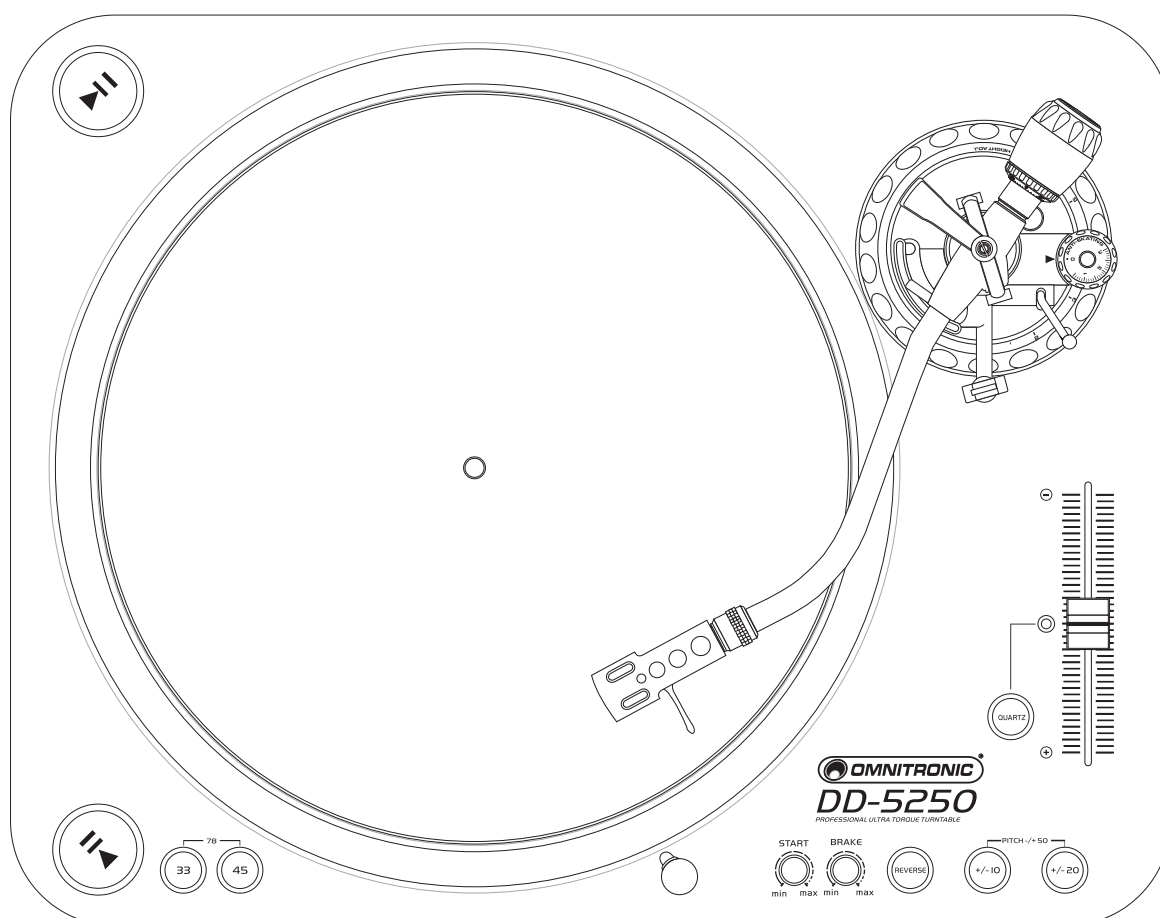




**BEDIENUNGSANLEITUNG
USER'S MANUAL
MODE D'EMPLOI**

DD-5250

ULTRA TORQUE Turntable



Für weiteren Gebrauch aufbewahren!
Keep this manual for future needs!
Gardez ce mode d'emploi pour des
utilisations ultérieures!
Guarda este manual para posteriores usos.



© Copyright
Nachdruck verboten!
Reproduction prohibited!
Réproduction interdit!
Prohibida toda reproducción.

MULTI-LANGUAGE-INSTRUCTIONS

Inhaltsverzeichnis

Table of contents

Sommaire

Deutsch

EINFÜHRUNG	3
SICHERHEITSHINWEISE	4
BESTIMMUNGSGEMÄSSE VERWENDUNG	5
LIEFERUMFANG	5
BESCHREIBUNG DER TEILE	6
INBETRIEBNAHME	7
AUFSTELLEN	12
ANSCHLÜSSE	13
BEDIENUNG	13
REINIGUNG UND WARTUNG	15
TECHNISCHE DATEN	16

English

INTRODUCTION	17
SAFETY INSTRUCTIONS	18
OPERATING DETERMINATIONS	19
INCLUDED IN THE DELIVERY	19
GENERAL DESCRIPTION	20
SETUP	21
INSTALLATION	26
CONNECTIONS	27
OPERATION	27
CLEANING AND MAINTENANCE	29
TECHNICAL SPECIFICATIONS	29

Français

INTRODUCTION	30
INSTRUCTIONS DE SÉCURITÉ	31
EMPLOI SELON LES PRÉSCRIPTIONS	32
LIVRÉ AVEC	32
DESCRIPTION	33
MISE EN SERVICE	34
INSTALLATION	39
CONNEXIONS	40
MANIEMENT	40
NETTOYAGE ET MAINTENANCE	42
CARACTÉRISTIQUES TECHNIQUES	43

Das neueste Update dieser Bedienungsanleitung finden Sie im Internet unter:

You can find the latest update of this user manual in the Internet under:

Vous pouvez trouver la dernière version de ce mode d'emploi dans l'Internet sous:

www.omnitronic.com

OPERATING INSTRUCTIONS



DD-5250 ULTRA TORQUE-turntable



CAUTION!

Keep this device away from rain and moisture!
Unplug mains lead before opening the housing!

For your own safety, please read this user manual carefully
before you initial start-up.

Every person involved with the installation, operation and maintenance of this device has to

- be qualified
- follow the instructions of this manual
- consider this manual to be part of the total product
- keep this manual for the entire service life of the product
- pass this manual on to every further owner or user of the product
- include every supplementay update with the original manual

INTRODUCTION

Thank you for having chosen an OMNITRONIC DD-5250. If you follow the instructions given in this manual, we can assure you that you will enjoy this device for many years.

Unpack your OMNITRONIC DD-5250.

Please make sure that there are no obvious transport damages. Should you notice any damages on the A/C connection cable or on the casing, do not take the device into operation and immediately consult your local dealer.

Features

Ultra Torque-turntable

Quartz-controlled for highest precision

- Extremely resonance-free due to optimally combined components
- With Reverse-function
- Tone-arm height adjustable
- Three preset speeds (33 1/3, 45 and 78 RPM)
- Speed-control switchable from +/- 10 % to +/- 20 % and +/- 50 %
- Continuously pitchable without zero lock
- Quartz-controlled for highest precision
- Quartz Lock-button for returning to the preset standard speed
- Platter and motor are directly connected for highest stability
- Delivery without pick-up system

- Two large Start/Stop-buttons
- Start/Stop-time individually adjustable
- Separate LED target lamp (stackable)
- Adjustable anti-skating
- Shock-absorbing feet
- Power cable and RCA-cable detachable
- Recessed connection for easy case-mounting

SAFETY INSTRUCTIONS



CAUTION!

Be careful with your operations. With a dangerous voltage you can suffer a dangerous electric shock when touching the wires!

This device has left our premises in absolutely perfect condition. In order to maintain this condition and to ensure a safe operation, it is absolutely necessary for the user to follow the safety instructions and warning notes written in this user manual.



Important:

Damages caused by the disregard of this user manual are not subject to warranty. The dealer will not accept liability for any resulting defects or problems.

Always plug in the power plug least. Make sure that the power-switch is set to OFF position before you connect the device to the mains.

Keep away from heaters and other heating sources!

If the device has been exposed to drastic temperature fluctuation (e.g. after transportation), do not switch it on immediately. The arising condensation water might damage your device. Leave the device switched off until it has reached room temperature.

Never put any liquids on the device or close to it. Should any liquid enter the device nevertheless, disconnect from mains immediately. Please let the device be checked by a qualified service technician before you operate it again. Any damages caused by liquids having entered the device are not subject to warranty!

This device falls under protection-class I. The power plug must only be plugged into a protection class I outlet.

Never let the power-cord come into contact with other cables! Handle the power-cord and all connections with the mains with particular caution!

Make sure that the power-cord is never crimped or damaged by sharp edges. Check the device and the power-cord from time to time.

Always disconnect from the mains, when the device is not in use or before cleaning it. Only handle the power-cord by the plug. Never pull out the plug by tugging the power-cord.

Before the device is switched on all faders and volume controls have to be set to "0" or "min" position.

CAUTION: Turn the amplifier on last and off first!

Keep away children and amateurs!

CAUTION: High volumes can cause hearing damage!

There are no serviceable parts inside the device. Maintenance and service operations are only to be carried out by authorized dealers.

OPERATING DETERMINATIONS

This device is a professional turntable for playing standard LPs or Singles. This product is allowed to be operated with an alternating current of 230 V, 50 Hz and was designed for indoor use only.

Do not shake the device. Avoid brute force when installing or operating the device.

When choosing the installation-spot, please make sure that the device is not exposed to extreme heat, moisture or dust. There should not be any cables lying around. You endanger your own and the safety of others!

Do not operate the device in extremely hot (more than 30° C) or extremely cold (less than 5° C) surroundings. Keep away from direct insulation (particularly in cars) and heaters.

Operate the device only after having familiarized with its functions. Do not permit operation by persons not qualified for operating the device. Most damages are the result of unprofessional operation!

Never use solvents or aggressive detergents in order to clean the device! Rather use a soft and damp cloth.

Please use the original packaging if the device is to be transported.

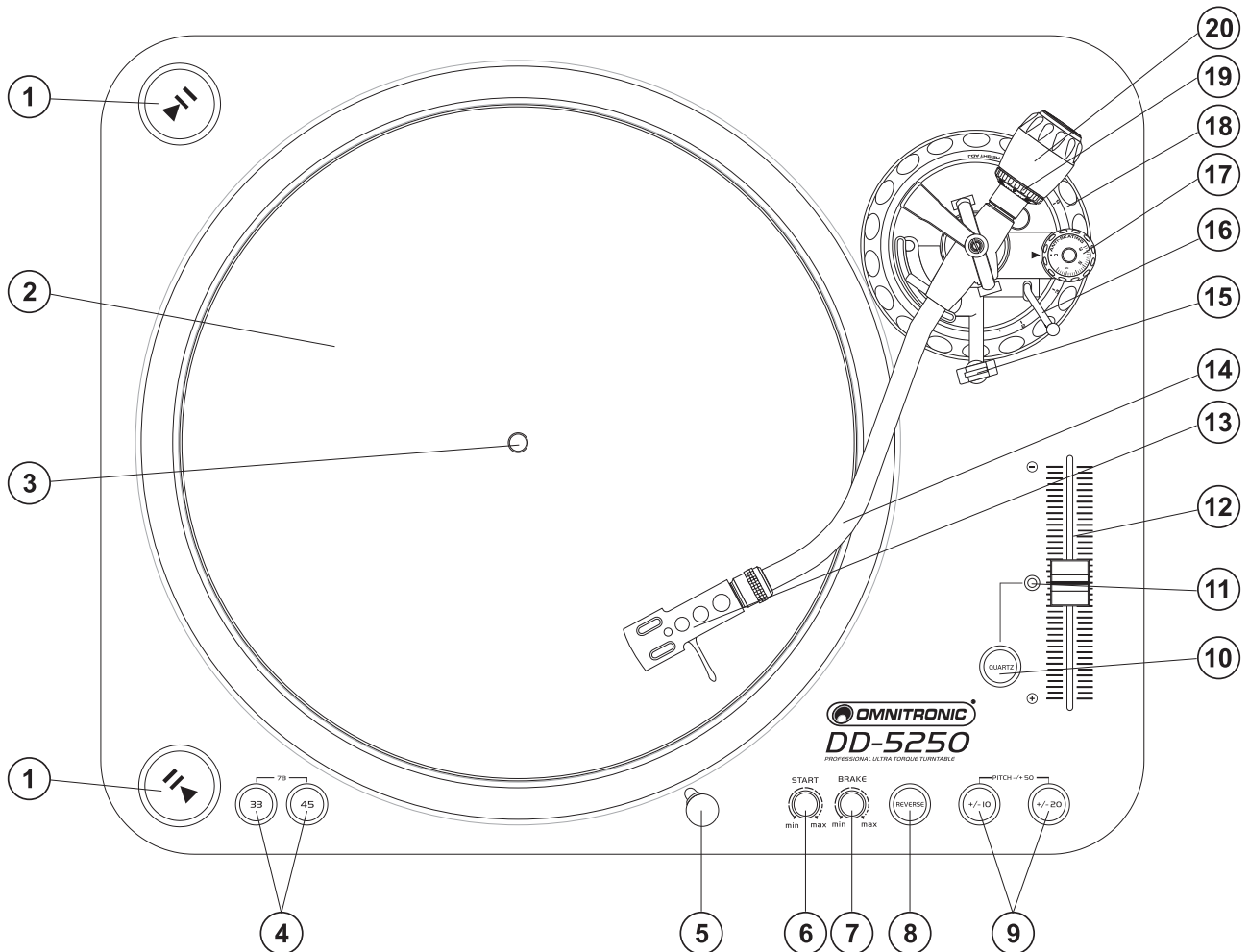
Never remove the serial barcode from the device as this would make the guarantee void.

If this device will be operated in any way different to the one described in this manual, the product may suffer damages and the guarantee becomes void. Furthermore, any other operation may lead to dangers like short-circuit, burns, electric shock, etc.

INCLUDED IN THE DELIVERY

- Turntable-chassis
- Platter
- Slipmat
- Counterweight
- Headshell (with cables)
- 45 RPM adaptor
- Target light
- RCA-cable with integrated earthing cable
- Power supply cable
- User manual

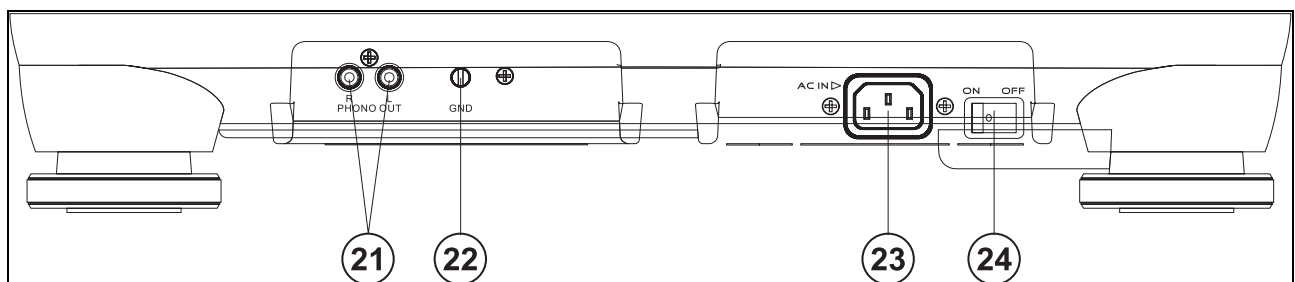
GENERAL DESCRIPTION



- 1. START/STOP-button
- 2. Platter
- 3. Center axle
- 4. Speed-selector
- 5. Target light
- 6. Start Time-control
- 7. Stop Time-control

- 8. Direction-button
- 9. +/- 10/20/50 % button
- 10. Quartz Lock-button
- 11. Quartz LED
- 12. Pitchfader
- 13. Headshell
- 14. Tonearm

- 15. Tonearm-clamp
- 16. Tonarm-lift
- 17. Anti-Skating-wheel
- 18. Adjusting-ring for adjusting the tonearm-height
- 19. Counterweight-scale
- 20. Counterweight

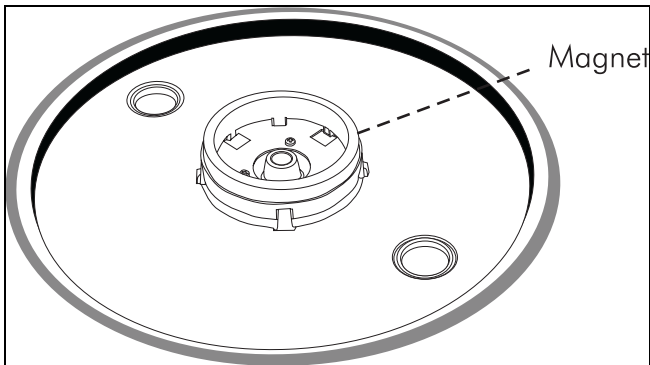


- 21. Phono Out-sockets
- 22. GND
- 23. Power supply socket
- 24. Power switch

SETUP

Place the turntable on a plane, stable ground for carrying out the setup.

Carefully place the platter on the center axle



Caution:

The motor magnet is located on the turntable bottom. Make sure that the magnet will not be contaminated with dirt or iron dust in order to guarantee full performance. Never drop the platter as this could result in magnet damage.

Place the Slipmat on the platter.

Installing the pick-up system

Read the user manual of the pick-up system.

Put the stylus cover on the stylus.

Connect the Headshell's connection cables with the terminals of the pickup-system and make sure that the occupation of the cables is correct.

The different colours mean:

Used colour:	Channel and poles:
White (L+)	Left, plus-pole
Blue (L-)	Left, minus-pole
Red (R+)	Right, plus-pole
Green (L-)	Right, minus-pole

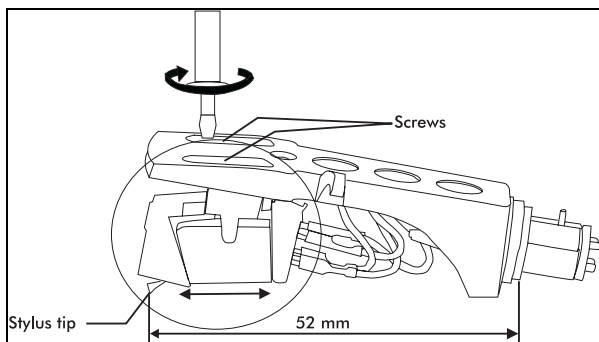
Only tighten the screws on the Headshell loosely, so that you can still move the system.

Adjusting the overhang/azimuth

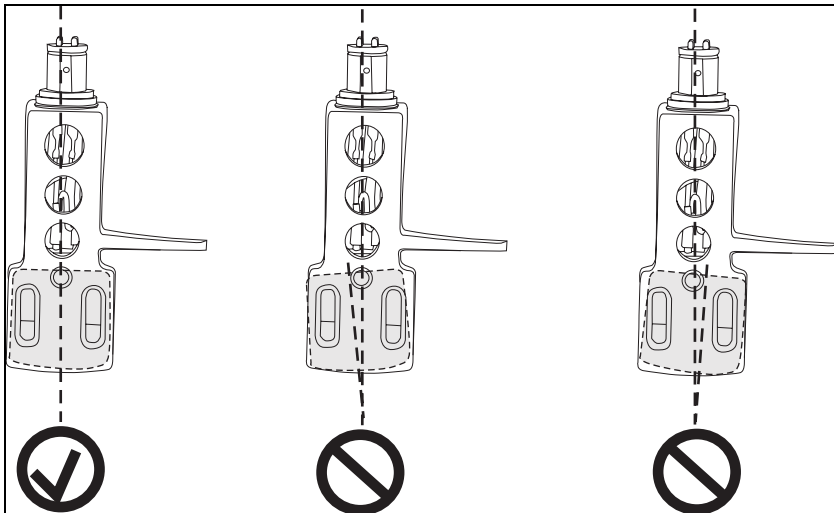
The overhang is the distance between the stylus and the center of the turntable.

For optimized pick-up, the overhang should be set to 15 mm.

Move the system forwards or backwards until you reach the desired position.



Position the system so that it is centered (correct azimuth).

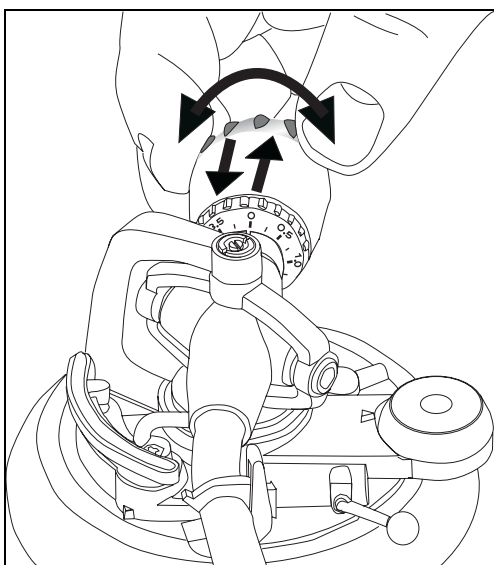


Tighten the screws again.

Installing the headshell

Screw the system on the tonearm and tighten the fixation screw. Never overtighten in order not to damage the tonearm or headshell.

Installing the counterweight

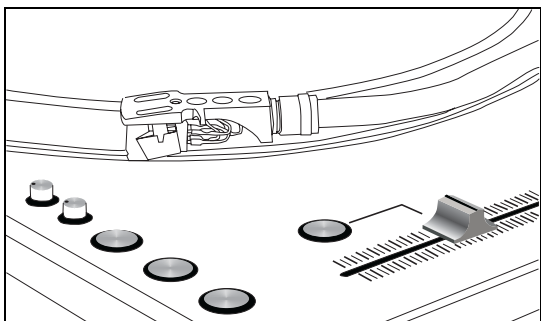


Screw the counterweight onto the tonearm's back.

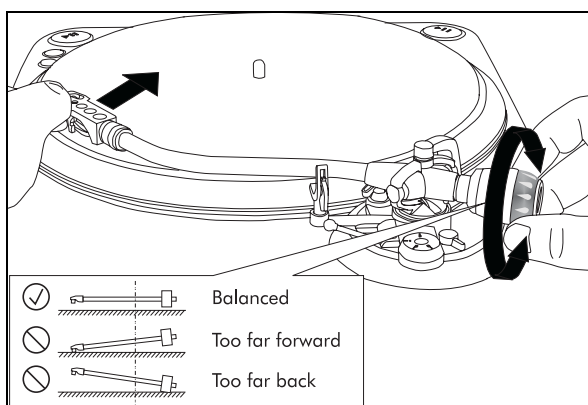
Make sure that the scale ring points to the front.

Adjusting the counterweight

- Remove the stylus cover.
- Set the Anti-skating-wheel to the 0 position.
- Set the tonearm lift to the down position
- Release the tonearm from the armrest and move it to a position between the turntable and the armrest. Make sure that you do not damage the stylus.



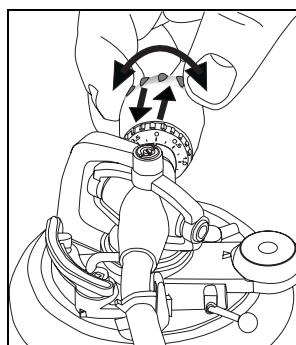
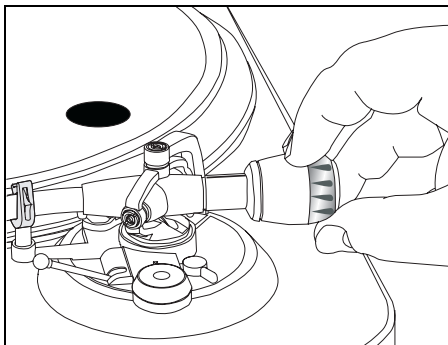
- Carefully hold the tonearm and adjust the counterweight by turning it clockwise or anti-clockwise respectively. The tonearm should be balanced to a horizontal position.



- Move the tonearm back to the armrest and clamp it.
- Put the stylus cover on the stylus.
- Set the scale on the counterweight to the 0 position without turning the counterweight.

Caution:

Hold the counterweight with one hand in order not to change the balanced setting (stylus pressure = 0). Only move the scale ring.

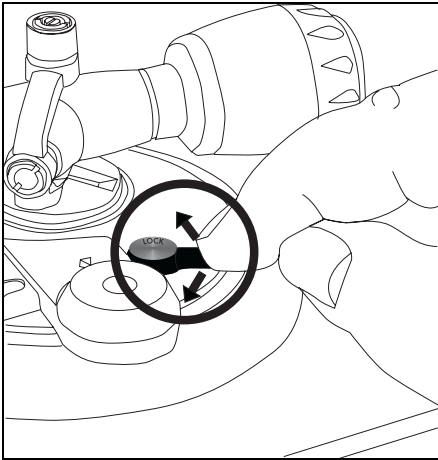


- Turn the counterweight clockwise until the scale shows the value corresponding to the pressure of the used stylus. Please follow the pick-up system manufacturer's instructions.

Adjusting the tonearm-height

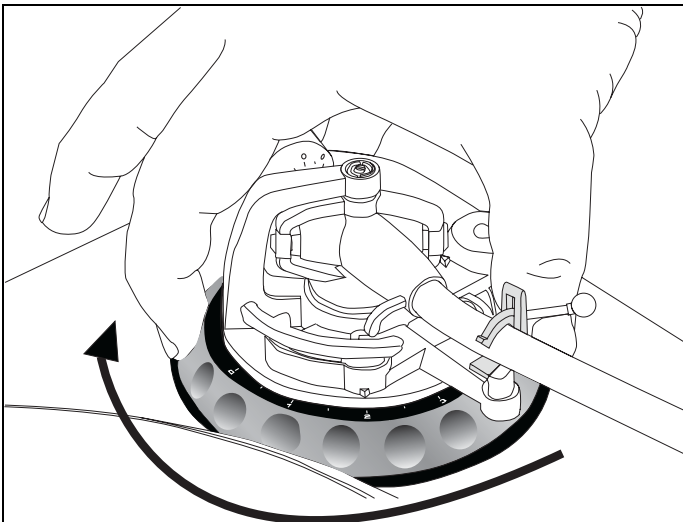
The tonearm-height varies from system to system. In order to guarantee perfect pick-up, we recommend to adjust the tonearm-height via the adjusting-ring.

Before adjusting the tonearm-height please unlock the adjusting-ring lock.



Adjust the tonearm-height via as follows:

Height of pick-up system in mm	Adjusting-ring
15	0
16	1
17	2
18	3
19	4
20	5
21	6

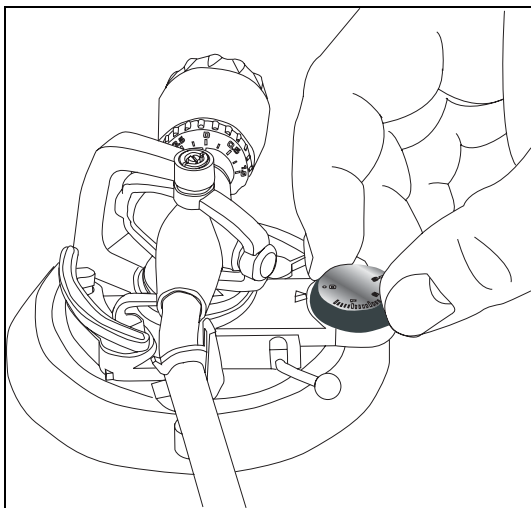


Please check visually if the tonearm and the LP is as parallel as possible.

After adjusting the tonearm-height please lock the adjusting-ring lock.

Adjusting the tracking force

Set the Anti-skating-wheel to the value equivalent to the pressure of the used stylus. Please follow the pick-up system manufacturer's instructions.



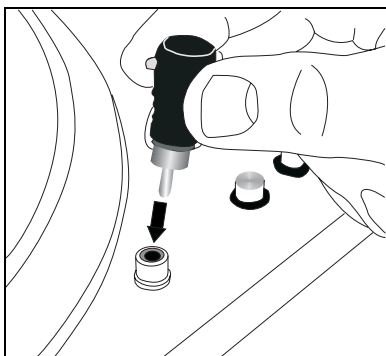
Target lamp

Under insufficient lighting conditions use the target light for spotting the exact starting position.

Insert the target lamp into the correct RCA-socket.

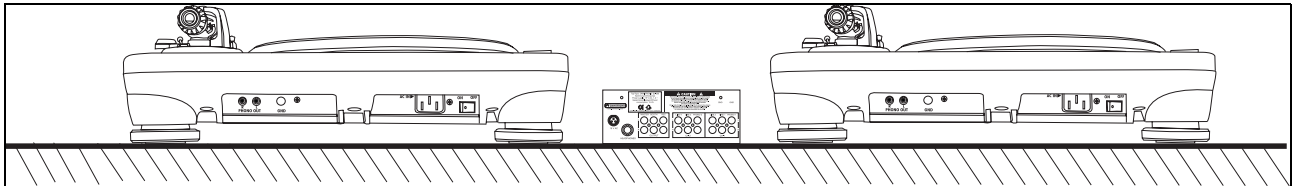
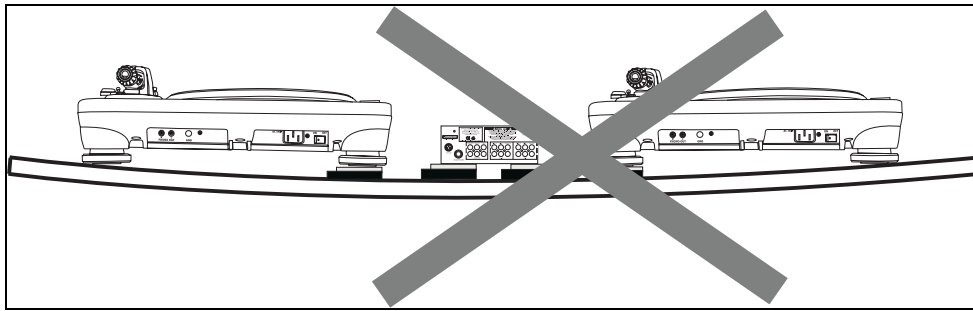
Caution:

Never connect any other plugs, e.g. mixer inputs etc. to this socket! Danger of heavy equipment damage.

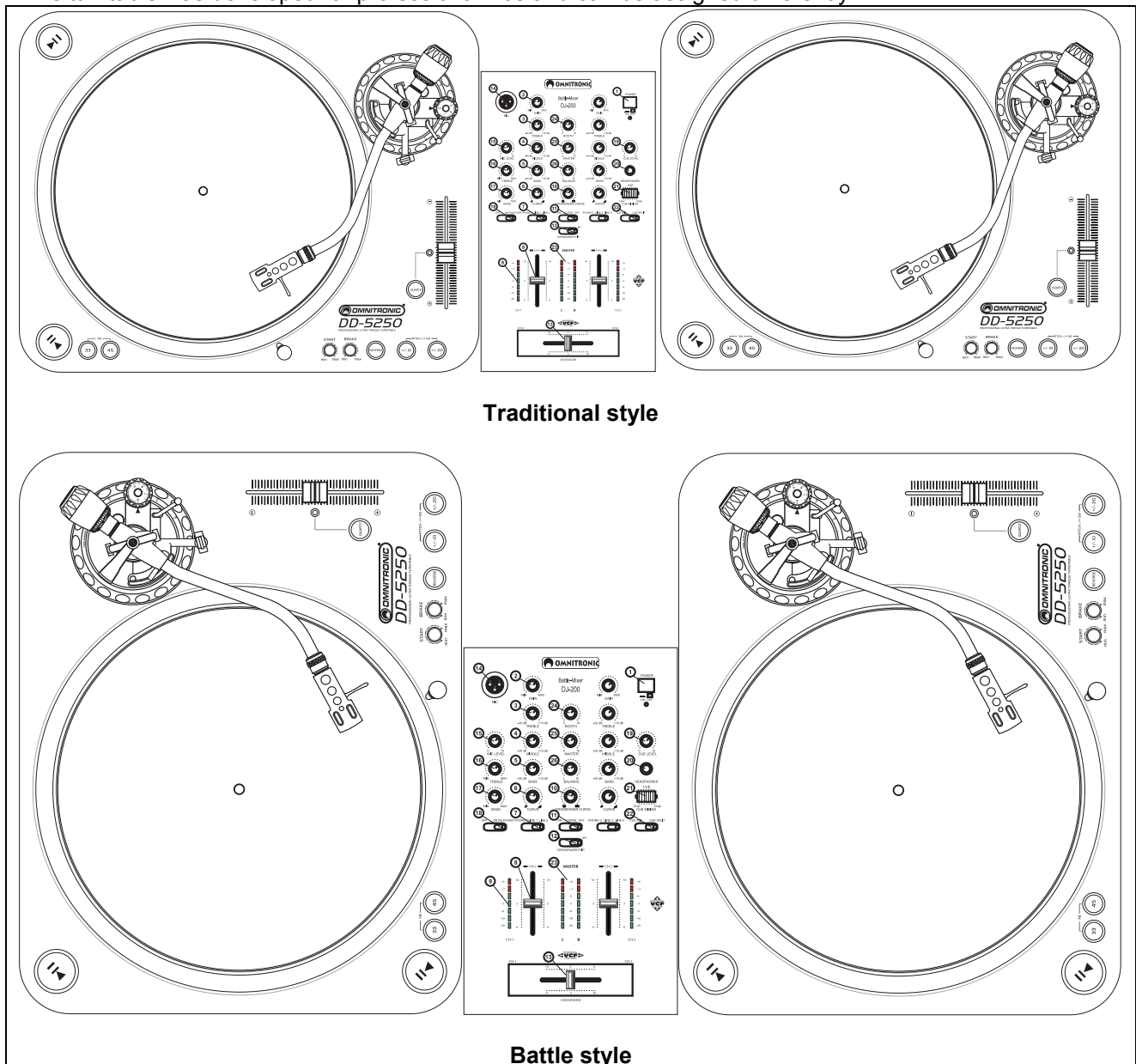


INSTALLATION

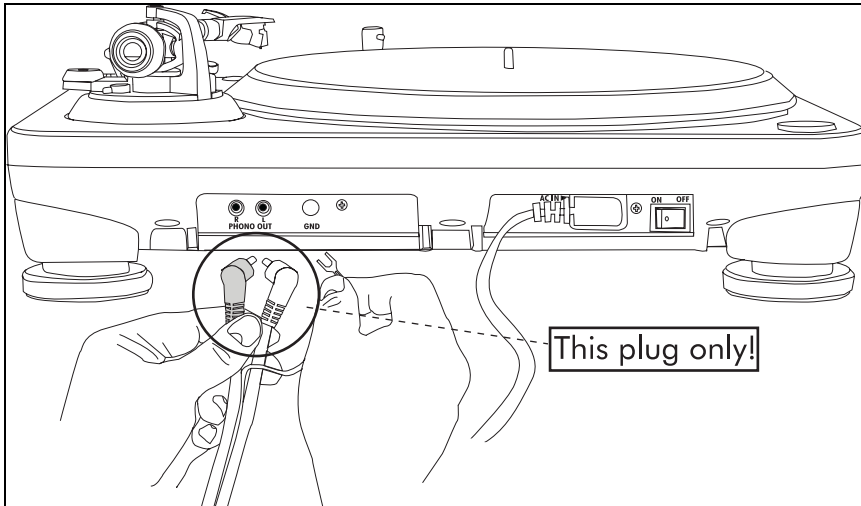
Install the turntable at the desired installation spot. Make sure to use a horizontal, stable surface.



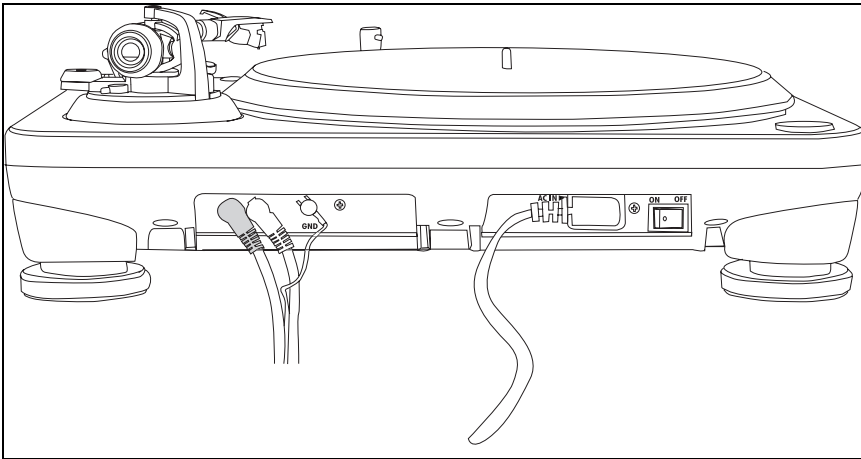
This turntable was developed for professional DJs and can be assigned differently:



CONNECTIONS



Connect the RCA-cables (white=left channel, red=right channel) with the Phono-sockets of your amplifier or mixer. Connect the ground lead with the ground terminal of your amplifier or mixer.

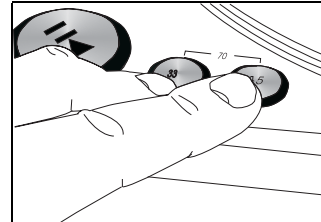
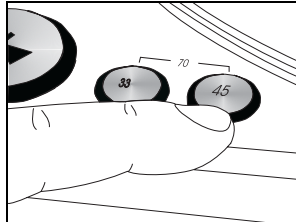
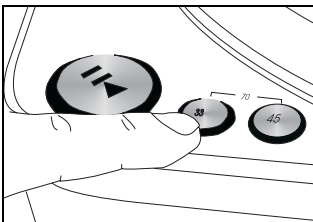


Connect the turntable to the mains.

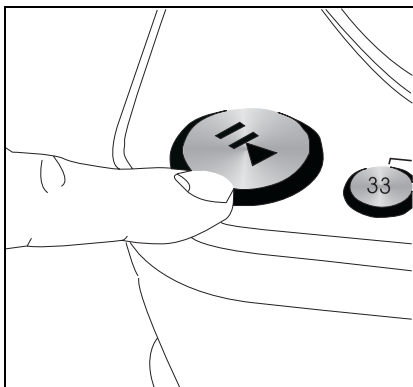
OPERATION

After turning the unit on, the platter automatically moves with 33 RPM.

- Select the speed required for the record you want to play.



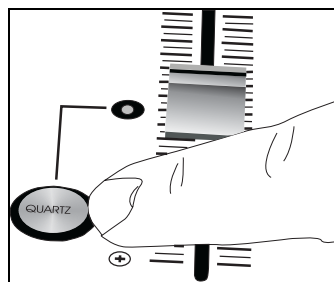
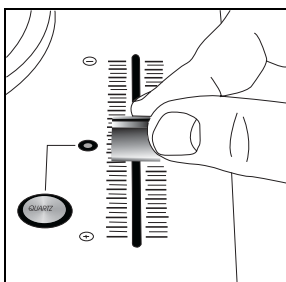
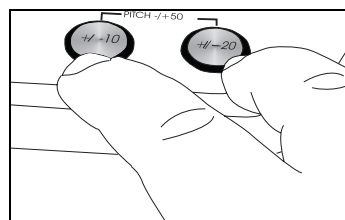
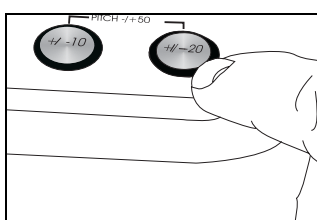
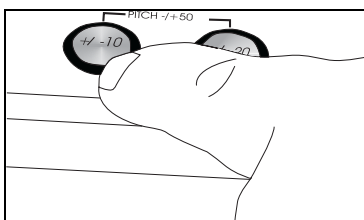
- Put the record on the platter. Use the 45 RPM adaptor if needed (e.g. for singles).
- If you wish to set the speed to 45 RPM, press the 45-button. If you wish to set the speed to 78 RPM, simultaneously press the 33-button and the 45-button.
- Remove the the stylus cover and release the tonearm.
- Press the START/STOP-button and the platter begins to rotate.



- Set the tonearm lift to the up position and move the tonearm to the desired starting position.
- Set the tonearm lift to the down position and the tonearm slowly lowers to the record.
- Should you desire to stop the turntable without removing the tonearm from the record, simply press the START/STOP-button. The electro-brake will stop the rotation according to the settings.
- Should you desire to interrupt playback for a short period, set the tonearm lift to the up position. When you wish to continue playback, set the tonearm lift back to the down position.
- When you do not need the tonearm lift at all, leave it in the down position.

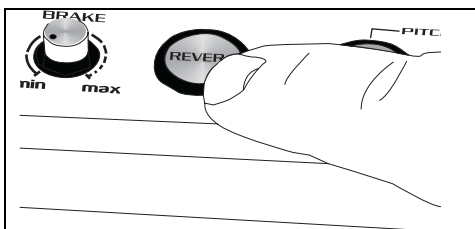
Adjusting the playback-speed:

- You can adjust the playback-speed by up to 50 %. If you wish to adjust the playback-speed by $\pm 10\%$ press the $\pm 10\%$ button. If you wish to adjust the playback-speed by $\pm 20\%$ press the $\pm 20\%$ button. If you wish to adjust the playback-speed by $\pm 50\%$ press the $\pm 10\%$ and the $\pm 20\%$ button simultaneously. Move the pitchfader to the desired position. If you wish to have the exact playback-speed with 0 % adjustment, press the Quartz-button.



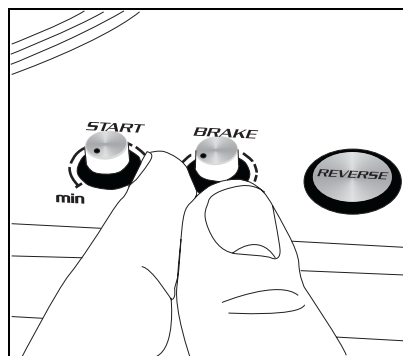
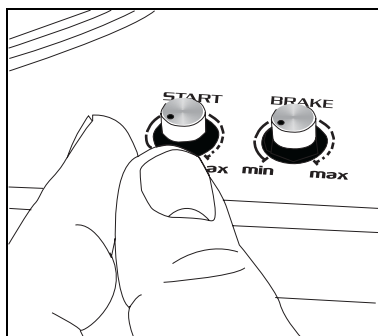
Adjusting the rotation-direction:

After turning the unit on, the platter moves forwards. You can reverse the rotation-direction by pressing the Direction-button.



Adjusting the start/break time

With the DD-5250, you can individually adjust the start/break time between 0.2 and 6 seconds. Turn the start time-control or stop time-control until the desired time is set.



CLEANING AND MAINTENANCE



DANGER TO LIFE!

Disconnect from mains before starting maintenance operation!

We recommend a frequent cleaning of the device. Please use a soft lint-free and moistened cloth. Never use alcohol or solvents!

There are no servicable parts inside the device. Maintenance and service operations are only to be carried out by authorized dealers.

Should you need any spare parts, please use genuine parts.

Should you have further questions, please contact your dealer.

TECHNICAL SPECIFICATIONS

Type:	3-speed full manual turntable
Drive-method:	Quartz-controlled direct-drive
Motor:	Brushless DC-motor
Power supply:	230 V AC, 50 Hz ~
Power consumption:	13 W
Frequency range:	20 - 20,000 Hz, ± 1 dB
S/N-ratio:	> 60 dB (DIN B)
Wow & Flutter:	< 0.1 % WRMS at 33 RPM
Channel separation:	> 20 dB
Speed:	33 1/3 RPM, 45 RPM and 78 RPM
Change-time between the speeds:	
	33 <-> 45 RPM in < 0.2 sec.
	33 <-> 78 RPM in < 0.5 sec.
	45 <-> 33 RPM in < 0.2 sec.
	45 <-> 78 RPM in < 0.5 sec.
Rotation-direction:	Forwards/backwards
Pitch adjustment:	± 10 %, ± 20 % or ± 50 % via fader
Initial torque:	> 4.5 kg/cm
Adjustable start time:	0.2 - 6 sec.
Brake:	Electric brake
Adjustable stop time:	0.2 - 6 sec.
Platter:	Outer diameter 332 mm
	Weight 1,400 g
Tonearm:	S-shape with Cardan's suspension
Tonearm-length:	230 mm
Adjusting the tonearm-height:	8-10.5 mm
Overhang:	15 mm
Adjustable stylus-pressure	2-5 g
Anti-Skating-range:	0-3 g
Dimensions:	450 x 350 x 160 mm
Weight:	11 kg

Please note: Every information is subject to change without prior notice. 27.05.2003 ©