

# **DP500**

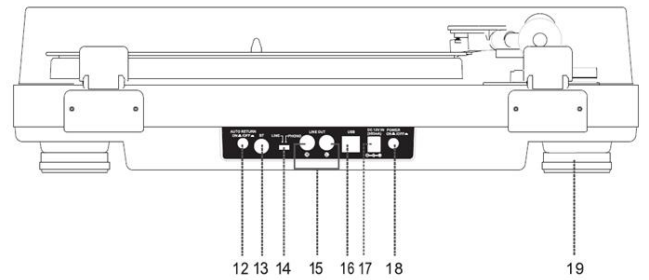
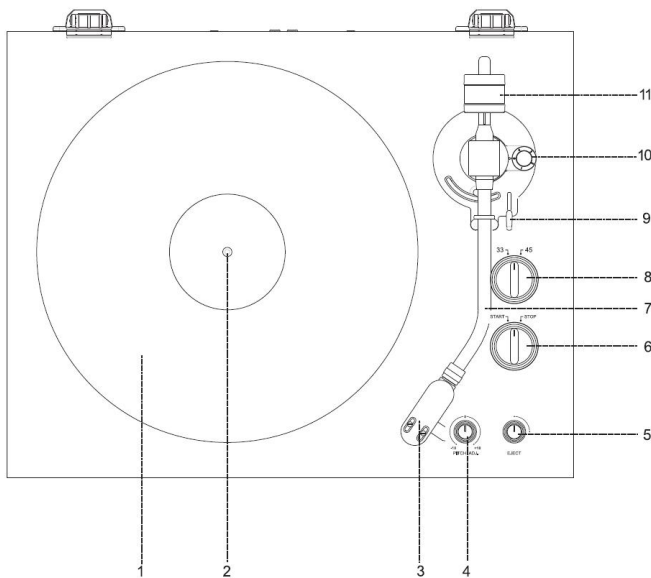
**PROFESSIONAL 33/45 RPM TURNTABLE WITH  
MAGNETIC MOVING CARTRIDGE, PITCH CONTROL,  
AUTO RETURN & BLUETOOTH TRANSMISSION**

## **INSTRUCTION MANUAL**

*READ THIS INSTRUCTION MANUAL CAREFULLY BEFORE USE*

## PRODUCT FEATURES

- 33/45 RPM SELECTABLE TURNTABLE
- BELT DRIVEN SYSTEM
- LIFT LEVER
- RCA LINE-OUT
- DETTACHABLE HEADSHELL
- AUTO-RETURN TONE-ARM
- PITCH CONTROL FOR TURNTABLE
- BLUETOOTH TRANSMISSION
- PC LINK FUNCTION (RECORDING FROM TURNTABLE TO COMPUTER)
- ACCESSORIES INCLUDED:
  1. TURNTABLE PLATTER
  2. SLIP MAT
  3. DUST COVER
  4. 45 RPM ADAPTOR
  5. WEIGHT-COUNTER
  6. AUDIO TECHNICA CARTRIDGE AT-3600L
  7. OPERATION MANUAL
  8. EXTERNAL POWER ADAPTOR
  9. USB CABLE



## LOCATION OF CONTROL

- 1) TURNTABLE PLATTER
- 2) CENTER SPINDLE
- 3) HEADSHELL
- 4) PITCH COTROL KNOB
- 5) EJECT KNOB
- 6) START/STOP SWITCH
- 7) TONE ARM
- 8) 33RPM / 45RPM SPEED SWITCH
- 9) LIFT LEVER
- 10) ANTI-SKATE KNOB
- 11) WEIGHT-COUNTER
- 12) AUTO RETURN ON/OFF
- 13) BT ON/OFF
- 14) PHONO / LINE SELECTOR
- 15) RCA LINE-OUT SOCKET
- 16) USB SOCKET
- 17) EXTERNAL POWER ADATOR JACK
- 18) ON/OFF SWITCH
- 19) TURNTABLE FOOT

**CAUTION:**

USAGE OF CONTROLS OR ADJUSTMENTS OR PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE.  
THIS UNIT SHOULD NOT BE ADJUSTED OR REPAIRED BY ANYONE EXCEPT QUALIFIED SERVICE PERSONNEL.

**WARNING:**

- THE APPARATUS SHALL NOT BE EXPOSED TO DRIPPING OR SPLASHING AND THAT NO OBJECTS FILLED WITH LIQUIDS, SUCH AS VASES, SHALL BE PLACED ON THE APPARATUS.
- THE MAINS PLUGS OR AN APPLIANCE COUPLER IS USED AS THE DISCONNECT DEVICE, AND THE DISCONNECT DEVICE SHALL REMAIN READILY OPERABLE.

**PRECAUTIONS FOR USE**

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**INSTALLATION**

- UNPACK ALL PARTS AND REMOVE PROTECTIVE MATERIAL.
- DO NOT CONNECT THE UNIT TO THE MAINS BEFORE CHECKING THE MAINS VOLTAGE AND BEFORE ALL OTHER CONNECTIONS HAVE BEEN MADE.
- DO NOT COVER ANY VENTS AND MAKE SURE THAT THERE IS A SPACE OF SEVERAL CENTIMETERS AROUND THE UNIT FOR VENTILATION.

**CONNECTION**

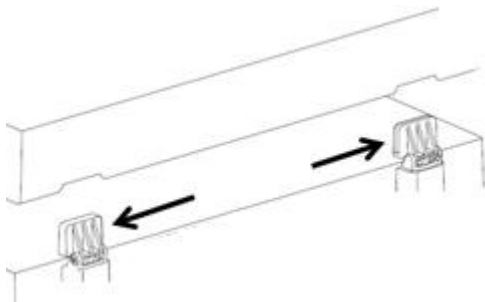
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1. CONNECT THE EXTERNAL POWER ADAPTOR WITH **EXTERNAL POWER ADAPTOR SOCKET**.
2. PLUG THE UNIT INTO A SUITABLE MAINS SOCKET
3. SWITCH ON THE TURNTABLE BY **ON / OFF SWITCH**.

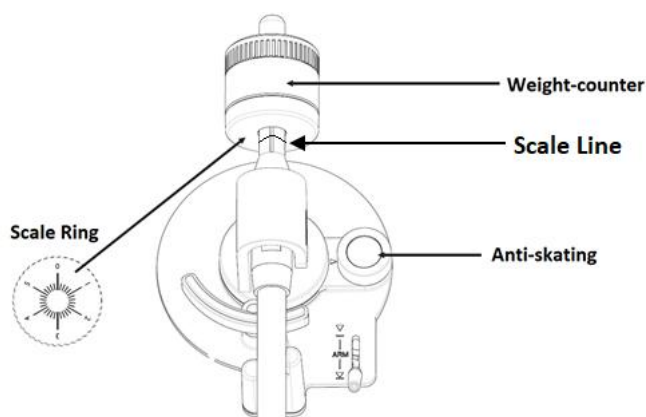
**OPERATION**

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INSTALL THE DUST COVER INTO HINGE ON THE UPPER CABINET.



- SET THE TURNTABLE PLATTER ONTO THE CENTER SPINDLE.
- PLACE THE SLIP MAT ON THE TURNTABLE PLATTER.
- SLIDE **WEIGHT-COUNTER** ONTO THE TONEARM. TWIST IT LIGHTLY AND IT WILL SCREW INWARDS (COUNTER CLOCKWISE) ONTO THE REAR END OF THE **TONEARM**. EVERY FULL TURN OF THE SCALE RING REPRESENTS AROUND 5.0 GRAM (+/-0.5 GRAM).
- FOR THE DEFAULT AUDIO-TECHNICA AT-3600L CARTRIDGE, TURN THE **WEIGHT-COUNTER** INWARD TILL THE SCALE RING AGAINST THE SCALE LINE ON THE REAR END OF THE **TONEARM**.

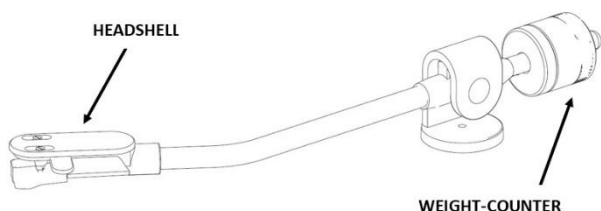


- HOLD THE **WEIGHT-COUNTER** WITH ONE HAND, TURN SCALE RING TO “0” AGAINST SCALE LINE ON THE SHAFT WITH ANOTHER HAND, BE SURE NOT TO TURN TOGETHER WITH THE **WEIGHT-COUNTER**.
- AUDIO-TECHNICA AT-3600L CARTRIDGE NEEDS TRACKING FORCE AROUND 2.5 GRAM. TO REACH THIS TRACKING FORCE, TURN THE **WEIGHT-COUNTER** INWARD TILL “3” ON THE SCALE RING.
- THERE IS TOLERANCE IN WEIGHT AROUND +/-0.5 GRAM. IF NECESSARY, TURNING THE **WEIGHT COUNTER** INWARD (COUNTER CLOCKWISE) CAN INCREASE THE TRACKING FORCE, WHILE TURNING THE **WEIGHT COUNTER** BACKWARD (CLOCKWISE) CAN DECREASE THE TRACKING FORCE.
- FOR OTHER CARTRIDGE, USER CAN ADJUST THE TRACKING FORCE BY TURNING **WEIGHT COUNTER** INWARD OR BACKWARD.

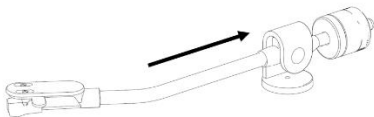
#### LEVEL BALANCE ADJUSTMENT

- SET THE **ANTI-SKATE KNOB** TO “0”.
- HOLD THE **HEADSHELL'S** FINGER-LIFT WITH ONE HAND AND ACHIEVE “LEVEL BALANCE” BY TURNING THE **WEIGHT-COUNTER** EITHER CLOCKWISE OR COUNTER CLOCKWISE. “LEVEL BALANCE” MEANS THE TONEARM IS PARALLEL TO THE RECORD ON THE PLATTER, AND THAT THE TONEARM PIPE SHOULD NOT TILT TOWARDS THE **WEIGHT-COUNTER** SIDE OF THE HEADSHELL SIDE

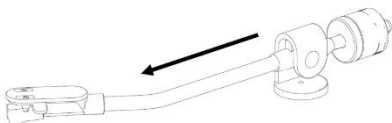
#### TO NEARM PROPERLY BALANCED:



**WEIGHT COUNTER END IS TOO HEAVY, TURN THE WEIGHT COUNTER INWARD TO ADJUST:**



**HEADSHELL END IS TOO HEAVY, TURN THE COUNTERWEIGHT BACKWARD TO ADJUST:**



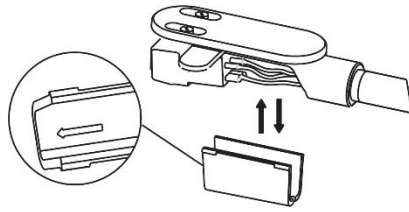
### **ANTI-SKATING ADJUSTMENT**

TO ADJUST THE ANTI SKATING MECHANISM, TURNING THE **ANTI-SKATE KNOB** COUNTER CLOCKWISE CAN REACH 0 GRAM OF TRACKING FORCE. TURNING THE **ANTI-SKATE KNOB** CLOCKWISE CAN REACH 4 GRAM OF TRACKING FORCE. ADJUST THE **ANTI-SKATING KNOB** IN CASE OF NEEDLE SKATING.

### **PICKUP SELECTOR**

- **PHONO / LINE SELECTOR** IS LOCATED AT THE BACK PANEL.
- SELECT "**PHONO**", AUDIO SIGNAL WILL BY PASS INTERNAL PRE-AMPLIFIER WITHOUT ANY PROCESSOR. THEN TURNTABLE HAS TO BE CONNECTED WITH EXTERNAL PRE-AMPLIFIER FOR MUSIC PLAYBACK.
- SELECT "**LINE**", AUDIO SIGNAL WILL BE PROCESSED BY INTERNAL PRE-AMPLIFIER. TURNTABLE CAN BE DIRECTLY CONNECTED WITH ACTIVE SPEAKER FOR MUSIC PLAYBACK.
- REMOVE THE STYLUS PROTECTOR.
- BE SURE THAT THE TONE ARM IS BEING DETACHED FROM THE TONE ARM REST PART BEFORE OPERATING AND RE-SECURED AGAIN AFTERWARDS.
- PUSH THE **LIFT LEVER** UPWARD TO RAISE THE TONE ARM FROM THE ARM PARK, AND THEN SLOWLY MOVE IT TO THE RECORD SIDE, THE PLATTER WILL START TO ROTATE.
- PUT THE **LIFT LEVER** DOWNWARD TO DROP THE TONE ARM AND TOUCH THE RECORD GENTLY. PHONO PLAYING STARTS NOW.
- PUSH THE **LIFT LEVER** UPWARD TO RAISE THE TONE ARM FROM THE ARM PARK, NOW PLATTER WILL STILL BE ROTATING BUT PHONO PLAYING WILL STOP. TO CONTINUE THE PLAYING, THE USER NEEDS TO PUT DOWN THE **LIFT LEVER**.
- **33RPM / 45RPM SPEED SWITCH:** DEPENDING ON THE RECORD TO BE PLAYED TO SWITCH 33RPM OR 45RPM TURNTABLE PLAYBACK.
- **START / STOP SWITCH:** STOP TURNTABLE FROM ROTATING OR RESUME TO WORK.
- USE THE 45 RPM ADAPTOR IF REQUIRED.
- THERE IS **AUTO RETURN ON/OFF BUTTON** AT THE BACK PANEL TO SWITCH ON/OFF THE AUTO RETURN TONE ARM FUNCTION. IF THE AUTO RETURN FUNCTION IS ON, THE TONE ARM WILL RETURN AUTOMATICALLY AFTER THE PLAYBACK OF RECORD FINISHED.
- TRIGGER THE **EJECT SWITCH** DURING RECORD PLAYING, TURNTABLE WILL STOP GENTLY AND TONE ARM WILL AUTOMATICALLY RETURN TO THE TONE ARM REST PART.
- SINCE THERE ARE NUMEROUS VINYL MANUFACTURERS, WE DO NOT GUARANTEE AUTO RETURN FUNCTION IS APPLICABLE ON ALL VINYL. IF THE TONEARM CANNOT RETURN AUTOMATICALLY, PLEASE TRIGGER THE **EJECT SWITCH** TO ACTIVATE AUTO RETURN

- REMOVE THE CABLE PROTECTIVE CAP UNDER THE HEADSHELL IF END USER TAKES OUT THE WHOLE CARTRIDGE:



### **LINE OUT SOCKET**

- THIS SYSTEM CAN BE CONNECTED WITH EXTERNAL DEVICE (EG. ACTIVE AMPLIFIER AND SPEAKER) BY **RCA LINE-OUT SOCKET** AT REAR CABINET.
- CONNECT EXTERNAL DEVICE (EG. ACTIVE AMPLIFIER AND MIXER) WITH GROUND LEAD IF NECESSARY.

### **DIGITALIZING TURNTABLE INTO COMPUTER**

1. CONNECT THE PRODUCT TO A COMPUTER VIA THE USB CABLE
2. USER CAN FIND FURTHER INFORMATION ON THE SOFTWARE FUNCITONS IN THE HELP MENU AND IN THE OPERATION INSTRUCTIONS OF THE SOFTWARE. THERE ARE AVAILABLE AT THE FOLLOWING LINKS:

<http://www.audacity.com/>

### **BLUETOOTH TRANSMITTER**

- THIS SYSTEM CAN BE CONNECTED WITH EXTERNAL BLUETOOTH SPEAKER FOR WIRELESS MUSIC PLAYBACK.
- SWITCH TO **LINE SELECTOR** AT THE BACK PANEL.
- PRESS **BT ON/OFF BUTTON** AT THE BACK PANEL TO CONTROL THE BLUETOOTH TRANSMITTER FUNCTION, THE BUTTON IS A LIGHT INDICATOR AND WILL SHOW BELOW:
  - **BT PAIRING INDICATOR FLASHING:** READY TO CONNECT WITH EXTERNAL BLUETOOTH SPEAKER.
  - **BT PAIRING INDICATOR STAY ON:** ALREADY CONNECTED WITH EXTERNAL BLUETOOTH SPEAKER.
  - **BT PAIRING INDICATOR OFF:** DISCONNECTED WITH EXTERNAL BLUETOOTH SPEAKER.
- SINCE THERE ARE NUMEROUS BLUETOOTH SOLUTION, WE DO NOT GUARANTEE THAT THIS TURNTABLE CAN SUPPORT ALL BLUETOOTH SPEAKER FROM EVERY MANUFACTURERS. IN CASE THERE IS ANY EXTERNAL BLUETOOTH SPEAKER CANNOT BE CONNECTED, PLEASE TRY ANOTHER BLUETOOTH SPEAKER AGAIN. OR CONNECT THIS TURNTABLE WITH WIRED SPEAKER FOR MUSIC PLAYBACK.

### **ENERGY SAVING**

IF THERE IS NO AUDIO SIGNAL FROM TURNTABLE FOR OVER AROUND 10 MINUTUES, THE UNIT WILL AUTOMATICALLY SWITCH TO STANBY MODE FOR ENERGY SAVING.

### FCC Warning

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

### Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.