary brand is reborn

# GLANZ



# MANUAL

MH-94S

MH-104S

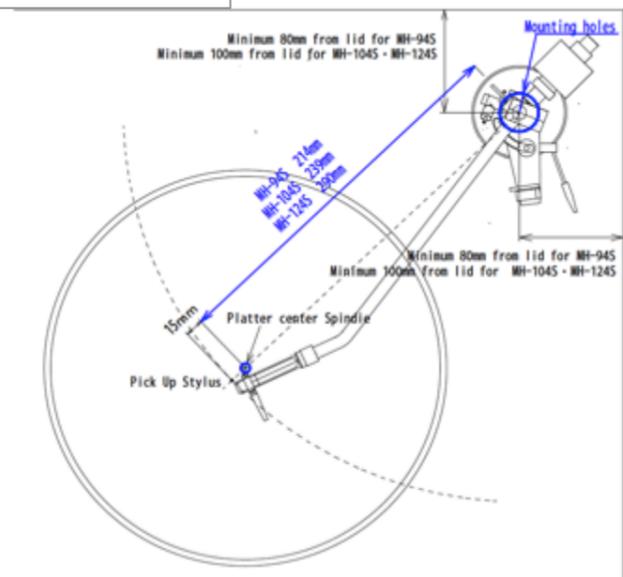
MH-124S

# THE GLANZ

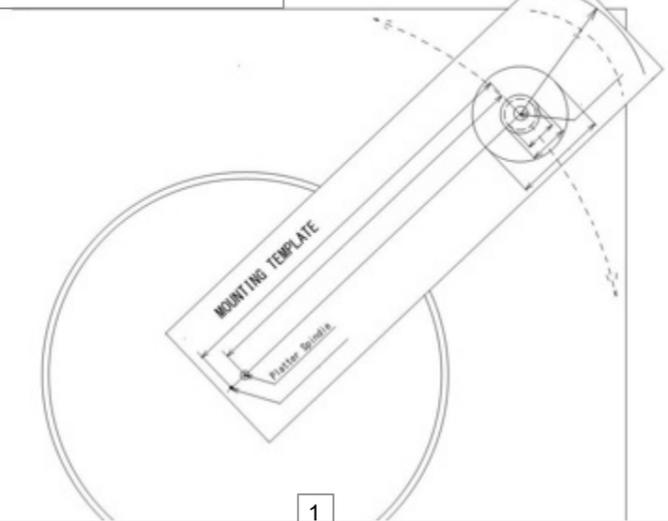
### 1 Preparation for mounting the tonearm onto the record player plinth

1. Make sure the thickness of the plinth board is less than 20mm (It is possible to remove Arm Base Plate, if the thickness is between 20mm and 25mm)
2. The dimensions from the center axis of the turntable to the tone arm mounting axis are 214mm for the MH-94S, 239mm for the MH-104S and 290mm for the MH-124S. At the same time please also check that the weight part can be moved more than 100 mm so that it does not touch the dust cover. (Minimum 80mm for MH-94S)
3. Please align the mounting pattern with the player board. When you have decided where you want to position the hole for the the player board, please drill a hole of 31mm diameter, because the mounting shaft of the tonearm is 30mm. (It will fit in a hole with a diameter of 30 mm, even though it is somewhat tight.)
4. We can offer an optional base for attaching the tonearm to the player board with holes already drilled, and for thick player boards. (See optional parts sheet.)

#### Dimension check

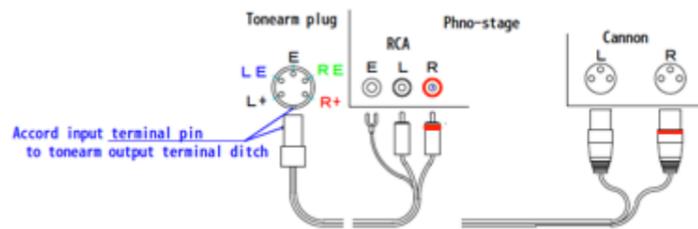


#### MOUNTING TEMPLATE



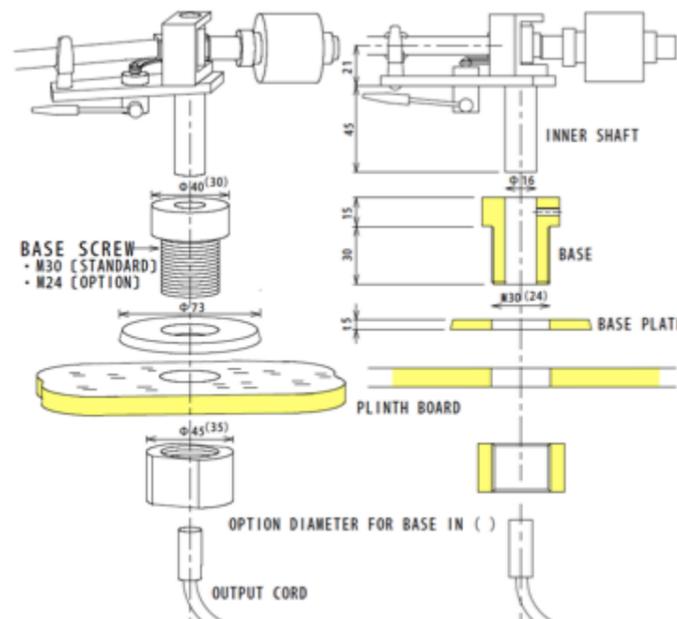
### 2 Connecting the output cable

1. Push the output cable plug firmly into the Glanz output 5-pin output jack.
2. Connect RCA plugs to relevant terminals of phono-stage, while connecting the U-shaped plug to earth terminal.
3. If you raise the volume slightly, and you hear a "buuuu" sound then you have a problem with poor contacts. Please check the cartridge and the headshell lead wire, the connection point of the headshell and tonearm, the connection point of the tonearm plug and the output cable, and the connection point of the output cable and the amplifier. Pay particular attention to the earth wire leading to the amplifier. If the earth wire is not connected, a "buuuu" sound will be produced.
4. MC cartridges (and others), with cartridge coils that are not earthed, can be connected to differential (balanced) amplifiers etc. with an optional cable.



#### Arm base options

1. As the diameter of the inner shaft is 16mm, you may be able to utilise another base with the same diameter. However, you will have a more reliable fit with a Glanz original base.
2. If the plinth board thickness is between 20mm and 25mm, then remove the base plate.
3. A 24mm diameter inner shaft is available as an optional part.
4. Glanz is happy to consider other requests for different diameter arm bases.

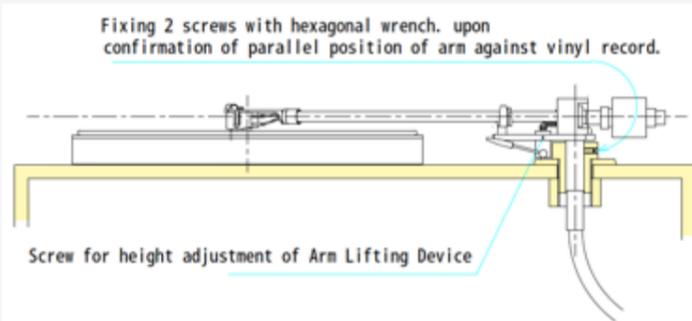


\*Please refer to the guide for details of option base.

To install your tonearm, please follow instructions 1-7, in that order.

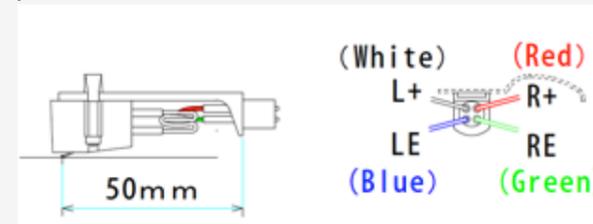
### 3 Tonearm height adjustment

1. Please attach the weight. Push the scale ring towards the cartridge side and insert it while rotating it.
2. To adjust the height of the tonearm, put the record on the turntable and place the point of the cartridge needle onto the record, loosen the two height adjustment screws on the arm base with the 4mm hexagonal wrench (included), then fix it at a position where the arm pipe is horizontal.
3. To adjust the height of the arm lifter, raise the lifting lever and use the 2mm hexagonal wrench to tighten it so that the needle tip of the cartridge is positioned about 5 mm away from the record. (Do not over-tighten with a large screwdriver; the cylinder inside may become deformed.)



### 4 Installing the cartridge

1. Fix the position of both the headshell finger lift and the cartridge using a 2.6mm screw to ensure a distance of 50mm (±3mm) between them. See diagram below.
2. Customers do not need to tighten the screws excessively, as the central gravitational point of the cartridge is held firmly by the headshell, due to the relative narrow width of the headshell. We recommend that you do not tighten the screws too firmly, as Glanz has deliberately selected stainless steel screws in order to enhance sound quality.
3. Connect the lead wires from the cartridge to the inner terminals of the headshell, as shown in the diagram below. (Diagram shows the position of the wires facing the inner terminal from the cartridge)
4. Do not remove the black rubber attached to the upper plate of the headshell, as this works as an essential damper.
5. Do not insert any rubber at the connection point between the headshell terminal and the tonearm pipe, as Glanz recommends direct mechanical contact at this connection point.



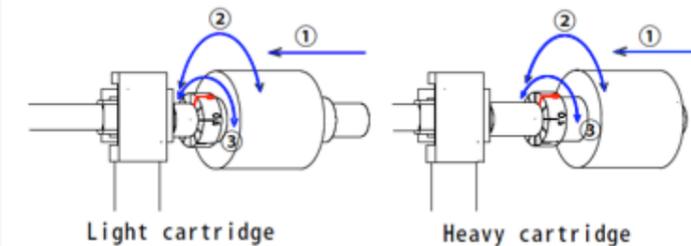
### 5 Mounting the headshell

1. Please loosen the removable lock nut at the tip of the arm pipe and attach the headshell.
2. Looking at it front on, loosen the lower screw behind the removable lock nut, correct the slope of the headshell, and tighten the screw again.



### 6 Adjustment of needle pressure

1. Please move the main weight towards the scale ring.
2. Rotate the main weight until balance is achieved and the arm becomes horizontal.
3. Without rotating the main weight, please rotate only the scale ring until the cursor points to the red line (0).
4. Rotate the main weight (Step 2), and calibrate the cursor to the the specific needle pressure of the cartridge, in grams. (If your cartridge needle pressure is 5g, you may have to rotate it once or even twice more.) The scale number represents



When you have a heavy cartridge, and cannot balance it, move the main weight slightly in the direction of ① (from the center of the shaft to the tip) and then start again from ②.

### 7 Adjustment of the inside force canceller

1. First of all, with the use of a level, ensure the turntable is completely flat.
2. In order to calibrate the inside force canceller, loosen screw B and move it in the direction of 'b'. (As a rule, since the inside force canceller is proportional to needle pressure, and can vary according to the shape of the stylus and the condition of the grooves of the vinyl record, there is no numerical value on the bar.)
3. In the event that the needle jumps onto the inner part of the record, please increase the inside force canceller. Once you have made the adjustment, please lightly tighten screw B. However, you may remove the inside force canceller if it doesn't seem that this will result in needle jump. (This allows you to enjoy even clearer sound quality.)
4. If you want to reinstate the inside force canceller, please do so by firmly screwing in the 2 x 2mm screws, and move it in the direction of 'a' by adjusting screw A, so that the movement of the weight moves smoothly in the direction of 'C'.

