

**KID THOMAS TURNABLE
&
CORNET TONEARM**

USER MANUAL

DESIGNED BY TOM FLETCHER

CAREFULLY UNPACK THE COMPLETE CONTENTS OF BOX AND MAKE SURE ALL THE FOLLOWING ITEMS ARE PRESENT. PLEASE READ THE INSTRUCTIONS AND WATCH THE VIDEO BEFORE SETTING UP.

1X BEARING ASSEMBLY BASE PLINTH WITH ARM MOUNTING PLATE

1X MOTOR

1X PLATTER ASSEMBLY (INCLUDING 4 DAMPENING RINGS)

1X PULLEY

1X DRIVE BELT

1X TOOL KIT

1X TONEARM (CARTRIDGE NOT INCLUDED)

1X ALIGNMENT PROTRACTOR

1X TURNTABLE MAT

BEFORE STARTING THE ASSEMBLY PROCESS CHECK THAT THE SURFACE YOU INTEND USE IS LEVEL AND STRONG ENOUGH TO TAKE THE WEIGHT OF TURNTABLE. IT IS VERY IMPORTANT YOUR TURNTABLE IS LEVEL (SPIRIT LEVEL INCLUDED WITH TOOLS).

WARNING:

Do not disassemble any part of the turntable. Always refer to your dealer or distributor instead. Any unnecessary tampering or altering of the turntable and/or tonearm will void the warranty.

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PLACEMENT

Place plinth onto your choice of level surface. The three feet underneath are adjustable and can be used to fine level.

CARTRIDGE MOUNTING

We highly recommend you to this before setting up arm on turntable.

Lay arm on it's side on clean level surface. Mount your cartridge of choice onto the slotted headshell of the tonearm. Carefully attach colored wires to corresponding terminals on rear of cartridge.

TONEARM MOUNTING

First lower the wires through the central hole in the collet. With care lower the bottom stem of the tonearm down into the central collet and tighten using the screw located in the hole on the outer edge of collet holder. Never tighten to hard, just enough to keep the tonearm from moving.

PULLEY MOUNTING

Place one hand under the bottom of the motor unit, to prevent downward movement. Use your free hand to GENTLY push pulley onto motor spindle. Push straight downward and not at an angle. It will come to a natural stop. Do not press too hard as pulley and/or motor damage may occur.

Note: The motor slides up and down in the motor housing. This is achieve accurate belt drive alignment.

PLATTER MOUNTING

Using the dropper pour around 1/3 cap of oil into the bearing well. Wash hands afterwards to prevent oil from getting onto the turntable.

Remove the dampening rings from the platter. Carefully lower the platter into the bearing hole and let it settle.

WARNING: Do not let the platter drop down as it can damage the bearing.

ALIGNMENT OF CARTRIDGE AND TONEARM

Whenever possible have your Pear Audio Blue dealer mount your cartridge as they have the experience and know-how to achieve best possible sound from your turntable and cartridge. Otherwise follow the instructions below.

Place an old record onto the spindle. Place the alignment gauge over the spindle. Using the two foam wedges supplied in the tool kit, place one wedge under each side of the platter to prevent it from moving, as shown on photo. The platter might have to be raised slightly to get the foam under. Make sure platter won't rotate while you align the cartridge.

Point the arrow on the alignment gauge towards the center of the pivot of the tonearm. You may wish to use something with a straight edge (ie a ruler) to extend the arrow to double check accuracy.

Loosen the cartridge screws and move cartridge until cartridge sits in the central dot of the alignment grid and any straight edges on the cartridge chassis are parallel with the lines on the grid. Retighten cartridge screws.

See instructions on the alignment gauge for more details. If you are using another alignment gauge follow the instructions of the particular gauge. Remove the alignment gauge when correct alignment is achieved.

AZIMUTH & VTA ADJUSTMENT

Lift the arm over the old record and lower the cartridge with the arm lever. Carefully place the small level on top of the headshell. If it is not level then follow the steps beneath.

Remember to raise the cartridge from the record between each adjustment to prevent damage to your cartridge.

Azimuth can be adjusted by gently twisting the headshell from side to side. Place the small level on the headshell, repeat until headshell is level.

VTA is adjusted by using the Allen Key to either raise or lower the Allen bolt next to the pivot point that touches the tonearm mounting surface. Lower the cartridge onto the record after adjusting up or down and see if the headshell is level. Repeat until headshell is level.

These are many possible ways to adjust azimuth and VTA, but again we urge you to have your local Pear Audio Blue dealer mount the cartridge. They have the necessary equipment and experience to get the best sound from your

cartridge. Ultimately let your ears be the final judge of when you have achieved correct azimuth and VTA.

If necessary recheck cartridge alignment. When done carefully remove foam wedges under platter so it spins freely.

TRACKING FORCE ADJUSTMENT

Using suitable scale (not included) and knowing your cartridges manufacturer specifications, carefully lower the needle onto the scale and check the weight. Move the bronze weight, located at the rear of the arm (backwards or forwards, until correct weight is achieved.

MOTOR HOUSING PLACEMENT

Replace all dampening rings to the platter. Place the motor housing centrally in the cut-out on the left side of the plinth, as close to the plinth as possible, but without the motor housing or the pulley touching the plinth or the platter. The ideal height for the motor is when the belt runs approximately 1/3 up from the bottom dampening ring. The height of motor is adjusted by pushing gently up the top or the bottom of the motor unit. To press down, press on the sides of the motor unit, until it reached desired height.

WARNING: Do not press down on the pulley.

Attach the drive belt around the pulley and platter . The upper groove in the pulley is 45RPM. The lower groove is 33 1/3 RPM.

Connect the wire from the motor to your outlet (or to the Pear Audio Blue external power supply unit). Once the motor is connected you should feel that the motor/pulley vibrated while platter is stationary. That is normal.

To start the platter, place you hand of the side of the platter and spin the platter clock-wise. If you spin it too softly it won't maintain speed. If you spin it a little too hard it will adjust to correct speed withing seconds.

WARNING: Do not use any other external power supply to power your Pear Audio Blue turntable than the Pear Audio Blue external power supply.

PLAYING RECORDS

Lower stylus onto record and enjoy. When you are done listening, lift the stylus and place at rest. Then gently place your hand on the side wall of the platter to stop the platter for spinning.

Pear Audio Blue headshells have no fingerlift. It's just a matter of habit to move the headshell without a finger lift. Carefully grab the headshell from above with thumb and fingers and lift it over the desired spot on the record. Then lower the needle using the arm lever. Ultimately use whatever method of holding the headshell that best suits you. If you absolutely must have a fingerlift then these can be bought separately and attached between the headshell and the cartridge.

MAINTENANCE

Allow the spindle and bearings time to bed in in the first days of playing.

Oil should be changed every 2 years, depending on how often you use it. Just remove the platter and clean of old oil with clean paper towel and repeat the steps above to apply new oil.

Periodically wash the drive belt and dampening rings. Use warm water and a mild soap. Rinse soap off and let them air dry, Then reattach.

Motor can be left on permanently.

Do not leave platter spinning when not in use.

Clean stylus periodically, from back to front with specifically designed stylus cleaner, using a small brush.

If in doubt, contact your local dealer.