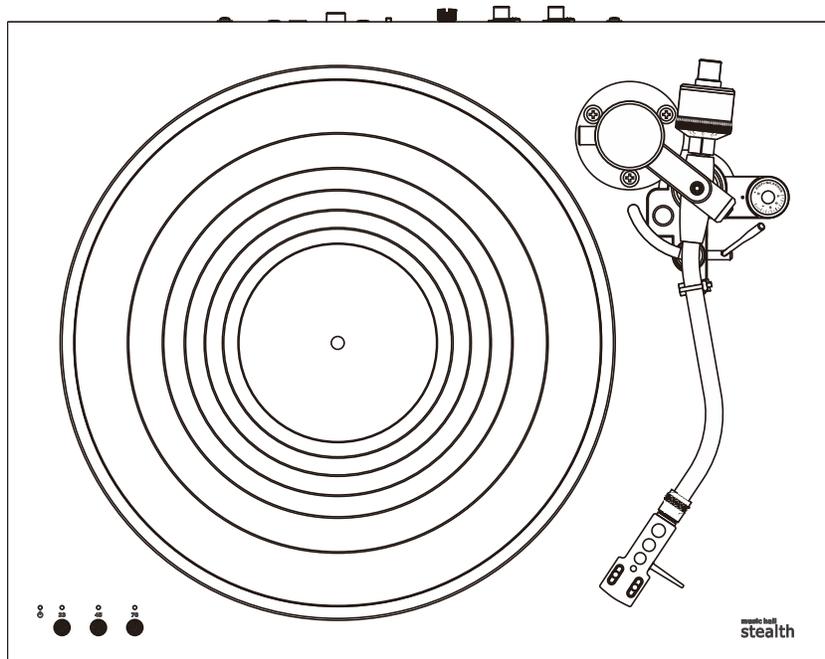


music hall **stealth**

INSTRUCTION MANUAL



music hall
<http://www.musichallaudio.com>

IMPORTANT SAFETY INSTRUCTIONS

1. Read these instructions carefully.
2. Keep these instructions for later reference.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use the device near water.
6. Clean only with a dry cloth.
7. Do not block any ventilation openings. Always ensure a sufficient ventilation. Install in accordance with the manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other devices (including amplifiers) that produce or radiate heat.
9. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades, one being wider than the other. A grounding-type plug has two blades and a third grounding prong. The wide blade or the third prong is provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched or otherwise damaged, particularly at plugs, convenience receptacles, and the point where they exit from the device.
11. Only use attachments/accessories that have been specified by the manufacturer.
12. Use only with a cart, stand, tripod, bracket or table specified by the manufacturer, or sold along with the device. When a cart is used, use caution when moving the cart/device combination to avoid injury from tip-over.
13. Unplug this device during lightning storms or when not being used for longer periods of time.
14. Refer all servicing to qualified service personnel only. Servicing is required when the device has been damaged in any way, such as: Power-supply cord or plug has been damaged, liquid has been spilled or entered the device, the device has been exposed to rain or moisture, or objects have fallen into the device, the device does not work normally, or it has been dropped.
15. Where a mains plug is used as the disconnect device, the disconnect device shall remain readily operable.
16. Please keep the unit in a good ventilation environment at any time.



 The lightning flash with the arrowhead symbol within the equilateral triangle is intended to alert the user to the presence of un-insulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of an electrical shock.

Le symbole de l'éclair terminé par une flèche situé à l'intérieur d'un triangle équilatéral avertit l'utilisateur de la présence de tension dangereuse non isolée dans l'appareil, dont l'amplitude peut constituer un risque de choc électrique.

 The exclamation point within the equilateral triangle is intended to alert the user to the presence of important operation and maintenance (servicing) instructions in the literature accompanying this appliance.

Le symbole du point d'exclamation dans un triangle équilatéral vise à avertir l'utilisateur de la présence, dans la documentation accompagnant cet appareil, d'importantes instructions de fonctionnement et d'entretien.

WARNING! / AVERTISSEMENT!

To reduce the risk of fire or an electrical shock, do not expose this device to rain or moisture. The device must not be exposed to dripping or splashing water. Furthermore no objects filled with liquids, such as vases, shall be placed on the device.

Afin de réduire les risques d'incendie ou de choc électrique, n'exposez pas cet appareil à la pluie et à l'humidité. L'appareil ne doit pas être exposé au ruissellement ni à la projection d'eau et aucun objet contenant un liquide, tel qu'un vase, ne doit être posé dessus.



CAUTION: In order to reduce the risk of an electrical shock, do not remove any cover. There are no user-serviceable parts inside the device. Refer servicing to qualified service personnel only.

ATTENTION : Pour réduire le risque de choc électrique, ne déposez aucun capot. L'appareil ne contient aucun composant réparable par l'utilisateur. Toute réparation doit être confiée à un centre de services qualifié.

Caution Marking and rating plate was located at rear enclosure of the apparatus.

Avertissement La plaque signalétique est située à l'arrière de l'appareil.

When the mains plug or appliance coupler is used as disconnect device, it shall remain readily operable.

lorsque la prise du RESEAU D'ALIMENTATION sur l'appareil est utilisée comme appareil de déconnexion, cet appareil doit demeurer aisément accessible.

The ventilation should not be impeded by covering the ventilation openings with items, such as newspapers, table-cloths, curtains, etc.; Minimum distances 10cm around the apparatus for sufficient ventilation.

Il convient que l'aération ne soit pas gênée par l'obstruction des ouvertures d'aération par des objets tels que journaux, nappes, rideaux, etc.; Distance minimale 10cm autour de l'appareil pour une aération suffisante.

No naked flame sources, such as lighted candles, should be placed on the apparatus;

il convient de ne pas placer sur l'appareil de sources de flammes nues, telles que des bougies allumées.

Use the apparatus only in a moderate climate.

N'utiliser l'appareil que dans des climat modéré.

FEATURES

MOTOR PROTECTION FUNCTION

If the rotation of the turntable has not reached constant speed after 30 sec, the motor will stop and the power indicator #4 will flash.

If the motor stops and the power indicator flashes, press any speed button to restart.

STANDBY

This device has an automatic standby mode which is activated after 20 minutes of non-use. At this time, the power indicator light will turn from blue to red.

In standby mode, the power consumption of the turntable is reduced to less than 0.3 W to avoid unnecessary power consumption.

AUTO STOP

Auto stop, also known as auto shut off, stops the platter from spinning approximately 20 seconds after it has finished playing the record. The arm will not automatically raise.

Pushing any speed button will restart the motor.

SETUP and ASSEMBLY

Some assembly is required before you can begin to use your new unit.

Please follow the assembly instruction below before attempting to use your new turntable.

NOTE: Do not connect your turntable to a power outlet with the AC adaptor until you have finished the assembly.
Do not remove the twist tie securing the tonearm until assembly is completed.

PRECAUTIONS ON PLACEMENT:

1. Do not place the unit in a location where it will be exposed to direct sunlight or near any type of heating appliance.
2. Do not place the unit in a location where there is high humidity or a lot of dust.
3. Cartridge may pick up slight sound pressure or vibrations from nearby speakers. For best results, do not install this unit too close to loudspeakers.
4. Install this unit on a horizontal surface that is stable and vibration free.
5. The feet have been specially designed to isolate the unit from excess vibration. The feet are adjustable and should be used to level the turntable.

SETUP and ASSEMBLY

ASSEMBLY

1. Remove the main unit with the packing material from the box.
2. Mount the turntable platter onto the center spindle.
3. Install the rubber mat on the platter.

4. **Installation of cartridge: (if required)**

When installing a new cartridge, refer to its' spec. sheet in order to apply correct tracking force.

During installation, attach the stylus protector to guard the stylus tip from damage.

Connect the lead wires to the cartridge terminals. The terminals of most cartridges are color-coded.

Connect each lead wire to the terminal of the same color.

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

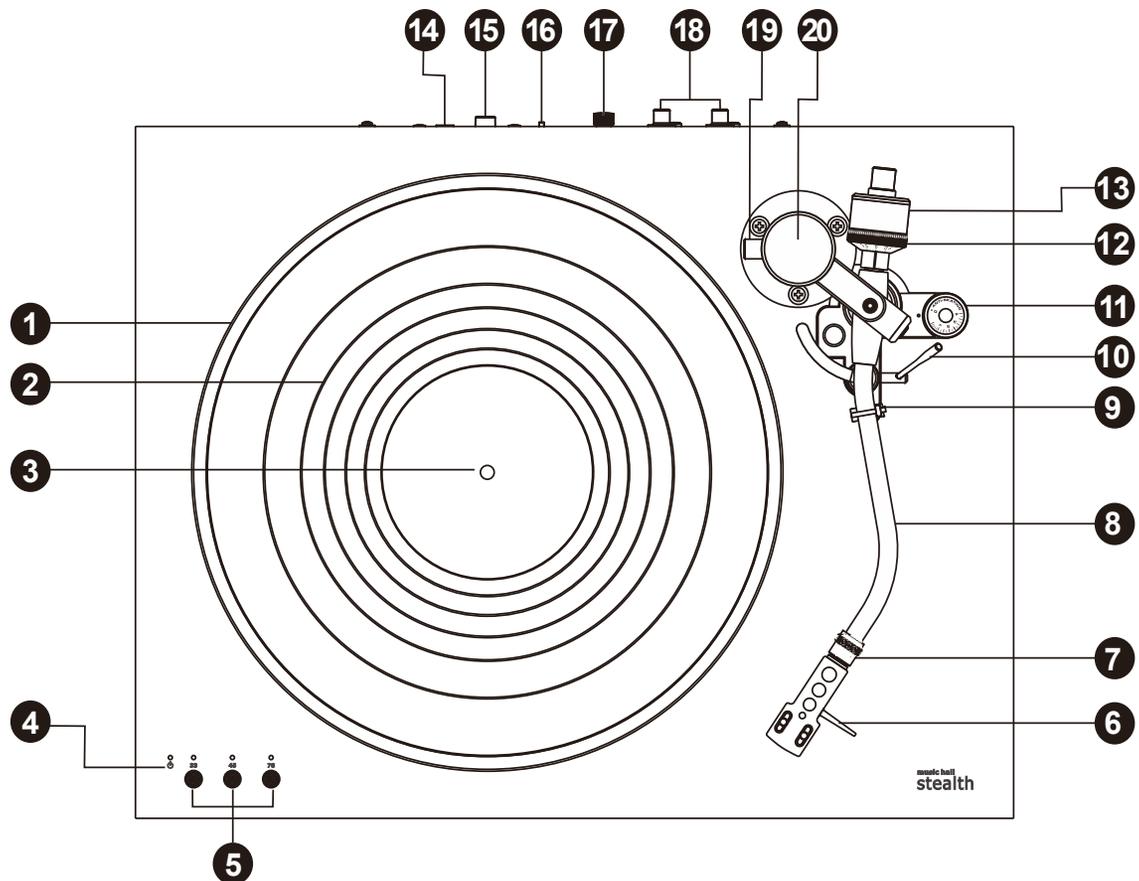
Install the cartridge to the head shell and tighten it with screws provided with the cartridge.

The Stealth turntable comes with an Ortofon 2M Blue cartridge already fitted on the head shell.

5. Insert the head shell firmly into the front end of the tonearm. Turn the lock nut counter- clockwise until tightly attached.
6. Slide counterweight on the tonearm with the numbers facing towards you. Twist it lightly and it will screw onto the rear shaft of the tonearm. Advancing the counterweight to the white cross-hatch will give you an effective tracking force of 1.8g and allow you to **skip steps 8-10**.
7. An additional counterweight (Sub weight) is supplied for use with a heavier cartridge (see page 9)
8. Adjustment of horizontal "zero" balance and stylus pressure:
 - (a) Remove the stylus protector from the head shell, **do not touch the stylus tip during adjustment**.
 - (b) Set the cueing lever to the lowered position.
 - (c) Release the tonearm clamp and lift the tonearm from the arm rest to free it.
 - (d) Supporting the head shell with your left hand or index finger, rotate the counterweight until the tonearm is approximately balanced horizontally (It may move side to side but should not move up or down).
 - (e) Refasten the tonearm with the tonearm clamp.
 - (f) Hold the counterweight stationary with the right hand and rotate the tracking force gauge ring (with numbers on it) until the number "0" aligns with the center line on the rear shaft of the tonearm. **DO NOT TOUCH THE RING AGAIN.**
9. Rotate the counterweight from the back. The tracking force gauge ring will turn with the counterweight. Stop when you have reached the stylus pressure.

If you are using a cartridge other than the one supplied, please follow the correct tracking force as specified by the manufacturer's instructions.
10. Set the anti-skating control knob to the same value as the stylus pressure.
11. The feet can be adjusted by screwing or unscrewing. The table should be leveled before playing.

PART NAMES and FUNCTIONS



1. Platter

2. Rubber mat

3. Spindle

4. Power Indicator

The LED lights blue when switched on by POWER ON/OFF button on the rear panel.

5. Speed buttons

Push speed buttons to select the appropriate rotation speed to play vinyl record.

Touch one more time to stop playback.

The selected speed LED lights blue during playback.

The LED will start flashing at end of playback when the automatic stop function is on.

6. Head shell and Cartridge

7. Locking Ring

8. Tonearm

9. Tonearm clamp and rest.

Use this rest to safely hold the tonearm in position during non-use and transportation.

10. Tonearm lift control lever

Operates the tonearm lift.

PART NAMES and FUNCTIONS

11. Anti-skate control dial

While the record is playing, a force acts on the stylus tip to pull it inward. This force can be counteracted by setting the same values for anti-skate and the tracking force.

12. Tracking force gauge ring

Use to adjust the tracking force.

13. Counterweight

Balances the tonearm and adjusts to provide the proper tracking force.

14. DC in

15. Power on/off button

To turn main power on press the POWER ON/OFF button at the rear of the turntable.

16. Auto-stop on/off switch

Switch on the AUTO STOP function with the selector switch on the rear panel. It will automatically stop the turntable at the end of playback.

You can push any speed button to restart playback.

17. Ground terminal

Connecting the grounding terminals on the turntable and the audio device with a grounding wire may reduce hum.

18. Audio output terminals

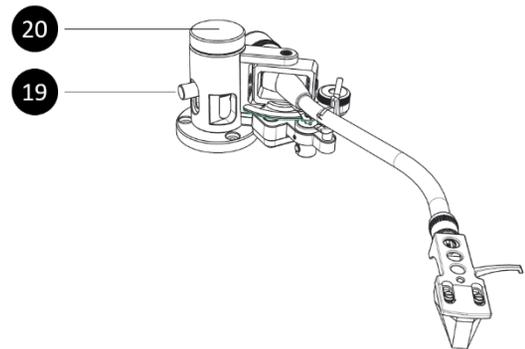
Connect the RCA-cables (white=left channel, red=right channel) with the Phono-sockets of your amplifier or phono amp.

19. Locking nut for VTA adjustment.

Loosen this knob by turning counter-clockwise. This will allow knob 20 to be turned. Tighten this nut after VTA is set.

20. Adjustable VTA knob

Turning this knob raises or lowers the arm



CONNECTION

Before connecting the unit, it is advised that you also consult your current equipment instruction manual.

IMPORTANT: Be sure to turn off the equipment before you make changes to the different connections.

1. Connect the AC adapter to an AC outlet.
2. Connect the RCA cable and GND wire to the PHONO input of your AMPLIFIER.

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

Be sure to connect the ground terminal firmly to the amplifier or receiver. If this connection comes loose, "HUM" may result.

PLAYING a RECORD

Before you play a record, turn down the volume of the connected audio device. Wait until the stylus is completely placed on the vinyl record, and then turn up the volume.

1. Place a record onto the platter.

NOTE: To play a 17 cm (7 inch) vinyl record, place the supplied 45 rpm adaptor on the spindle.

2. Push the SPEED buttons to select the correct speed.
3. Unlock the tonearm lock and lift the tonearm lever. The tonearm will slowly ascend.
4. Gently move the head shell to the position the stylus over the desired track.
5. Lower tonearm lifter lever. The tonearm will slowly descend and playback will start. During playback, do not stop rotation of the platter by hand.
6. To stop the playback before it finishes, push the selected SPEED button again and the playback will stop. Lift the tonearm lever to raise the arm.

AFTER PLAYING

1. Lift the tonearm lever.
2. Move the tonearm back to the tonearm rest.
3. If desired, press the POWER ON/OFF button to turn off your turntable.

SPECIFICATION

1. GENERAL SECTION

Power Supply	DC12V, 2.0A 
Standby Power consumption	Less than 0.3 W, Auto stop on more than 20 minutes
Dimensions	453(W) x 361.67(D) x 146.7(H) mm
Weight	11Kg (24lbs.)

2. FEATURES

Turntable Type	3-speed full manual, Auto stop
Cartridge Type	Moving magnetic cartridge
Motor	Brushless motor (Low torque)
Driving Method	Direct drive
Turntable Platter	305mm (12") dia. Aluminum die-cast
Speed	33 ¹ / ₃ , 45 and 78rpm

3. Audio Specifications

Wow and Flutter	Typical: Less than 0.07% WTD at 3kHz RMS (CD-4005) Limit: Less than 0.12% WTD at 3kHz RMS (CD-4005)
Signal-to-noise ratio (for MM)	Typical: More than 70dB DIN-B (SS-4242) Limit: More than 65dB DIN-B (SS-4242)
Speed Tolerance	Constant Speed 3000Hz +/-0.3% (CD-4005)
Channel Separation	Typical: More than 20 dB at 1kHz (CD-4005) Limit: More than 15 dB at 1kHz (CD-4005)
Channel Balance	Typical: Within 1.5 dB at 1kHz (CD-4005) Limit: Within 2 dB at 1kHz (CD-4005)
PHONO Output Level	Typical: 5.5mV -3dB/+1dB: 3.894mV~6.172mV at 1KHz 5cm/sec (CD-4005) Limit: 5.5mV -4dB/+2dB: 3.471mV~6.925mV at 1KHz 5cm/sec (CD-4005)
Frequency Response (Phono Output) (Signal input: -54dBV)	Typical: 20Hz~20kHz +/-0.5dB Limit: 20Hz~20kHz +/-1dB
Brushless motors torque (Direct drive)	Typical: More than 1.2kg Limit: More than 1.0kg

4. Cartridge: Ortofon 2M (Bule)

Output Voltage	5.5mV at 1 kHz, (5 cm/sec)
Channel Separation	Measurement point 1KHz over 25dB
Channel Balance	1.5dB or less at 1kHz
Frequency Response	20Hz ~ 20kHz +2/-1 dB
Vertical Tracking Force	1.6~2.0g (1.8g, Recommended)

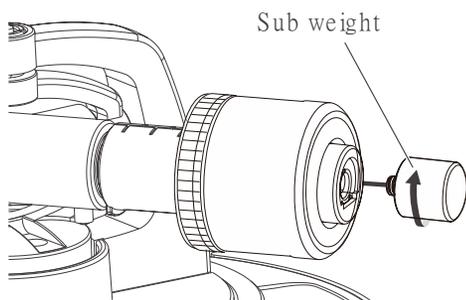
SPECIFICATION

5. TONEARM SECTION

Type	Static balanced S-shaped tonearm with detachable head shell
Effective Arm Length	230mm (9")
Overhang	15mm (0.59")
Offset angle	22°
Tracking Error Angle	Less than 3 degree
Applicable cartridge weight	6~10g
Anti-skating adjustment range	0~4g
Height of cue (first track)	8~10.5mm
Descent time of cue	1~3 sec
Inner null point	58.8mm
Outer null point	113.52mm

6. ACCESSORIES SUPPLIED

Instruction manual x 1	45 rpm adaptor x 1
Counter weight x 1	Rubber mat x1
Platter x1	Head shell assembly x 1
RCA cable x 1	Ground wire x 1
Power Adapter x 1	Cloth dust cover x 1
Additional counterweight, Sub weight x 1	Transfer plug x4 (UL/PSE x1, VDE x1, UK x1, SAA x1)



7. NOTES: Music Hall reserves the right to change, modify or substitute parts.

WARRANTY

This entitles you to have the music hall Stealth repaired free of charge, at our discretion, for one year after the date of purchase, at any authorized Music Hall Service Center, provided the unit was purchased from an authorized dealer. Your original sales receipt is proof of purchase date. Music Hall takes no responsibility for defects arising from accident, misuse, abuse, wear and tear, neglect or unauthorized repair and/or adjustment. Music Hall cannot accept responsibility for damage or loss that occurs during transit.

The warranty does not cover transportation costs.

CLAIMS UNDER WARRANTY

The Stealth should be packed in the original packing and returned to the dealer from whom it was purchased, or, upon authorization, to a Music Hall Service Center. It should be sent by a reputable carrier, carriage prepaid. Do not send the turntable via USPS (United States Postal Service). Since no responsibility will be accepted for a unit in transit to the dealer, customer, or authorized service agent, customers are advised to insure against loss, damage, or theft.

FOR FURTHER INFORMATION CONTACT:

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music hall
stealth

Direct-Drive Turntable