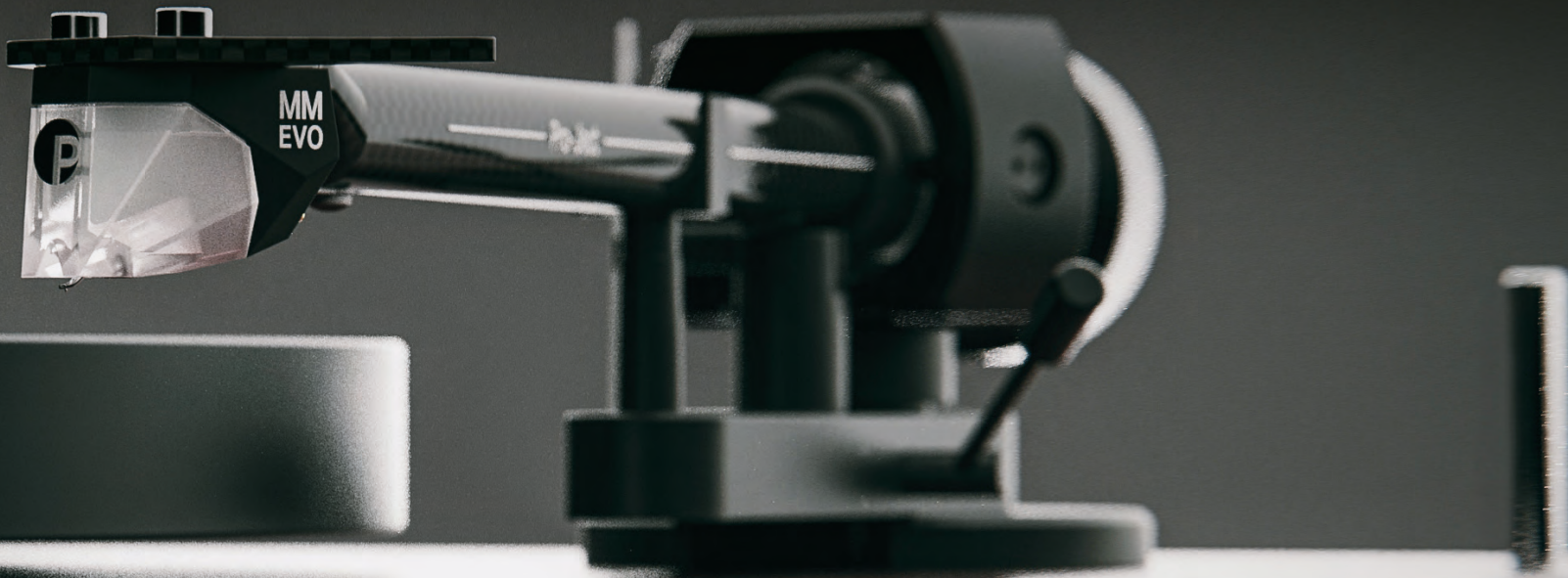


Debut EVO 2 Setup Guide

Getting started:

- Make sure to have enough space to unpack your turntable.
- Always unpack and setup in a clean enviroment.
- Please Do **NOT** throw away the packaging! If you need a service or want to return your product, please send them in the original packaging including all inserts. In case of any damage in another packaging your dealer cannot guarantee a full refund.
- complete manual:
www.project-audio.com/en/product/debut-evo-2

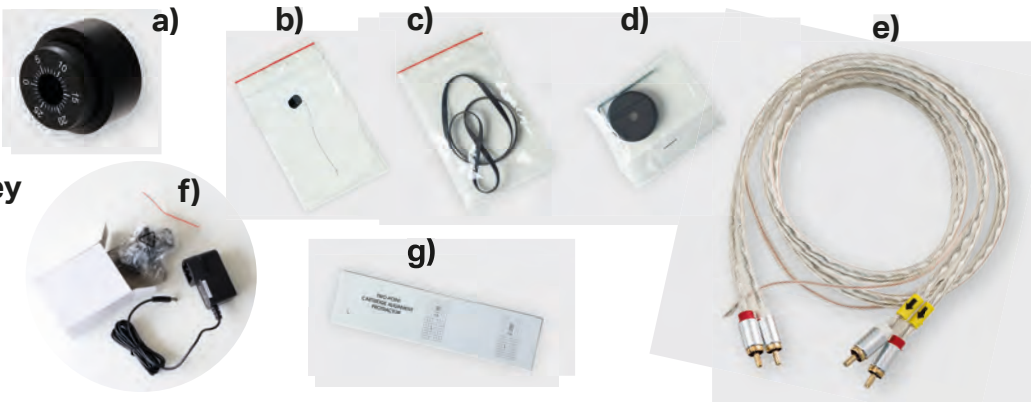


1 Remove dust cover from the box.

2 Take the small boxes from the carton.

3 Unpack all items that are packed in the accessorie boxes.

- a) Counterweight
b) Anti Skating Weight
c) Drive belt
d) Adapter for 7" singles & allen key
e) Connect it E RCA cable
f) Power supply
g) Cartridge alignment tool



4 Lift the wrapped turntable out of the box.

5 Carefully remove the protection covering.

6 Remove the bottom carton inlay.

7 Unpack the platter.

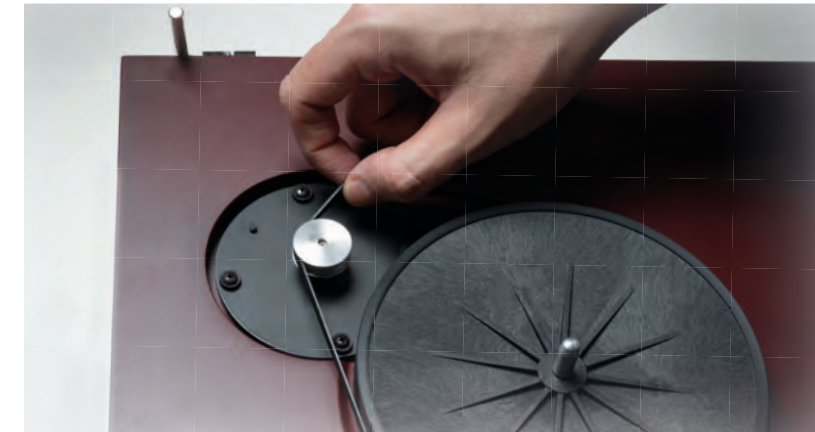


8 Put the drive belt on the pulley and sub-platter.

9 Put the platter on the turntable.

10 Use the rocker switch to select the playback speed.

11 If necessary, level the turntable by adjusting the feet.



12 Remove tonearm twist tie.

13 Put the counterweight in place.

14 Remove the needle protection cover.

15 Put a record on the turntable.



16 Place the tonearm between platter and armrest.

17 Balance the tonearm so it stays level by turning the counterweight forwards and backwards on the rod.

18 Turn the front dial of the counterweight (not the whole weight) so the '0' is in line with marker at the back of the tonearm.

19 Turn the whole counterweight counter-clockwise until the scale reads 18.



20 Put the loop of the Anti Skating Weight in the second groove on the tonearm post.

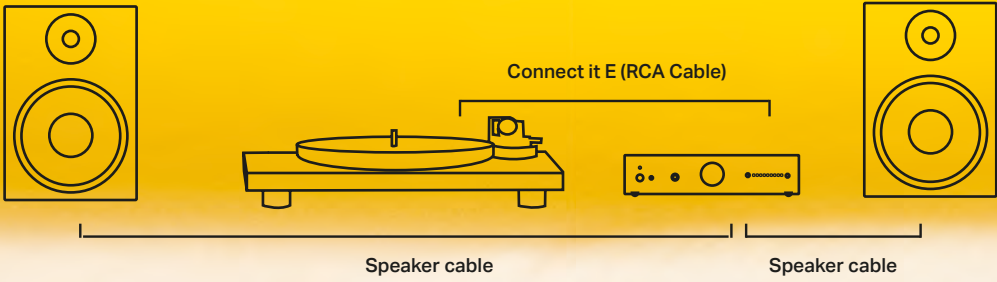
21 Plug in the RCA and the power cable. Unpack Dust Cover and put it on the turntable.

22 Connect to your hifi-system & enjoy your music!



Need help?
Feel free to contact us. We have experienced partners
all over the world. Find your dealer here:
www.project-audio.com/en/find-a-dealer/

Possible Setup:
Pro-Ject Speaker Box 5 S2 (bookshelf speaker)
and Pro-Ject MaiA S3 (stereo integrated amplifier).



Service
Should you encounter a problem which you are not able to alleviate or identify despite the above information, please contact your dealer for further advice. Only when the problem cannot be resolved there should the unit be sent to the responsible distributor in your country. Warranty repairs will only be affected if the unit is returned correctly packaged. For this reason we recommend keeping the original packaging. Never return a record player without making sure that is it safely disassembled and correctly packaged in the original packaging. Please remove these parts and pack them separately: lid, counterweight, anti-skating weight and belt. Fit the cartridge protection cap and the transport lock for the tonearm tube, prior to carefully packaging the record player.

Warranty
The manufacturer accepts no responsibility for damage caused by not adhering to these instructions for use and/or by transportation without the original packaging. Modification or change to any part of the product by unauthorized persons, release the manufacturer from any liability over and above the lawful rights of the customer.

Warranty: Terms and Conditions

- A warranty is valid only for products purchased from an authorized Pro-Ject Audio Systems retailer or dealer.
- This warranty offer is limited to the repair of the equipment (which could be a repair or replacement at our discretion, neither of which affects your original warranty).
- Neither transportation or any other costs, nor any risk for removal, transportation and installation of products is covered by this warranty.
- A warranty is only valid for the original owner. It is not transferable.
- To validate your warranty, you will need to provide the original sales invoice or other proof of ownership and date of purchase.
- Warranty must be claimed within two years of purchase from an authorized dealer. After this period of time, the warranty will expire.
- The legal warranty obligation exists in addition to this warranty and is not limited by this warranty.

A Pro-Ject Audio Systems warranty relates to claims of defects in materials and/or workmanship at the time of purchase. It does not cover:

- Deterioration of component parts, the nature of which is to become worn or depleted with use, such as batteries and headphone ear pads, drive belts and cartridges.

- Damages caused by incorrect installation, connection or packing.
- Damages caused by any use other than the correct use described in the user manual, negligence, modifications, or use of parts that are not made or authorized by Pro-Ject Audio Systems.
- Damages caused by faulty or unsuitable ancillary equipment.
- Damages caused by accidents, lightning, water, fire heat, war, public disturbances or any other cause beyond the reasonable control of Pro-Ject Audio Systems and its appointed distributors.
- Products where the serial number has been altered, deleted, removed or made illegible.
- Repairs or modifications that have been executed by an unauthorized person.

Commercial Use
Faults caused due to using domestic products in commercial environments or on commercial scales are not covered by warranty. This turntable is intended for domestic use only. Using them for business applications are done so at your own risk.

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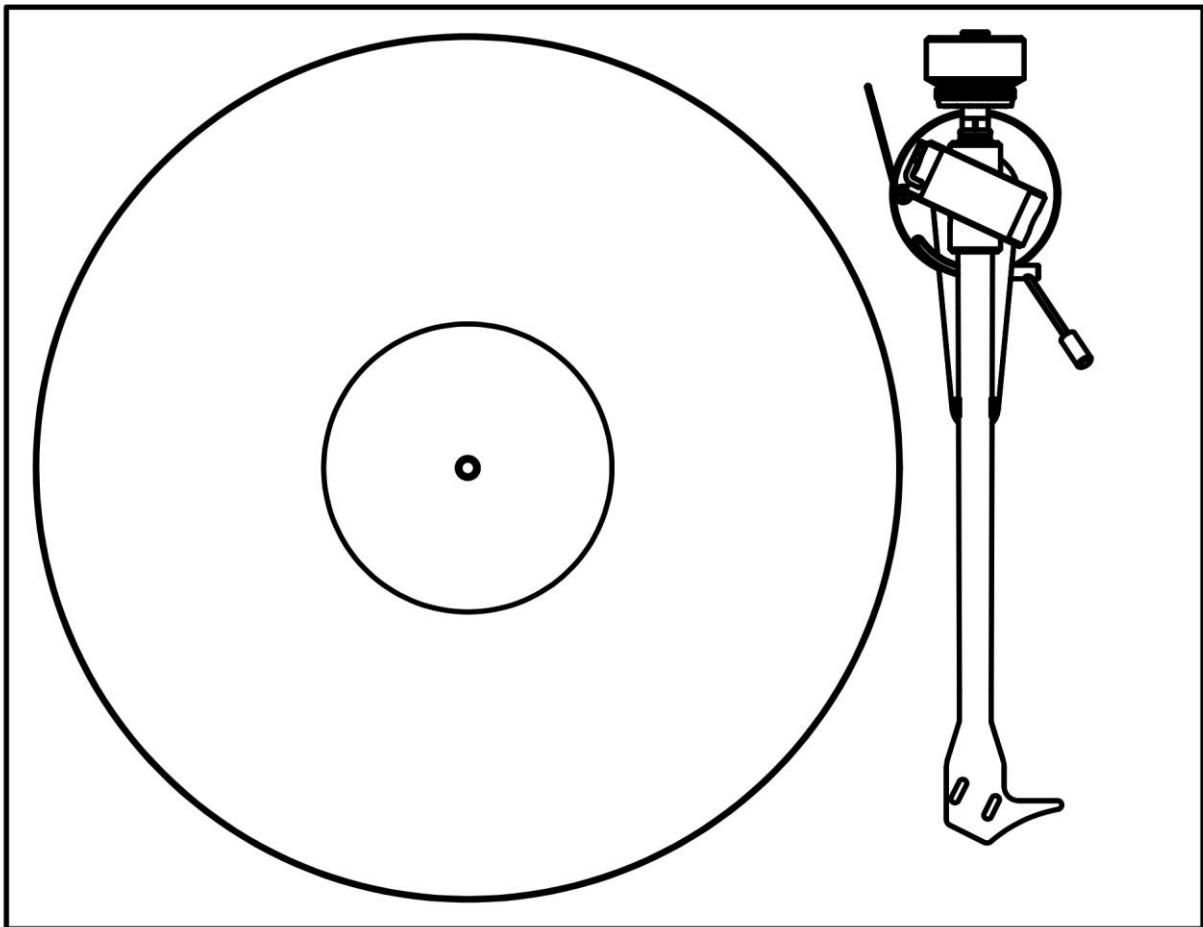
This guide was produced by: Pro-Ject Audio Systems
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The information was correct at the time of going to press. The manufacturer reserves the right to make changes to the technical specification without prior notice as deemed necessary to uphold the ongoing process of technical development.

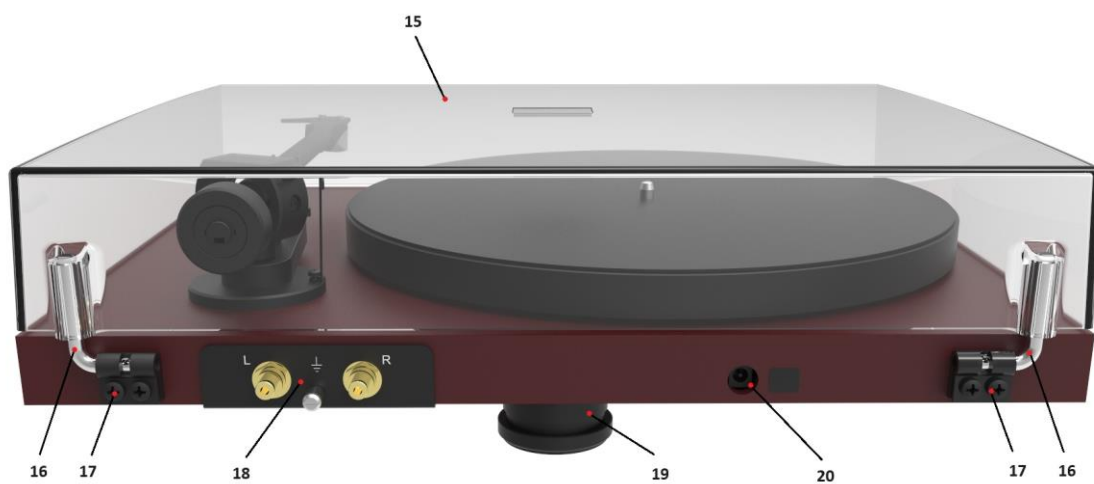
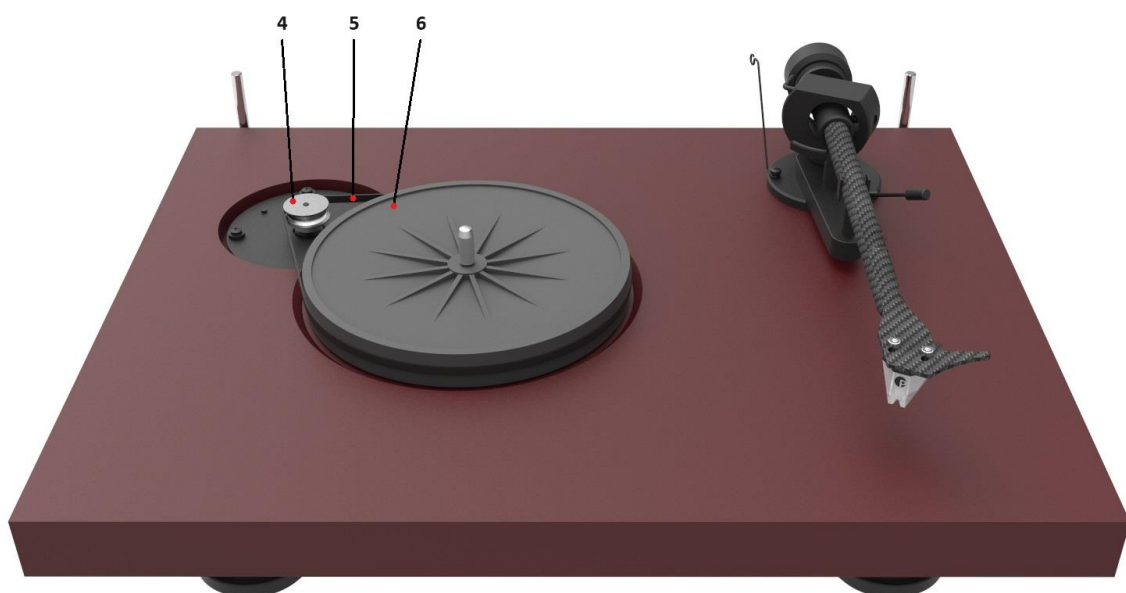
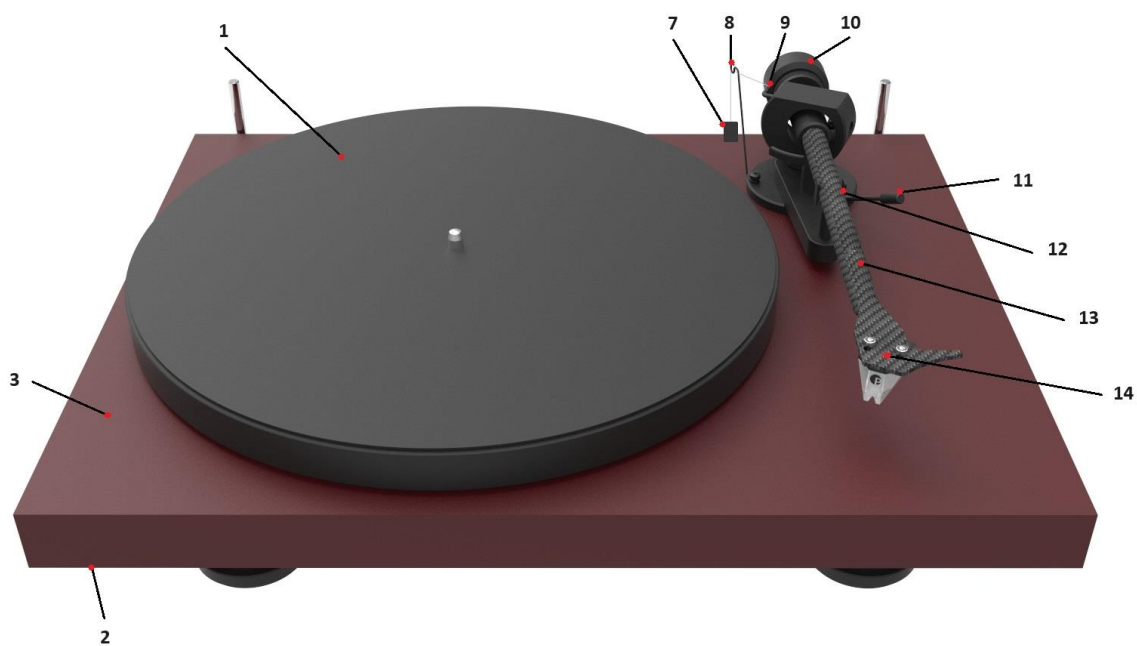
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Deutsch	Italiano	Español	Português	Français	Svenska	Русский	日本語	普通話	عربي
Vor dem Auspacken: Stellen Sie sicher, dass genügend Platz zum Auspacken Ihres Plattenspielers vorhanden ist.	Iniziamo: Assicurate di avere abbastanza spazio per disimballare il tuo giradischi	Para empezar: Asegúrese de que dispone de suficiente espacio para desembalar su giradiscos.	Início: Assegure que tem espaço suficiente para desembalar o seu gira-discos.	Pour commencer : Assurez-vous d'avoir suffisamment d'espace pour déballer votre platine.	Kom igång: Se till att ha tillräckligt med utrymme för att packa upp din skivspelare	Прежде чем начать: Убедитесь в наличии свободного места для распаковки проигрывателя	セットアップを始める前のご注意 開梱の際は周りに十分なスペースを確保してください。	开始之前： 请准备足够的空间以备开箱后唱机和配件的摆放 请始终保证安装及使用本产品的环境清洁 请务必保留产品包装及包装内的填充物，以备将来可能的售后服务运输使用，非原厂包装可能在运输中损坏您的产品并造成不必要的损失	هذه التعليمات يجب أن توجد مع جهازك لتفادي تلفه اقرأ وصف لآلة قم بفتح الحقيبة والاحتفاظ بها بهذه الطريقة
Immer in einer sauberen Umgebung auspacken und aufstellen.	Disimballare e installare sempre in un ambiente pulito.	Desembale siempre el producto y configúrelo en un entorno limpio.	Garanta sempre que o faz num espaço limpo e amplo.	Toujours déballer et installer dans un environnement propre.	Packa alltid upp och installera i en ren miljö.	Настройку проигрывателя нужно проводить на свободном пространстве	開梱やセットアップを行う時は綺麗に掃除された場所で行ってください。		رجاء عدم فتح الحقيبة من الغطاء إذا لم تكن بحاجة إلى خدمة ما بعد البيع. يرجى الاتصال بـ إريك في الغطاء العلوي بهدفي ذلك مع جميع التوجيهات الخاصة بآلة. وتوجد أيضًا تعليمات في الجزء الخلفي من الحقيبة. يرجى الاحتفاظ بها مع المنتج.
Bitte werfen Sie die Verpackung NICHT weg! Wenn Sie Ihre Garantie in Anspruch nehmen oder Ihr Produkt zurücksenden möchten, senden Sie diese bitte in der Originalverpackung mit allen Beilagen. Im Falle einer Beschädigung in einer anderen Verpackung kann Ihr Händler keine vollständige Rückerstattung garantieren. Vollständige Bedienungsanleitung: https://www.project-audio.com/en/product/debut-evo-2	NON buttare via l'imballo! Se avete bisogno di una riparazione, dovrete inviare il prodotto nell'imballaggio originale, utilizzando tutti gli inserti. Se il giradischi si danneggia durante il trasporto a causa di un imballaggio sbagliato con la scatola originale, o se usate un altro imballo, il vostro rivenditore non può garantire la riparazione in garanzia. manuale completo: https://www.project-audio.com/en/product/debut-evo-2	¡Por favor NO tire el embalaje! Si su producto necesita una operación de mantenimiento o usted quiere devolverlo, le rogamos que lo envíe en el embalaje original con todos los componentes del mismo. En el caso de que se produzcan daños como consecuencia del uso de un embalaje distinto, su distribuidor no podrá garantizarle una reembolso completo. manual de instrucciones completo: https://www.project-audio.com/en/product/debut-evo-2	Por favor não deite as caixas fora. Se precisar de uma assistência técnica ou pretender devolver o equipamento deverá fazê-lo sempre na caixa original devidamente acondicionado. No caso de qualquer dano ocorrido com outra embalagem a loja/agente não poderá assegurar a reparação em garantia do dano ou a devolução total do valor do equipamento. Manual completo: https://www.project-audio.com/en/product/debut-evo-2	Veillez ne PAS jeter l'emballage ! Si vous avez besoin d'un service ou si vous voulez renvoyer votre produit, veuillez l'envoyer dans l'emballage original, avec tous les éléments. En cas de détérioration dans un autre emballage, votre revendeur ne peut garantir un remboursement complet. Notice complète : https://www.project-audio.com/en/product/debut-evo-2	Vänligen kasta INTE förpackningen! Om du behöver service eller vill returnera din produkt, skicka den i originalförpackningen inklusive alla insatser. Vid skada då annan förpackning använts kan din återförsäljare inte garantera full återbetalning. Fullständig bruksanvisning: https://www.project-audio.com/en/product/debut-evo-2	полное руководство: https://www.project-audio.com/en/product/debut-evo-2	取扱説明書はこちら： https://www.proj-ect-audio.com/en/product/debut-evo-2	完整版本说明书请参见： https://www.project-audio.com/en/product/debut-evo-2	الرجاء عدم التخلص من الغطاء إذا لم تكن بحاجة إلى خدمة ما بعد البيع. يرجى الاتصال بـ إريك في الغطاء العلوي بهدفي ذلك مع جميع التوجيهات الخاصة بآلة. وتوجد أيضًا تعليمات في الجزء الخلفي من الحقيبة. يرجى الاحتفاظ بها مع المنتج.
1 Entfernen Sie die Staubschutzhülle aus der Verpackung. 2 Nehmen Sie die kleinen Schachteln aus dem Karton. 3 Packen Sie alle Artikel aus der Zubehörtasche aus. a) Gegengewicht b) Anti Skating Gewicht c) Standard Flachriemen für 33/45 U/Min d) Adapter für 7" Singles / Inbusschlüssel e) Connect it E Cinch Kabel f) Netzteil g) Tonabnehmer Justagelehre 4 Nehmen Sie den verpackten Plattenspieler aus der Verpackung. 5 Entfernen Sie vorsichtig die Schutzhülle. Geben Sie Acht: Den Tonarm mit Sorgfalt zu behandeln! 6 Entfernen Sie die untere Kartoneinlage. 7 Packen Sie den Plattenteller aus. 8 Legen Sie den Antriebsriemen auf den Pulley und den Sub-Teller. 9 Legen Sie den Plattenteller auf den Plattenspieler. 10 Verwenden Sie den Kippschalter, um die Geschwindigkeit auszuwählen. LINKS: 33 U/MIN RECHTS: 45 11 Der Plattenspieler sollte immer auf einer ebenen Fläche aufgestellt werden. Überprüfen Sie dies mit einer Wasserwaage. Richten Sie den Plattenteller bei Bedarf durch Einstellen der Füße aus.	1 Rimuovere il coperchio antipolvere dalla scatola. 2 Prendi le piccole scatole dal cartone. 3 Tirate fuori dalla busta tutti gli accessori a) Contrappeso b) Peso per Anti Skating c) Cinghia standard per 33/45 giri d) Adattatore per singoli da 7" (45 giri) / Chiave Allen e) Cavo RCA Connect it f) Adattatore di alimentazione g) Dima per allineamento della testina 4 Solleva dalla scatola il giradischi avvolto dalla busta protettiva. 5 Rimuovi con cura la busta di protezione. Il braccio è fragile! 6 Rimuovere l'inserto inferiore del cartone. 7 Disimballa il piatto girevole. 8 Inserisci la cinghia sulla puleggia e sul sotto-piatto. 9 Sistema il piatto sul giradischi 10 Usa l'interruttore a bilanciere per selezionare la velocità di riproduzione. SINISTRA: 33 GIRI, DESTRA: 45 GIRI 11 Il giradischi deve essere sempre posizionato su una superficie piana. Controllare con una livella. Se necessario livella il giradischi agendo sui piedini di appoggio	1 Retire la cubierta antipolvo de la caja. 2 Saque las cajas pequeñas del cartón. 3 Desembale todos los componentes de la bolsa de accesorios a) Contrapeso b) Peso del Anti-Skating c) Correa plana estándar para discos de 33/45 RPM d) Adaptador para singles de 7" / Llave Allen e) Cable Connect it E con conector RCA f) Adaptador de corriente g) Protector de alineamiento de la cápsula fonocaptora 4 Retire el giradiscos empaquetado de la caja. 5 Retire cuidadosamente la protección que lo recubre. ¡El brazo de lectura es muy frágil! 6 Retire la incrustación de cartón inferior. 7 Desembale el plato. 8 Coloque la correa entre la polea y el plato inferior (sub-platter). 9 Coloque el plato en el giradiscos. 10 Use el interruptor en balancín para seleccionar la velocidad de giro. IZQUIERDA: 33 RPM; DERECHA: 45 RPM 11 El giradiscos debería ser colocado siempre sobre una superficie plana. Verifíquelo con un nivelador de burbuja. En caso de que sea necesario, nivele el giradiscos ajustando los pies.	1 Remova a tampa contra poeira da caixa. 2 Retire as pequenas caixas da caixa. 3 Retire todos os itens do saco dos acessórios. a) Contrapeso b) Peso Anti-skating c) Correia Standard para 33/45 r.p.m. d) Adaptador para singles 7" / Chave Allen e) Connect It E - Cabo Phono RCA f) Adaptador de energia g) Protector de Alinhamento da Célula fonocaptora 4 Retire o gira-discos de dentro da caixa. 5 Com cuidado retire a tampa de proteção. O braço é frágil. 6 Remova o revestimento inferior da caixa. 7 Desembrulhe o prato 8 Coloque a correia na pulia e à volta do plato inferior (sub-platter). 9 Coloque o prato no gira-discos 10 Selecione no Interruptor a velocidade de rotação do gira-discos: ESQUERDA: 33 rpm; DIREITA: 45 rpm 11 O gira-discos deve ser sempre colocado sobre uma superfície nivelada. Se possível verifique com um nível de bolha. Se necessário coloque o gira-discos a nível ajustando os pés	1 Retirez le cache-poussière de la boîte. 2 Sortez les petites boîtes du carton. 3 Déballez tous les éléments du sachet d'accessoires. a) Contrepoids b) Poids anti-skating c) Courroie standard pour 33/45 tr/m d) Centreur 45 tours / Clé allen e) Câble RCA Connect-it E f) Adaptateur secteur g) Protecteur d'alignement de la cellule 4 Sortez la platine emballée de la boîte. 5 Retirez avec précaution le revêtement de protection. Le bras de lecture est fragile ! 6 Retirez l'insert inférieur du carton. 7 Déballez le plateau. 8 Placez la courroie d'entraînement sur la poulie et le sous-plateau. 9 Posez le plateau sur la platine. 10 Utilisez le commutateur à bascule pour sélectionner la vitesse de lecture. GAUCHE : 33 TOURS/MINUTE, DROITE : 45 TOURS/MINUTE 11 La platine doit toujours être placée sur une surface plane. Vérifiez avec un niveau à bulle. Si nécessaire, mettez la platine à niveau en réglant les pieds.	1 Ta bort dammskyddet från lådan. 2 Ta de små kartongerna från kartongen. 3 Packa upp alla saker ur tillbehörsväskan. a) Motvikt b) Antiskatingvikt c) Standard platt drivrem för 33/45 varv / min d) Adapter för 7"-singlar / Insexnyckel e) Connect it E RCA-kabel f) Strömadapter g) Inriktningsskydd för pickup 4 Lyft ut den inslagna skivspelaren ur lådan. 5 Ta försiktigt bort den skyddande förpackningen. Tonarmen är ömtålig! 6 Ta bort den nedre kartonginlägget. 7 Packa upp skivtallriken. 8 Montera drivremmen på trissan och under-tallriken. 9 Montera skivtallriken på skivspelaren. 10 Använd vippströmbrytaren för att välja uppspelningshastighet. VÄNSTER: 33 VARV/MIN, HÖGER: 45 VARV/MIN 11 Skivspelaren skall alltid placeras på en plan yta. Kontrollera med ett vattenpass. Vid behov, justera fötterna för att få skivspelaren i jämnhöjd.	1 Снимите пылезащитную крышку с коробки. 2 Возьмите маленькие коробочки из коробки. 3 Извлеките все аксессуары из упаковки a) противовес b) Груз антискейтинга c) Плоский пассив для скорости 33 / 45 об. / мин d) Адаптер для 7-дюймовых пластинок / Ключ e) Кабель Connect It E f) Адаптер питания g) Транспортир для настройки 4 Извлеките проигрыватель из коробки 5 Осторожно распакуйте проигрыватель. Тонарм хрупкий! 6 Снимите нижнюю картонную вставку. 7 Распакуйте опорный диск 8 Наденьте пассив на шкив двигателя и суб-диск 9 Установите опорный диск на проигрыватель 10 С помощью переключателя установите требуемую скорость: левое положение переключателя 33 об./мин, правое 45 об./мин 11 Проигрыватель должен быть установлен строго горизонтально (проверьте это с помощью спиртового уровня) При необходимости отрегулируйте положение проигрывателя с помощью регулируемых опор 12 Снимите транспортировочный фиксатор с тонарма 13 Установите противовес на место 14 Снимите защитный колпачок иглы картриджа 15 Установите пластинку на опорный диск 16 Установите тонарм между опорным диском держателем тонарма и опустите его при помощи подъемника 17 Сбалансируйте тонарм в горизонтальном положении, поворачивая противовес по или против часовой стрелки 18 Установите переднее кольцо (не весь груз) противовеса в положение 0 согласно маркеру на задней части тонарма 19 Поверните весь противовес против часовой стрелки так, чтобы риска шкалы была напротив значения 18. 20 Поместите петлю лески груза антискейтинга во вторую канавку на опоре тонарма 21 Подключите источник питания и кабель Connect It E (желтой маркировкой к усилителю/фонокорректору Распакуйте пылезащитную крышку и установите ее на проигрыватель	1 ボックスからダストカバーを取り外します。 2 カートンから小さな箱を取り出します。 3 付属品の入った袋からすべての付属品を取り出します。 a) カウンタウェイト b) アンチスケーティングウェイト c) 33/45回転用ベルト d) シングル盤用アダプタ / 6角レンチ e) 結線用RCAピンケーブル f) 電源アダプタ g) カートリッジアライメントプロテクタ 4 不織布袋に入っているプレーヤー本体を箱から取り出します。 5 トーンアームに引っかからないよう注意してプレーヤー本体を不織布袋から取り出してください。 6 底部のカートンインレイを取り外します。 7 ブラッターを取り出します。 8 ドライブベルトをプーリーとサブブラッターに掛けます。 9 ブラッターを取り出します。をサブブラッターの上に取付けます。 10 このスイッチで回転数を切り替えます。左が33回転、右が45回転となります。 11 レコードプレーヤーは水平な場所へ設置します。設置場所が水平であるか水準器などで確認することをお勧めします。 もしプレーヤーが水平でない場合、脚の高低を調整しながら水平を取ってください。 12 トーンアーム保護用に取り付けてある結束タイを外してください。 13 トーンアームの後部からカウンターウェイトを取り付けてください。 14 針先保護カバーを外してください。 15 ブラッターの上にレコードを置いてください。 16 トーンアームをアームレストから外しブラッターとの間に移動します。 17 カウンターウェイトを前後に動かしてトーンアームが水平に浮く状態にします。 18 アームが水平にバランスがとる所でウェイト前部の目盛ダイヤルのみを動かして0が真上になるように合わせてください。 19 カウンターウェイトを目盛りダイヤルごと一緒に回し18の位置に合わせてください。 20 アンチスケーティングウェイトについているテグス糸の輪の部分をつとアームの付け根にありますボストの2番目の溝に掛けてください。 21 ACアダプタのプラグを後面の端子に差し込みます。フォノケーブルを取り付けます（黄色い印の方がアンプ川となります）。 ダストカバーを保護用の不織布袋から取り出しプレーヤー本体に取り付けます。 フォノケーブルをアンプのPHONO端子に接続して、音楽を楽しんでください。	1 从盒子上取下防尘盖。 2 从纸箱中取出小盒子。 3 将所有配件从配件包中取出备用 a) 配重 b) 抗侧滑机构配重坠 c) 33/45 转用扁平截面驱动皮带 d) 7英寸单曲唱片适配器 / 六角工具 e) Connect it E RCA 信号线 f) 电源适配器 g) 唱头调整规尺 4 取出纤维布包裹的唱机本体 5 小心地移除纤维布保护套。注意：唱臂为精密部件请勿施力 6 取下底部纸盒镶嵌物。 7 取出主转盘 8 将驱动皮带安装到下层转盘和驱动轮上 9 将主转盘安装到唱机本体 10 使用三位开关选择播放转速。左：33转，右：45转 11 唱机应当在水平平面上使用，请使用水平仪确认 如有必要，旋转唱机支脚进行升降，将唱机调到水平 12 移除唱臂固定带 13 将唱臂配重安装到位 14 取下唱针保护罩 15 将唱片放在主转盘上 16 将唱臂放在唱臂托架和主转盘之间使用唱臂升降杆放下唱臂 17 旋转唱臂配重，通过配重前后移动使唱臂悬停于水平位置并悬停 18 保持唱臂配重不移动，仅旋转唱臂配重上的标尺，将“0”对准唱臂上的白色标记 19 旋转配重金属部分，整个配重将一起旋转直到唱臂标记对准标尺刻度18（大约20°） 20 将抗侧滑机构配重坠吊线上的结环套在唱臂尾端挂点上三条沟槽的中间槽，并将吊线挂在钢丝绳挂点上 21 连接电源适配器和 Connect it E (e) 信号线 黄色标记端连放大器 取出防尘罩并安装到唱机本体 22 连接您的Hi-Fi系统，享受音乐的乐趣！	1 قم بإزالة غطاء الحمار من الصندوق. 2 خذ الصناديق الصغيرة من الصندوق. 3 خذ جميع الملحقات من حقيبة الملحقات. a) قبال موازن b) وزن جهاز التزلزل c) حزام سطح حزامي للسرعة 33/45 دور في الدقيقة d) محرك الدوار لـ RCA (45) / مفتاح أليان e) كابل E RCA f) محرك الحبل g) بقي ملاحظة الخيط 4 اخرج القرص الدوار من الحقيبة. 5 ازل غطاء الحبل بحذرك. عيون القرص حساسة جداً. 6 خذ بازل قطعة من الصندوق الخشبي. 7 خذ الحبل المطوق. 8 ضع حزام القيادة على القرص وقطع القرص. 9 ضع الحبل المطوق على القرص الدوار. 10 استخدم مفتاح التبديل لاختيار سرعة الدوران. 33 دورة في الدقيقة، 45 دورة في الدقيقة. 11 يجب طاعة وضع القرص الدوار على سطح مستو. تحقق من ميزان水平. إذا لزم الأمر، قم بتعديل أرجل الجهاز لارتفاعه. طوق ضبط القدم. 12 ازل الحبل المطوق الذي يعلو محرك القرص. 13 ضع حبل الموازن في المكان. 14 ازل غطاء حبل البرة. 15 ضع الحبل المطوق في القرص. 16 ضع محرك القرص للسرعة القرص وميزة الدوار. اضغط على محرك القرص مع الحبل. 17 يجب موازنة عيون القرص للسرعة. يجب أن يكون على مستوى. تحقق من ميزان水平. 18 ادر القرص الدوار للارتفاع المناسب. ادر القرص الدوار للارتفاع المناسب. ادر القرص الدوار للارتفاع المناسب. 19 ادر القرص الدوار للارتفاع المناسب. ادر القرص الدوار للارتفاع المناسب. ادر القرص الدوار للارتفاع المناسب. 20 ضع حبل الوزن لجهاز التزلزل. ادر القرص الدوار للارتفاع المناسب. ادر القرص الدوار للارتفاع المناسب. 21 يجب توصيل محرك الحبل وتوصيله بـ E (e) بـ جهاز الصوت. 22 ضع غطاء الحبل من الحمار وضعه على القرص الدوار.
22 Verbinden Sie den Plattenspieler mit Ihrer HiFi-Anlage und genießen Sie Ihre Musik!	22 Collega il giradischi al tuo sistema hifi e goditi la tua musica!	22 ¡Conecte su equipo de Hi-Fi y disfrute con su música favorita!	22 Ligue o gira-discos ao sistema Hi-Fi e desfrute da sua música!	22 Connectez-vous à votre système hifi et profitez de votre musique !	22 Anslut till ditt hifi-system och njut av din musik!	22 Подключите проигрыватель к вашей аудиосистеме и наслаждайтесь музыкой!	22	22	22

EVO2 SGT037



DEBUT EVO 2



GENERAL INFORMATION

Controls, features, and connections

- 1 PLATTER & FELT MAT
- 2 SPEED CONTROL BUTTON
- 3 CHASSIS
- 4 MOTOR WITH PULLEY
- 5 DRIVE BELT
- 6 SUB-PLATTER
- 7 ANTI-SKATING WEIGHT ON WIRE
- 8 ANTI-SKATING SUPPORT HOOP
- 9 ANTI-SKATING WEIGHT ADJUSTMENT SCALE
- 10 TONEARM COUNTERWEIGHT
- 11 TONEARM LIFT LEVER
- 12 TONEARM REST POSITION
- 13 TONEARM TUBE
- 14 HEADSHELL WITH PRO-JECT MM EVO CARTRIDGE
- 15 LID
- 16 LID HINGES
- 17 HINGE FASTENERS
- 18 PHONO OUTPUT SOCKET WITH EARTH CONNECTION
- 19 HEIGHT ADJUSTABLE DAMPED FEET
- 20 POWER SUPPLY SOCKET

Accessories

- a SINGLE ADAPTOR
- b ALLEN KEY 1.5mm (AZIMUTH SETTING)
- c COUNTERWEIGHT no. 00 (FOR CARTRIDGE WEIGHT 6 – 8.5g)
- d TWO-POINT CARTRIDGE ALIGNMENT PROTRACTOR
- e CONNECTION CABLE (CONNECT IT PHONO E)
- f INSTRUCTIONS FOR USE
- g UNIVERSAL POWER SUPPLY
- h POWER SUPPLY

Dear Music Lover,

Congratulations and thank you for choosing a Pro-Ject Audio Systems record player.

Your Debut EVO 2 turntable has been handcrafted and rigorously tested by skilled technicians to give you years of enjoyable and trouble-free service.

Please contact your dealer if you require additional assistance.

Important:

Your turntable was shipped partially disassembled in order to avoid damage to sensitive parts. Please check immediately to make sure that neither the packaging nor the device was damaged in transit. If you are missing parts or if the unit is damaged, please do not operate and contact your dealer.

Contents

Product illustrations	2
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Setup

1. Platter and drive belt installation	5
2. Cartridge installation, stylus exchange	5 - 6
3. Vertical Tracking Force setting (VTF)	6
4. Anti-skating adjustment	6 - 7
5. Maintenance and cleaning	7
6. Switching ON and OFF, changing replay speed	7
7. Fitting the lid	7
8. Connection to the amplifier	8
9. Azimuth adjustment	8

Technical parameters	9
Troubleshooting, warranty, service	10
Declaration of Conformity	11
Exploded view of the packaging	12

Please do your part to help protect the environment:

Disposal of packaging material:

Pro-Ject packaging is carefully designed to protect your components from damage in transit and you are strongly urged to keep the original packaging in order to safely ship or otherwise transport your turntable in the future.

However, the packaging materials were chosen to be environmentally friendly, so if you must discard the packaging, please recycle.

SETUP

1. Platter and drive belt installation

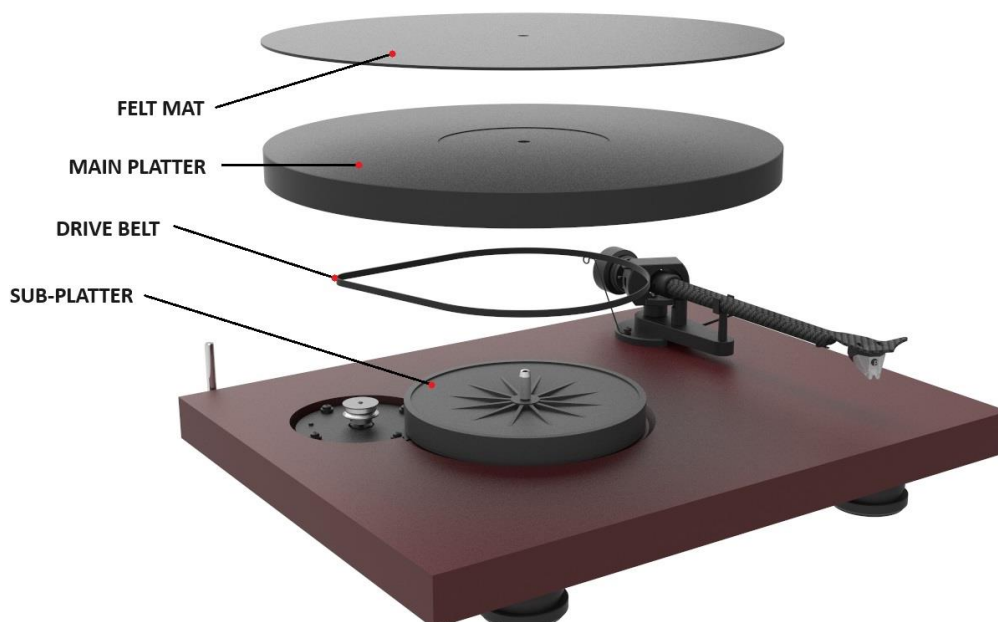
The deck is supplied partially disassembled and carefully packaged for safe transport. Carefully remove all parts from the transport packaging. The packaging illustration on the last page of this manual shows you how the turntable is packaged and where all the individual parts are located within the packaging.

Make sure the surface you wish to use the turntable on is level (use a spirit level) before placing the turntable on it.

Remove the transport lock from the tonearm. Store it in the original packaging so it is available for any future transportation.

Fit the drive belt (5) around the sub-platter (6) the motor pulley (4). Avoid getting sweat or grease on the belt as these will deteriorate the performance and reduce the belt's lifespan. Use absorbent kitchen paper to remove any oil or grease from the outer edge of the hub and the belt. Fit the platter (1) and felt mat (1) over the spindle of the sub-platter (6).

Connect the power supply to the power supply socket (20) on the turntable before connecting it to your mains outlet.



2. Cartridge installation, stylus exchange

* If you purchased this turntable in a package that included the cartridge, this has already been done for you.

Install the cartridge on the headshell, using the appropriate hardware included with your cartridge. All cartridges with half inch mounting holes can be fitted.

Connect the cartridge as indicated below:

- White left channel L+
- Red right channel R+
- Green right channel R-
- Blue left channel L-

For correct cartridge alignment, use the two-point cartridge alignment protractor provided with your Debut EVO 2 accessories. If unfamiliar with two-point setup, please refer to your dealer.

A damaged or worn stylus may harm your record collection and should be replaced.
 Please remove stylus protection before pulling the stylus from the cartridge and replace for a new one.
 Stylus type exchange for pre-mounted cartridge Pro-Ject MM EVO: Stylus MM EVO. If in doubt, consult your local dealer or distributor.

3. Vertical Tracking Force setting (VTF)

The counterweight (10) supplied is suitable for cartridges weighing between 6 – 8.5g (counterweight no. **00 – Debut line, weight 55g**).

Pushing carefully, put the counterweight (10) on the rear end of the tonearm tube (13), with the downforce scale pointing towards the front of the turntable. Lower the arm lift and position the tonearm in the space between arm rest and platter. Carefully rotate the counterweight (10) until the arm tube balances out. The arm should return to the balanced position if it is moved up or down. This adjustment must be done carefully. Do not forget to remove the cartridge protection cap if fitted.

Once the arm is correctly balanced, return it to the rest. Hold the counterweight (10) without moving it, and gently revolve the downforce scale ring until the zero is in line with the anti-skating stub. Check whether the arm still balances out.

Rotate the counterweight counterclockwise (seen from the front) to adjust the downforce according to the cartridge manufacturer's recommendations. One mark on the scale represents 1 mN (= 0,1g / 0,1 Pond) of the downforce.



Please note: When adjusting VTF, anti-skating weight and the cartridge protection cap should be removed first.

Recommended tracking force for Pro-Ject MM EVO cartridge: 1.8g (= 18 mN)

4. Anti-skating adjustment

The anti-skating force must be adjusted corresponding to the downforce.

<u>Downforce</u>	<u>Groove in the stub</u>
10 - 14mN	1 st
15 - 19mN	2 nd
20mN and bigger	3 rd



Hang the loop of the thread of the anti-skating weight in the groove of the anti-skating stub (9) corresponding to the downforce applied to your cartridge and hang the thread in the groove of the wire support (8).



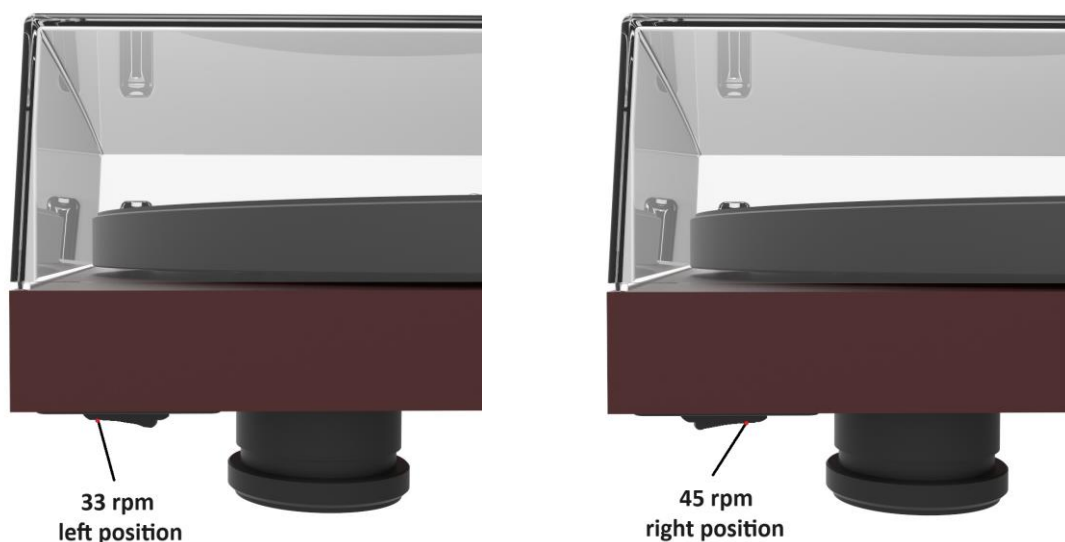
Recommended anti-skating for MM EVO cartridge: 18mN, 2nd groove

5. Maintenance and cleaning

Your record player requires little or no regular maintenance. Remove dust with a slightly moistened antistatic cloth. Never use a dry cloth because this will create static electricity which attract more dust! Antistatic cleaning fluids are available at specialist stores but must be applied sparingly to avoid damage to rubber parts. It is recommended to fit the needle cover before cleaning or maintenance is carried out to avoid damage. If the player is not used over a long period of time the drive belt can be removed to prevent unequal stretching.

6. Switching on and off, changing replay speed

The turntable is equipped with a three-position switch for ON/OFF and electronic speed change. To play records at 33 rpm, press the switch (2) to the "I" position. To play records at 45 rpm, press this switch (2) to the "II" as shown on illustration below.



7. Fitting the lid

Fit the lid (dust cover 15) carefully over the hinge prongs and adjust the screws (17) until the lid stays open where you want it to without being too stiff to open or close.

8. Connection to the amplifier

Connect the tonearm cables to the Phono input (sometimes labelled gram, disc or RIAA) on your amplifier. Make sure that the phono input offers correct matching and amplification for the type of cartridge used. Line inputs (such as CD, Tuner, Tape or Video) are not suitable.

Take care to connect the left and right channels correctly. The right channel is usually marked red, the left channel black or white. Check the manual supplied with your amplifier for relevant information. An earthing wire may be connected to the screw terminal on your amplifier you encounter hum problems when using the record player.

If your amplifier does not have an input suitable for phono cartridges you will require a separate phono amplifier stage for MM or MC cartridges which is then connected between the record player and a free line level input of the amplifier.

For detailed product information regarding Pro-Ject Audio interconnect cables and phono amplifiers please refer to the Pro-Ject website www.project-audio.com.



The included MM EVO cartridge requires a MM phono preamplifier, with recommended settings: impedance: 47kOhm; capacitance: 150pF; gain: 40dB

If your amplifier's MM phono input or MM phono preamplifier don't have switchable settings, those amp's default settings will also work reasonably well. Consider investing into a nice, dedicated phono preamp to gain more control and sound performance from your turntable.

9. Azimuth adjustment

The cartridge needle must be vertical in the record groove in order to trace the groove wall modulations correctly.

A small screw at the bearing end of the arm allows incorrect azimuth to be corrected if your needle is not mounted exactly perpendicular to the cartridge body (which is often the case).

Slacken off the screw just enough to be able to revolve the arm tube without applying force.

Note! Do not remove the screw completely!



Technical specifications Pro-Ject Debut EVO 2 / Pro-Ject 8.6" cc EVO 2

Nominal speeds	33/45 r.p.m., electronic speed control
Speed variance	33: $\pm 0.40\%$ 45: $\pm 0.50\%$
Wow and flutter	33: $\pm 0.16\%$ 45: $\pm 0.14\%$
Signal to noise	-68dB
Effective tonearm mass	7g
Effective tonearm length	8.6" (218.5mm)
Power consumption	4W
Power input	15V/ 0.8 A DC, universal power supply
Dimensions (W x H x D)	415 x 113 x 320mm
Weight	6kg
Dimensions packaging (W x H x D)	415 x 365 x 405mm
Weight incl. packaging	8kg

Technical specifications MM-Cartridge Pro-Ject MM EVO

Frequency range	20-20.000Hz
Channel separation	22dB/1 kHz
Output voltage	7mV
Recommended load impedance	47kohms/amplifier connection – MM-input
Compliance/stylus type	12 $\times$ 10-6cm/dyn @ 100Hz– elliptical
Recommended tracking force	18mN
Capacitance	150pF – 300pF
Weight	7.2g

Potential incorrect use and fault conditions

Pro-Ject turntables are manufactured to the highest standards and undergo strict quality controls before leaving the factory. Faults that may possibly occur are not necessarily due to material or production faults but can sometimes be caused by incorrect use or unfortunate circumstances. Therefore, the following list of common fault symptoms is included.

The platter doesn't turn although the unit is switched on:

- The unit is not connected to the mains power supply.
- No mains at the socket.
- Drive belt is not fitted or has slipped off.

No signal through one or other channel or both channels:

- No signal contact from the cartridge to the internal tonearm wiring or from that to the arm lead or from that to the phono box or between that and the amplifier. This could be due to a faulty plug, broken wire or solder joint or simply loose plug/socket connection.
- Correct input not selected at amplifier.
- Amplifier is not switched on.
- Amplifier or speakers are defective or muted.
- No connection to the loudspeakers.

Distorted or inconsistent sound from one or both channels:

- Record player is connected to wrong input of amplifier.
- Needle or cantilever damaged.
- Wrong r.p.m., drive belt overstretched or dirty, platter bearing without oil, dirty or damaged.

Service

Should you encounter a problem which you are not able to alleviate or identify despite the above information, please contact your dealer for further advice. Only when the problem cannot be resolved there should the unit be sent to the responsible distributor in your country.

Guarantee repairs will only be affected if the unit is returned correctly packaged. For this reason, we recommend keeping the original packaging.

Never return a record player without making sure that it is safely disassembled and correctly packaged in the original packaging according to the diagrams on the last page of this user guide. Please remove these parts and pack them separately: lid, counterweight, anti-skating weight and belt.

Fit the cartridge protection cap and the transport lock for the tonearm tube, prior to carefully packaging the record player.

Warranty



The manufacturer accepts no responsibility for damage caused by not adhering to these instructions for use and/or by transportation without the original packaging. Modification or change to any part of the product by unauthorized persons, release the manufacturer from any liability over and above the lawful rights of the customer.

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This guide was produced by: Pro-Ject Audio Systems
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The information was correct at the time of going to press. The manufacturer reserves the right to make changes to the technical specification without prior notice as deemed necessary to uphold the ongoing process of technical development. Product images and illustrations can differ from final production specifications.

Declaration of Conformity

We, **SEV Litovel, s r.o.**
Palackého 1160/34
78401 Litovel
Czech Republic
(manufacturer)

and

Pro-Ject Audio Systems a division of Audio Tuning GmbH
Margaretenstrasse 98
1050 Vienna,
Austria
(distributor)

declare under our responsibility that the product is in conformity with the provisions of Directives:
2014/35/EU including amendments
2014/30/EU including amendments
2014/53/EU including amendments

The following harmonised standards were applied:

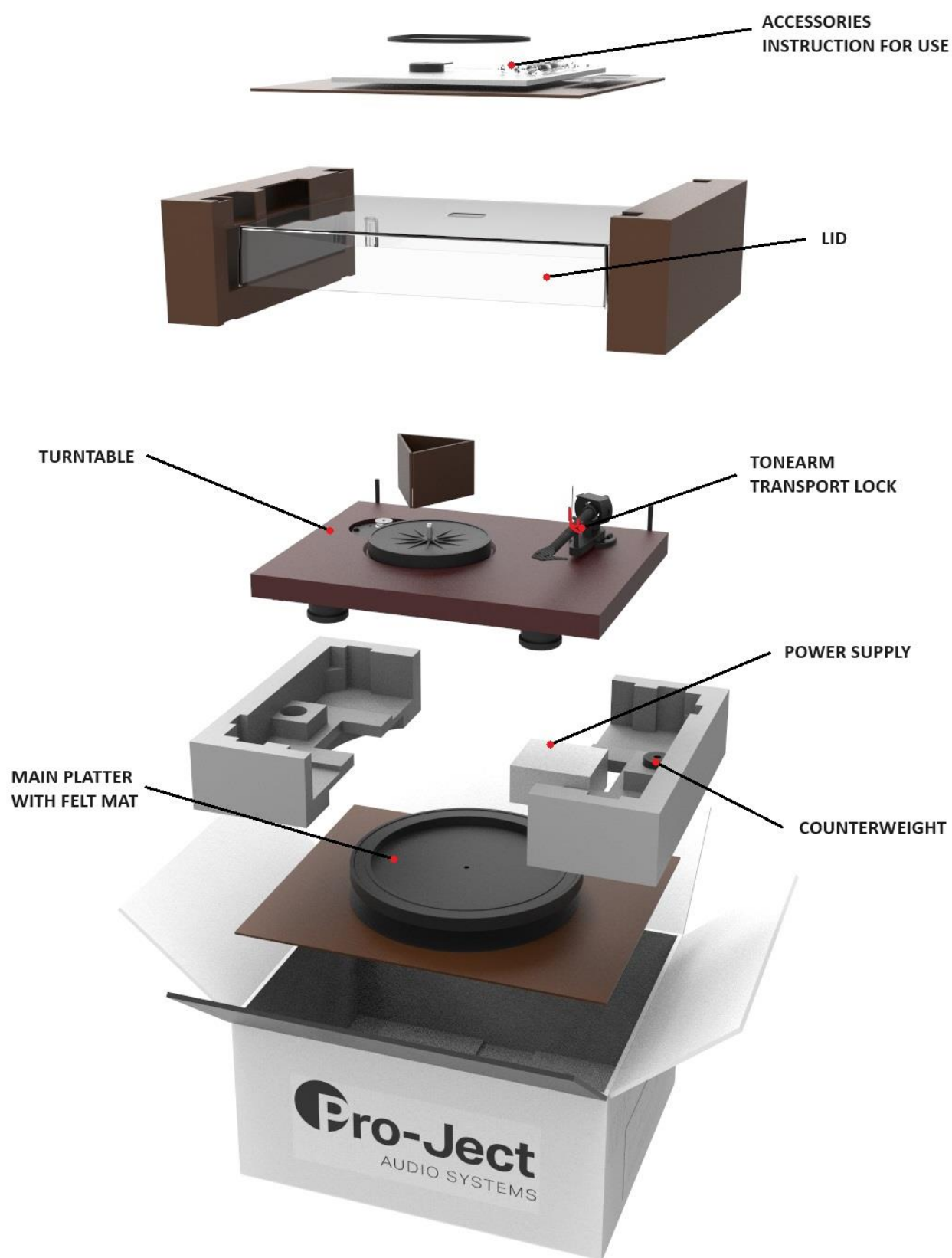
Health: EN62479:2010

Safety: EN60950-1:2006+A11:2009+A1:2010+A12:2011+A2:2013, EN62368-1:2014/A11:2017,
EN61558-1:2005/A1:2009, EN61558-2-16:2009/A1:2013

EMC: EN301489-1 V2.2.0: 2017-03, EN301489-17 V3.2.0:2017-03, EN55032:2015, EN55035:2017,
EN61000-3-2:2014, EN61000-3-3:2013

Radio Spectrum: EN300328 V2.1.1 (2016-11)

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Turntable Electrical Hum Guide

09-2019

Hum is a quite common issue in audio setups with turntables. As fairly high amplification is needed to make the turntable signal audible, even minor faults in the setup can lead to hum issues. However, in most cases the cause of the problem is in the wiring/connection, so the turntable itself is not faulty.

A good starting point is to check whether the hum has mechanical or electrical origins. Just follow the steps below.

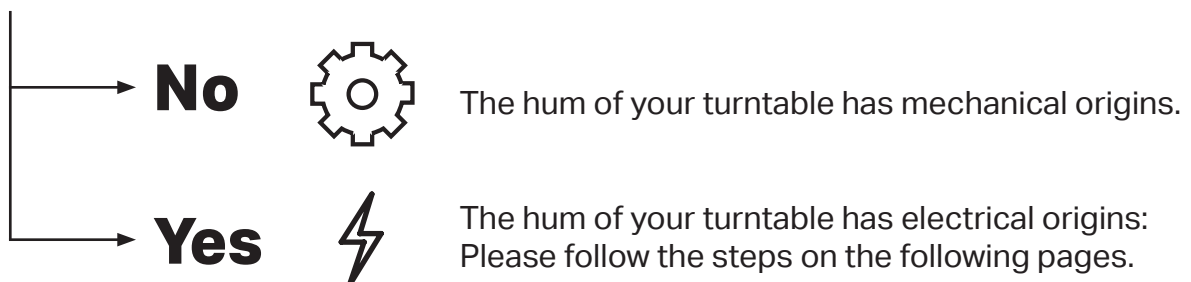
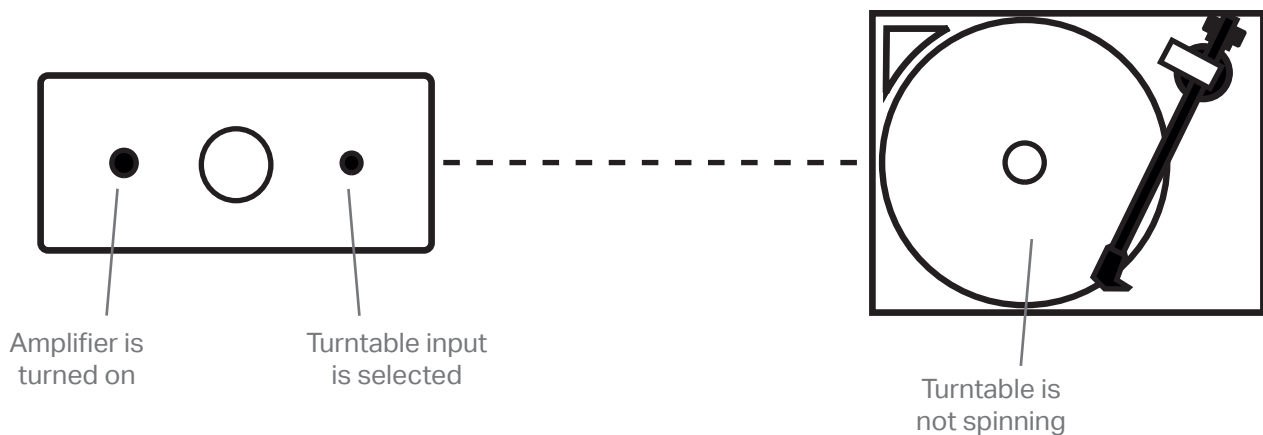
Problem:

Hum is audible when turntable is selected on amplifier input

Quick check:

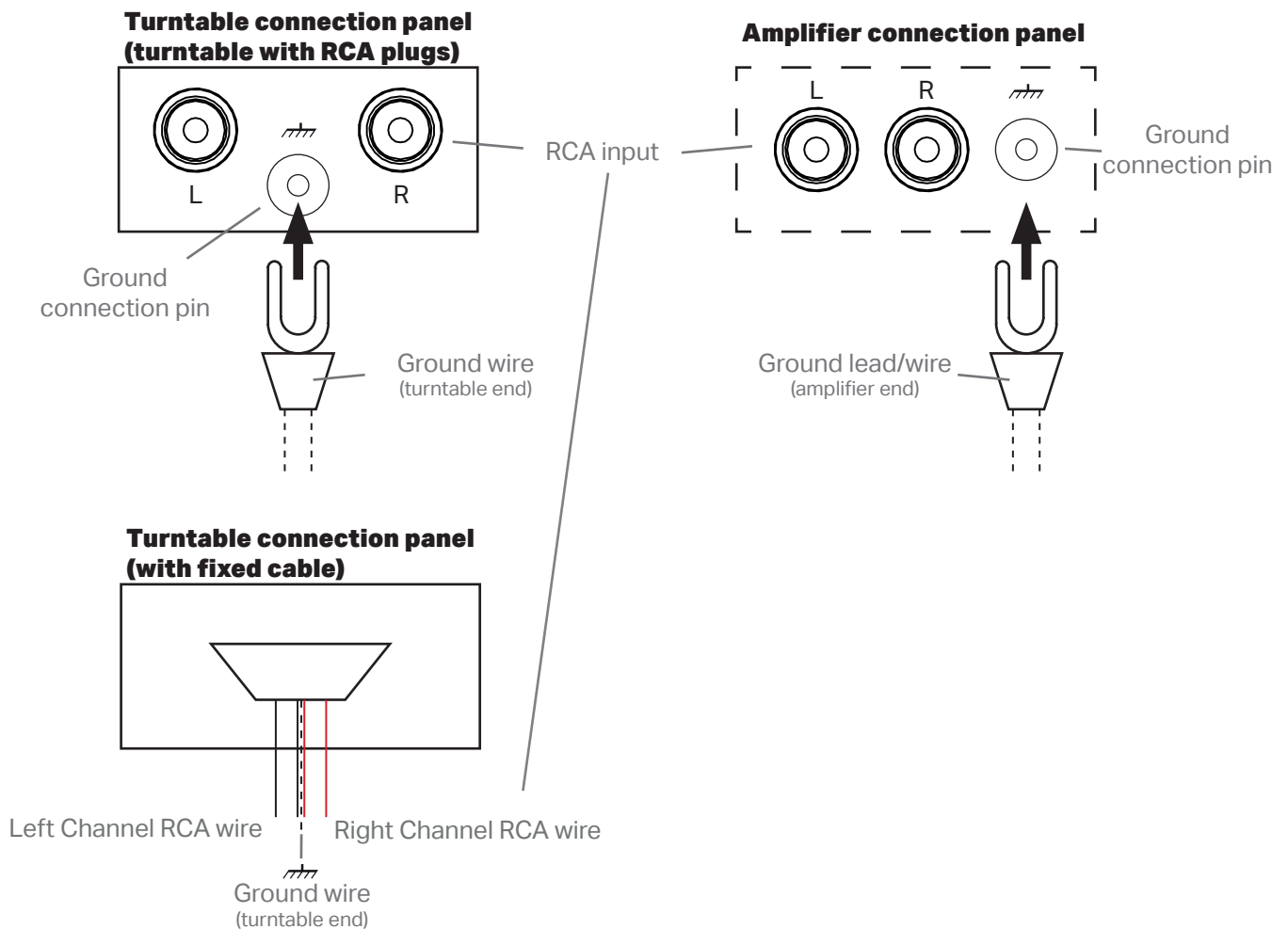
Is hum audible even when the turntable is turned off?

(i.e. it is not spinning, but amplifier is turned on & turntable input is selected)



1. Ground wire

Check if the ground wire is connected on both sides (i.e. to the turntable as well as to the amplifier). In case your amplifier does not have a ground connection pin, most likely it does not have a phono-input (phono-preamp). If this is the case use the turntables built-in phono preamp or an external phono-preamp. In some rare occasions the hum can also disappear when the ground connection is disconnected. So please try this step as well.



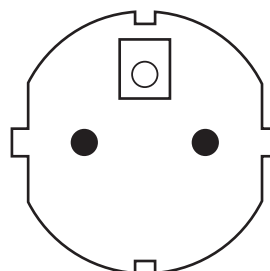
2. Grounding

Check the grounding of your system. This can be easily done by looking at the mains plugs of all components of your HiFi system (i.e. all components connected to your amplifier/powered speakers). See below a reference of grounded/non grounded plugs in various countries:

Non grounded version



Grounded version*



Europe (except UK & France)

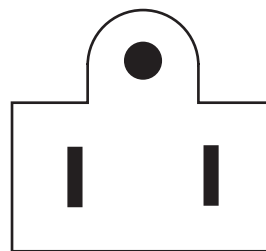
* Please note that a grounded plug is just a hint for a grounded device and a good starting point. However, this is not an absolute evidence, since the ground pin of a grounded plug does not necessarily has to be connected with the device.



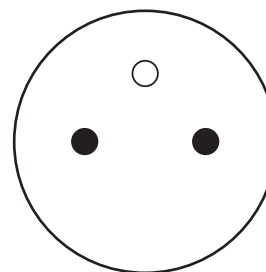
Grounded Power Cable: Pro-Ject Connect it Power

Non grounded version

Grounded version*

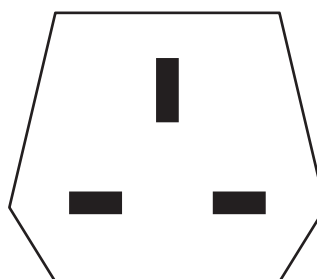
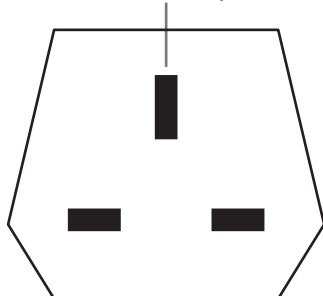


United States Of America

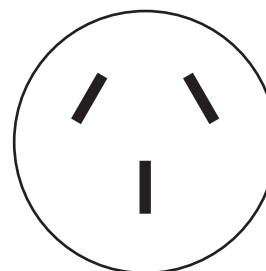
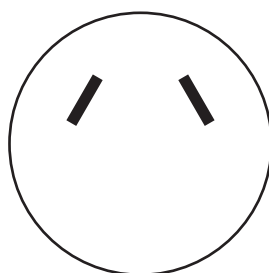


France

Plastic ground
connection pin



United Kingdom



Australia

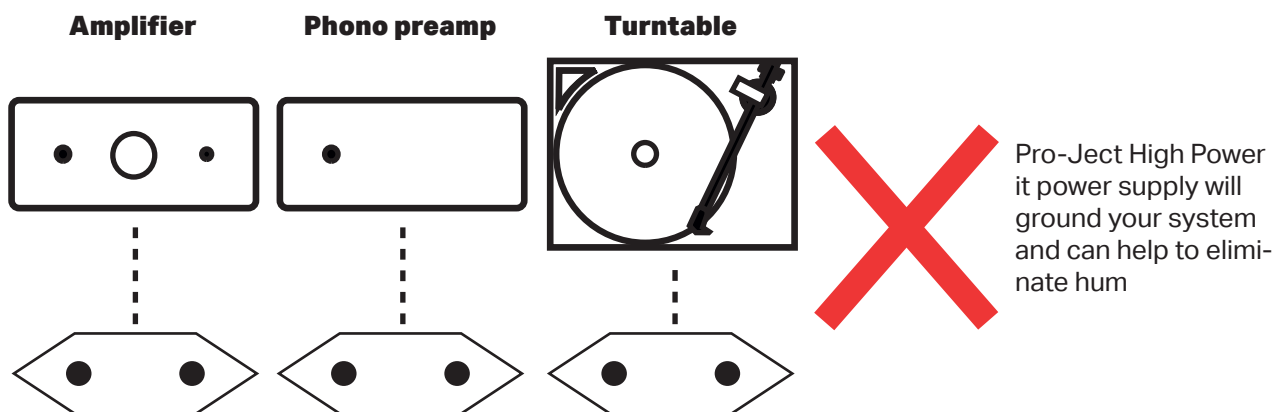
* Please note that a grounded plug is just a hint for a grounded device and a good starting point. However, this is not an absolute evidence, since the ground pin of a grounded plug does not necessarily has to be connected with the device.

- a.** If **none of your HiFi components** are connected via a grounded plug to mains you have a „floating ground system“ (see possible setup below). In that case you have to ground your system to eliminate the hum. We recommend connecting your Pro-Ject turntable with a **Pro-Ject High Power it power supply** to mains.

Note:

As convential audiophile amplifiers are usually grounded, it is not necessary to have a grounded power supply on turntables. Pro-Ject wants to avoid waste & unneeded features. Therefore a grounded power supply is not included in the standard package. However, if you own a Pro-Ject turntable + Pro-Ject Amplifier (e.g. preamp like Pre Box, integrated amp like MaiA, or similar - Phono Box alone doesn't count) and your setup does require a grounded power supply ask your dealer about a Pro-Ject High Power it

Possible setup (floating ground):

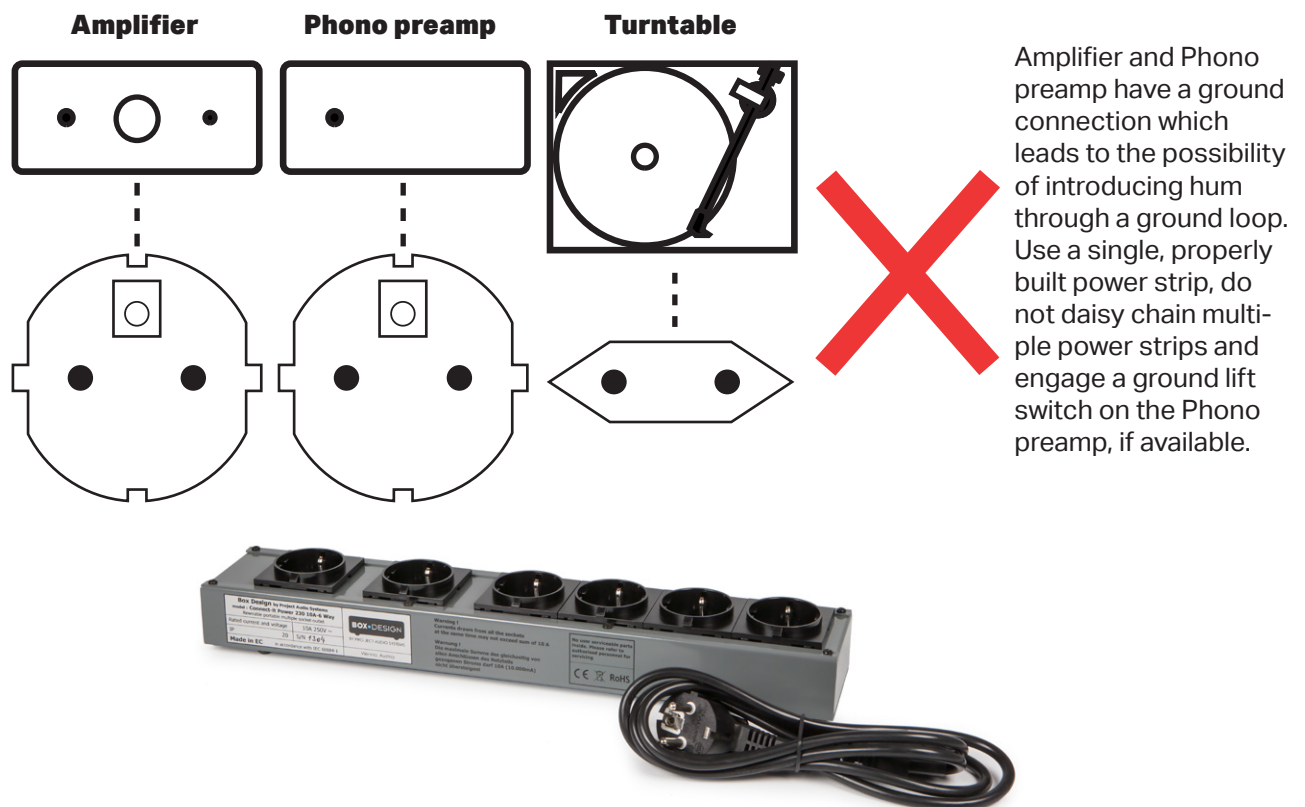


Pro-Ject High Power it
power supply

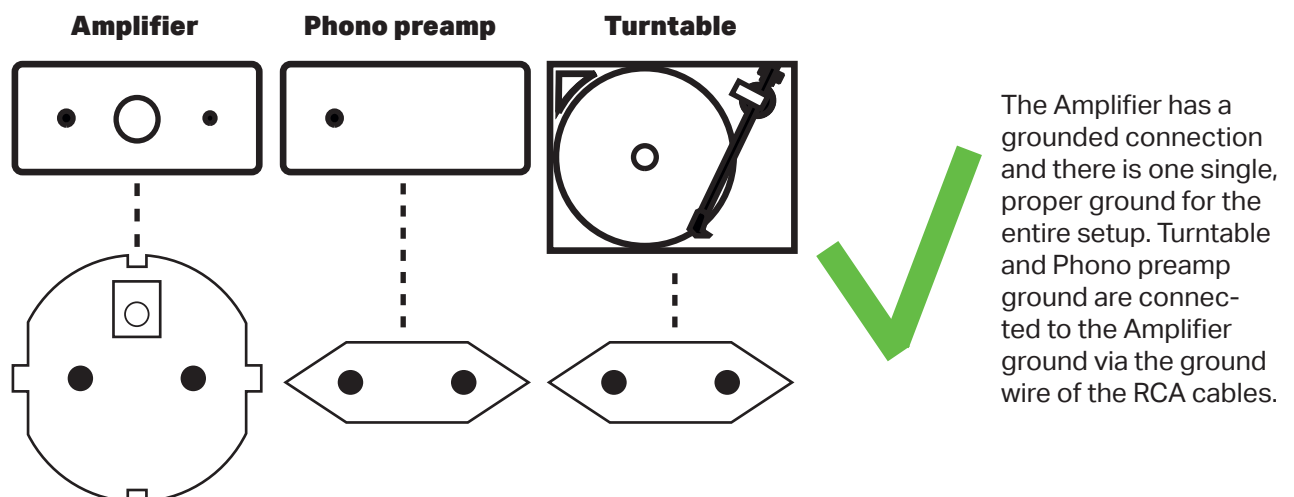
- b.** If **more than one of your HiFi components** are connected via a grounded plug to mains you have created a ground loop (see possible setup below). If you connect all your components to one single power strip, you can massively reduce the hum. Use a proper built power strip (**Pro-Ject Connect it Power 4 & 6way**) and do not daisy chain multiple power strips.

You can also check if any of the grounded components has a „ground lift“ switch. In that case switch to the „lift“ position on all but one components with a grounded plug. The amplifier usually remains on the „ground“ position & is the exemption.

Possible setup (ground loop):



c. **Possible setup (correct grounding):**



3. Electromagnetic interference

a. Electromagnetic interference (EMI) can also cause hum in your HiFi system. Turn all nearby (i.e. in the same room) electromagnetically radiating devices off.

Electromagnetically radiating devices are:

- WiFi Routers, Modems, WiFi Repeaters, etc.
- PCs, Laptops, Tablets, Mobile phones, etc.
- Stream devices (like Apple TV, Google Chromecast, Amazon Fire TV Stick)

If the hum disappears after you turned off those devices, try to place these devices as far away as possible from your HiFi system.

b. Another way of eliminating electromagnetically induced hum, is to change your MM (moving magnet) to a MC (moving coil) cartridge. Their low internal impedance is less prone to such interferences. However, a MC cartridge requires also a phono preamp that is suitable to a MC design. Note that not all phono preamplifiers can handle the very low output of a MC cartridge. For example a Pro-Ject Phono Box S2 Ultra or Tube Box S2 are excellent phono preamps for low output MC cartridges.

Great starter Phono preamps recommended for MC cartridges:

They feature a big set of options to individually tailor the preamp to the MC cartridge, resulting in best audio performance without noise. See chapter 4. for more information.



Tube Box S2



Phono Box S2 Ultra

4. Phono preamp

A not properly adjusted phono preamp can also be the cause when hum becomes audible. This can be due to unnecessarily high amplification. Unmatched gain, input impedance and input capacity on your Phono preamp can also lead to additional noise. The correct setup depends on your cartridge, but as a rule of thumb you can use these starting points:

	MM (moving magnet)	MC (moving coil)
Amplification (Gain)	~40dB	~50-60dB
Impedance	47kOhm	~10-500Ohm
Capacitance	~100-500pF, keep as low as possible	not relevant

*** IMPORTANT NOTICE:** Do not turn your Preamp volume all the way up, to unrealistic loudness levels. You want to check for hum or noise at regular/loud listening levels that you usually listen to music at. Otherwise you will add Preamp/Poweramp gain and noise, which will not accurately let you judge your real-world audio performance. If you are always listening at 100% cranked potentiometer levels, it might be time to upgrade other parts of your Hifi system to reduce noise and increase audio performance.

If - for example - the (input) impedance for a MM cartridge is too low, the output would be very little (i.e. quiet) & extremely recessed high frequencies. Increasing the amplification is the wrong solution & would lead to increased hum.

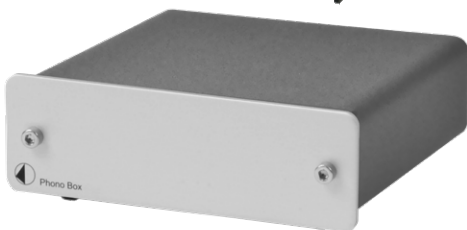
Note that some of these parameters might not be adjustable on your phono preamp. If you are unsure please consult the instruction manual. It's also possible that the phono preamp has just an MM/MC switch:



Phono Box MM

Fixed Gain/Impedance/Capacity settings for MM

Not Usable for low output MC



Phono Box

Fixed Gain/Impedance/Capacity settings with simple switch between MM and MC

OK for MC



Phono Box S2 Ultra

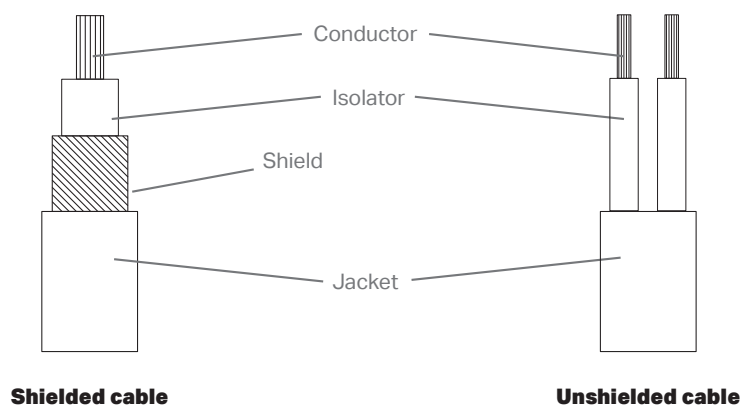
Variable Gain/Impedance/Capacity settings

Best solution for MC and MM

5. Cables

Take a closer look at your phono cable (i.e. the cable between turntable & phono pre-amp). It's important to use proper shielded cables. Unfortunately it is hard to tell from the outside how the shielding is done.

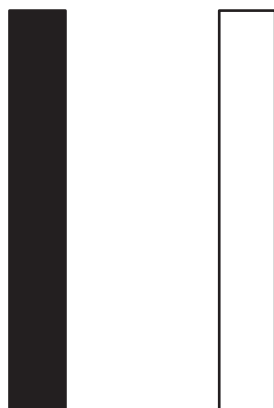
If you are unsure about your cable quality, invest in a better cable. Even if this doesn't solve your hum issues, it's definitely a worthwhile investment, as a good phono cable can improve sound quality enormously. Additionally, all Pro-Ject phono cables are semi-symmetrical and have a very low internal impedance, purpose designed to be used with turntables and phono preamps.



Semi-symmetrical, low-capacity, properly shielded phono cable: Connect it E (included with all Pro-Ject turntables)

Moreover, avoid parallel routing of audio & power cables. This is especially important for the audio cable from the turntable to the phono preamp, as the audio signal in this stage is extremely low & prone to interference. Try to separate them & cross them - when necessary - as close to 90° as possible.

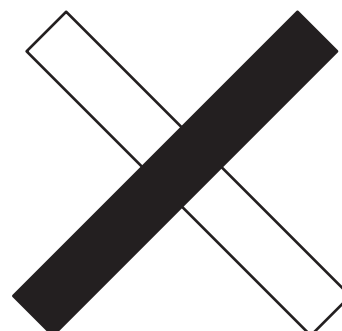
Avoid



Audio cable

Power cable

Do



Audio cable

Power cable