

CITRONIC

PD-45

Direct Drive Turntable

Ref. No: 170.519



OWNER'S MANUAL

- Ⓝ **Direct Drive Turntable**
- ⓔ **Direct Drive Turntable**
- ⓓ **Direct Drive Turntable**
- ⓓⓀ **Direct Drive Turntable**

Safety Warnings:

All the safety and operating instructions should be read before the appliance is operated.
 To prevent fire or shock hazard, do not expose this appliance to rain or moisture.
 To reduce the risk of electric shock, do not remove the cover (or back). There are no serviceable parts inside. Always refer servicing to qualified service personnel.

Cautionary Notes:

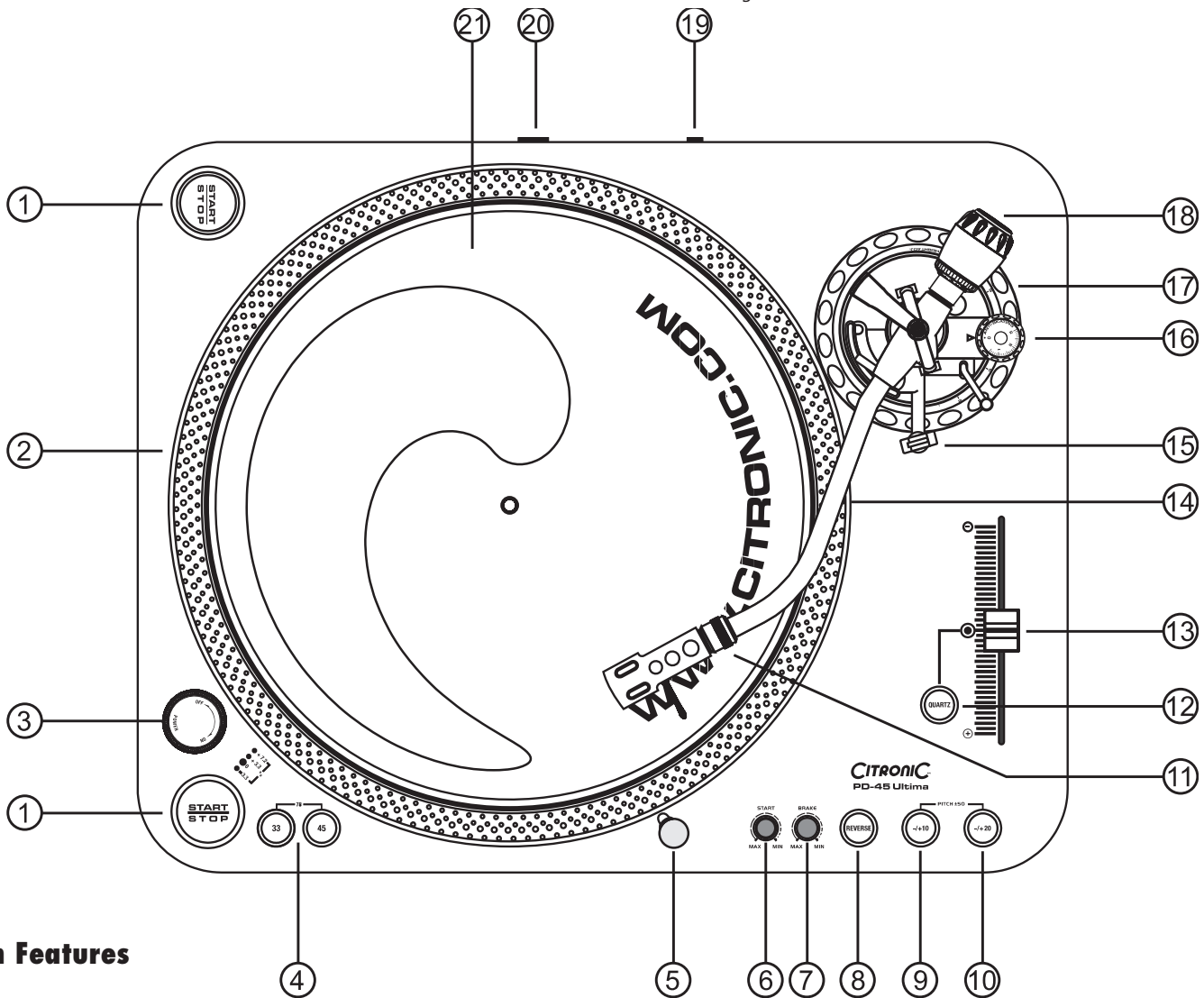
Care must be taken not to damage the power supply cord housing, which could expose line parts and cause electric shock. When removing from wall outlet, be sure to remove by holding the plug and not by pulling the cord.
 In order to prevent electric shock; do not open the top cover. If a problem occurs, contact your dealer.
 Do not place metal objects or spill liquid inside. Electric shock or malfunction may result.

Any use of the controls, or any adjustment, or the performance of any procedure other than those specified herein may result in serious damage to your health.
 The unit should not be opened or repaired by anyone except properly qualified service personnel.
 Double insulated - when servicing, use only identical replacement parts.

Check List

Check that the following parts are included in the package with the main unit:

- Instruction Manual
- Counter Weight
- Target light
- Headshell
- Platter
- Slipmat
- AC Cord
- Connecting leads



Main Features

- 1) **START/STOP**
Dual start/stop buttons for normal or battle mode.
- 2) **STROBE DOTS**
These dots around the edge of the platter can be used to assess the speed of rotation in conjunction with the strobe light (3). When the dots are flowing to the right the speed is lower than the display speed (33,45,78). When flowing to the left the speed is faster than the display speed. When the strobe is static the platter is rotating at the display speed.
- 3) **POWER ON/OFF & STROBE LIGHT**
On - rotate right
Off - rotate left
- 4) **PLATTER SPEED**
33rpm - press 33
45rpm - press 45
78rpm -press 33 & 45 together
- 5) **TARGET LIGHT**
Removable light giving illumination to the styli position
- 6) **START SPEED**
Rotary knob to adjust the starting speed of the Platter. Setting to Max will give the fastest start-up time of 0.2~6 seconds. Setting to minimum will allow the platter to increase to full speed gradually.

7) BRAKE SPEED

Rotary knob to adjust the brake speed of the platter. Setting to Max will give the fastest brake time of 0.2~6 seconds. Setting to minimum will allow the platter to decrease to stop gradually.

8) REVERSE

This button is used to reverse the direction of the platter rotation

9) ±10%

Press this button to select ±10% pitch range on the pitch slider (13). Button is lit when selected.

10) ±20%

Press this button to select ±20% pitch range on the pitch slider (13). Button is lit when selected. Press ±10% & ±20% buttons simultaneously to select ±50% pitch range on the pitch slider (13). Both ±10% button & ±20% button will be lit.

11) HEADSHELL LOCKING NUT

Attach the head shell by inserting into the front end of the tone arm, then turn the locking nut clockwise with the head shell firmly held horizontally.

12) QUARTZ

The Quartz button when lit sets the pitch to 0% no matter where the pitch slider (13) is set.

13) PITCH SLIDER

Use this slider to make adjustments to the speed of the platter during play. The slider will adjust at ±10,20 & 50% selectable.

14) TONE ARM

This is a fully manual S-shaped tone arm of metal construction.

15) TONE ARM REST

The tone arm rest holds the tone arm when not in use. There is a locking catch to secure the tone arm to avoid damage by accidentally knocking the deck.

16) ANTI-SKATE

Use this dial to adjust the amount of anti-skate to be added. When a record is playing, a force is generated drawing the stylus towards the centre of the record. Set this knob to the same value as the stylus pressure to offset this force.

17) HEIGHT ADJUST

Adjust the height of the tone arm to the depth of the cartridge so the tone arm is level.

18) COUNTERWEIGHT

Use this to balance the tone arm and to adjust the stylus pressure.

19) OUTPUT

Phono connections to any mixer's phono inputs.

20) POWER

IEC connection socket for a 90° kettle type lead included.

21) SLIPMAT

High quality custom slipmat design to give grip on the record and minimum resistance on the platter.

Installing a Cartridge

To install a cartridge into the headshell provided, refer to the installation instructions supplied by the manufacturer of that cartridge. During installation, attach the stylus protector to guard the stylus tip from damage.

Attach wires as follows:

- White (L+) Left Channel +
- Blue (L-) Left Channel -
- Red (R+) Right Channel +
- Green (R-) Right Channel -

Placement

- Do not place the unit in a location where it will be exposed to direct sunlight or near a heating appliance.
- Do not place the unit in a location where there is high humidity or a lot of dust.
- Cartridge may pick up sound pressures or vibrations from the speakers coming along the floor or through the air resulting in howling. Find a location, which is very stable, and vibration free.
- The legs have functions for adjusting the height of the unit itself. Adjust the legs to stabilize the main body horizontally.

Connections

1. Connect the power cord to the household AC outlet.
2. Connect the unit output terminals to the PHONO jack of your amplifier or receiver.

Output terminals		Amplifier (Receiver)
L (White)	>>	L Channel
R (Red)	>>	R Channel
GND (Spade)	>>	GND

NOTE: Be sure to connect the separate ground terminal firmly to the amplifier or receiver. If this connection is not made or is loose, a power source "HUM" will result.

Maintenance

- Clean the stylus periodically with a soft brush to prevent the accumulation of dust.
- When the sound becomes distorted or noisy, check the stylus. If worn out, replace it with a new one.
- From time to time, the turntable cabinet should be wiped with a soft, dry cloth.

Technical Specification

Motor	.....16 pole 3 phase brushless DC
Drive	.....Direct Drive
Pitch	.....±10%, 20%, 50%
Starting Torque	.....More than 4.5kgf.cm
Braking system	.....Electronic brake
Braking Time	.....Less than 0.2~6 sec (Adjustable)
Starting Time	.....Less than 0.2~6 sec (Adjustable)
Tracking force adjustment range	.....0 - 3g
Effective arm length	.....230mm
Power supply	.....AC 230V, 50/60Hz
Power consumption	.....13 Watts
Dimension (WxDxH)	.....450 x 353 x 86 mm
Weight	.....11 kgs

CE Markings

EMC Conformity

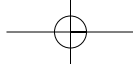
The PD-45 Ultima Professional Direct Drive Turntable, have been tested to demonstrate compliance with the EMC 89/336/EEC directive, under which the following harmonised standards apply:

- I) EN55020 Electromagnetic Immunity
- iv) EN55013 Electromagnetic Compatibility

Electrical Equipment Safety Regulations (1994)

The PD-45 Ultima Professional Direct Drive Turntable, have been designed and tested to demonstrate compliance the LVD 73/23/Eec directive, using the following standard.

- I) EN60065 Safety requirements for mains operated electronic equipment for household and similar general use.



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