

Mojolnir

A PROPRIETARY MOJO  
FOR YOUR FANTASIA

Mojolnir

WITH A UNIQUE USER-DRIVEN DESIGN APPROACH AS THE CORE, WE COLLECT USER FEEDBACK AND SUGGESTIONS THROUGH ONLINE PLATFORMS AND SOCIAL MEDIA, DIRECTLY APPLIED TO PRODUCT DESIGN AND IMPROVEMENT.



# MAINTENANCE MANUAL

WWW.MOJOLNIR.COM

# AFTER-SALES SERVICE

## 售后服务

感谢您选择了Mojolnir乐器：

以下产品保修政策仅适用在Mojolnir合法授权店所购买产品的原始用户。

### 中文

Mojolnir根据中国消费者权益保护法律，为玩家提供完整的保修售后服务，自购买之日起享有12个月的保修服务。保修范围包括制造缺陷、材料问题以及正常使用中的非人为损坏。部分授权经销商为顾客提供的延长保修服务，为授权经销商行为，Mojolnir对此不提供无偿保修服务责任，请及时咨询Mojolnir授权经销商，避免错过保修期。

#### 保修流程

· 请联系您所购买的授权经销商，提供购买凭证，确保产品在保修期内，授权经销商将为您提供售后维修服务。  
· 通过Mojolnir官网(www.Mojolnir.com) 需求帮助，上传购买凭证、正品授权卡以及问题描述，经售后服务部门确认后，工作人员将产品寄回公司进行维修服务。

#### 繁体中文

Mojolnir根據中國消費者權益保護法律，為玩家提供完整的保修售後服務，自購買之日起享有12個月的保修服務。保修範圍包括製造缺陷、材料問題以及正常使用中的非人為損壞。部分授權經銷商為顧客提供的延長保修服務，為授權經銷商行為，Mojolnir對此不提供無償保修服務責任，請及時諮詢Mojolnir授權經銷商，避免錯過保修期。

#### 保修流程

· 請聯繫您所購買的授權經銷商，提供購買憑證，確保產品在保修期內，授權經銷商將為您提供售後維修服務。  
· 透過Mojolnir官方網站(www.Mojolnir.com) 需求幫助，上傳購買憑證、正品授權卡以及問題描述，經售後服務部門確認後，客戶可將產品寄回公司進行維修服務。

#### 保修期外维修

· 收费标准：保修期外的维修服务将根据具体维修内容收取费用，客户需自行承担往返运费。  
· 维修流程：客户需联系售后服务部门，提供详细问题描述及维修需求，售后服务部门将提供初步费用估算及维修时间，客户确认后，可将吉他寄回公司进行维修。

#### 如出现故障时

· 请勿自行尝试修理产品  
· 请立即联系您所购买的授权经销商寻求帮助  
· 寻求帮助时，请提供购买凭证、正品授权卡，并确保您的乐器是否仍在保修范围。  
· 用户负责物流运输产品及授权服务中心，如果您所在的地 区没有授权服务中心，请运输至Mojolnir官方服务中心，当运输产品时，请确认包装妥善、完整，运输途中产生的任何损坏，我们将不承担责任。

#### 不在保修范围内

· 产品非购买于Mojolnir官方授权经销商，或购买于其他二手平台等非正规渠道。  
· 擅自更改乐器的原厂配件或配置。  
· 无法提供正品授权卡及琴头序列号更改或损坏丢失。  
· 因人为疏忽、误用、事故或不恰当操作而产生的问题。  
· 零配件的自然磨损或金属零配件如琴弦、弦钮、金属配件等的氧化问题不在保修范围内。  
· 因保存不当、或由极端天气，包括且不限于极端温度、极端湿度而产生的问题。  
· 由非官方授权的技术人员进行调整或维修而产生的问题。

#### 不在保修範圍內

· 產品非購買於Mojolnir官方授權經銷商，或購買於其他二手平台等非正規渠道。  
· 擅自更改樂器的原廠配件或配置。  
· 無法提供正品授權卡及琴頭序號更改或損壞丟失。  
· 因人為疏忽、誤用、事故或不恰當操作而產生的問題。  
· 零配件的自然磨損或金屬零配件如琴弦、弦鈕、金屬配件等的氧化問題不在保修範圍內。  
· 因保存不當、或由極端天氣，包括且不限於極端溫度、極端濕度而產生的問題。  
· 由非官方授權的技術人員進行調整或維修而產生的問題。

### English

Mojolnir provides players with a comprehensive warranty and after-sales service in accordance with the Consumer Rights Protection Law of China. Products are covered by a 12-month warranty starting from the date of purchase. The scope of the warranty includes manufacturing defects, material issues, and non-man-made damages incurred under normal use. Any extended warranty services offered by certain authorized dealers are solely actions of those dealers, and Mojolnir does not assume responsibility for providing uncompensated warranty service for these extensions. Please consult the Mojolnir authorized dealer promptly to avoid missing the warranty period.

#### Warranty Procedure

Please contact the authorized dealer from whom you purchased the product. If you get 12 months warranty, starting from the date you bought it. Warranty covers things like manufacturing defects, material issues, and any damages that are not your fault (non-man-made) under normal usage. Listen ah: if certain authorized dealers offer you extra extended warranty, that's entirely their own action, okay? Mojolnir won't take responsibility to give free servicing for those extensions. Better check with your Mojolnir authorized dealer quickly, so you don't miss the warranty period.

#### Out-of-Warranty Repairs

Free Standard: For repairs outside the warranty period, we will charge based on what needs fixing. Customers must bear the two-way shipping costs themselves, nor repair procedure. Customers need to contact the after-sales service department, give detailed issue description and what repair you need. They will provide a rough cost estimate and repair time. Once confirmed by the customer, then the guitar can be sent back to the company for repair.

#### In Case of Malfunction

Please don't try to fix the product yourself. Later break even more. Please immediately contact the authorized dealer you bought from for assistance. When asking for help, please provide the proof of purchase, the genuine authorization card, and make sure your instrument is still covered by the warranty. The user is responsible for transporting the product to an authorized service center. If you got no authorized service center in your area, please transport it to the Mojolnir official service center. When shipping the product, please make sure the packaging is good and complete. ah. We won't be responsible for any damages that happen during the transport.

#### Not Covered Under Warranty

Products not purchased from an official Mojolnir authorized dealer, or purchased through non-official channels or other secondary market platforms. Unauthorized alteration of the instrument's original factory parts or configuration. Inability to provide the genuine authorization card, or if the headstock serial number is changed, damaged, or gone missing. Issues arising from human error (negligence), misuse, accidents, or improper operation. Natural wear and tear of parts, oxidation issues of metal parts such as strings, tuning pegs, and other metal components are not covered under warranty. Problems due to keeping it improperly, or due to extreme weather, including but not limited to extreme temperature and extreme humidity. Problems resulting from adjustments or repairs done by non-officially authorized technicians.

### Singaporean English

Mojolnir, lah, provides complete warranty and after-sales service for you players, following China's Consumer Rights Protection Law. You get 12 months warranty, starting from the day you bought it. Warranty covers things like manufacturing defects, material issues, and any damages that are not your fault (non-man-made) under normal usage. Listen ah: if certain authorized dealers offer you extra extended warranty, that's entirely their own action, okay? Mojolnir won't take responsibility to give free servicing for those extensions. Better check with your Mojolnir authorized dealer quickly, so you don't miss the warranty period.

#### Warranty Procedure

Please contact the authorized dealer where you bought the product, lah. Must show the proof of purchase and make sure the product is still under warranty period, okay? The authorized dealer will help you with the after-sales repair service. Can request assistance through the Mojolnir official website (www.Mojolnir.com). Must upload the proof of purchase, the genuine authorization card, and write down the issue properly. After the after-sales department checks and confirms, then you can send the product back to the company for repair service.

#### Out-of-Warranty Repairs

Free Standard: For repairs outside the warranty period, we will charge based on what needs fixing. Customers must bear the two-way shipping costs themselves, nor repair procedure. Customers need to contact the after-sales service department, give detailed issue description and what repair you need. They will provide a rough cost estimate and repair time. Once confirmed by the customer, then the guitar can be sent back to the company for repair.

#### In Case of Malfunction

Please don't try to fix the product yourself. Later break even more. Please immediately contact the authorized dealer you bought from for assistance. When asking for help, please provide the proof of purchase, the genuine authorization card, and make sure your instrument is still covered by the warranty. The user is responsible for transporting the product to an authorized service center. If you got no authorized service center in your area, please transport it to the Mojolnir official service center. When shipping the product, please make sure the packaging is good and complete. ah. We won't be responsible for any damages that happen during the transport.

#### Not Covered Under Warranty

Products not bought from an official Mojolnir authorized dealer, or bought through non-official channels like other second-hand platforms. Changing the instrument's original factory parts or setup without permission. Cannot provide the genuine authorization card, or if the headstock serial number is changed, damaged, or gone missing. Problems coming from human error (negligence), misuse, accidents, or operating it wrongly. Normal wear and tear of parts, or oxidation problems of metal parts like strings, tuning pegs (tuners), and other metal components are not covered by warranty. Problems due to keeping it improperly, or due to extreme weather, including but not limited to extreme temperature and extreme humidity. Problems resulting from adjustments or repairs done by technicians who are not officially authorized.

### 日本語

Mojolnirは、中国の消費者權益保護法に基づき、お客様に完全な保証およびアフターサービスを提供しており、ご購入日より12ヶ月間の保証サービスをご利用いただけます。保証の範囲には、製造上の欠陥、材料の問題、および通常の使用における非人為的な損傷が含まれます。一部の認定ディーラーがお客様に提供する延長保証サービスは、当該ディーラー独自の行為であり、Mojolnirはこれらの延長保証に対する無償保証サービスの責任を負いません。保証期間を過ぎないように、Mojolnirの認定ディーラーに速やかにご相談ください。

#### 保証手続き（ほしうてつづき）

ご購入いただいた認定ディーラーにご連絡の上、購入証明書をご提示ください。製品が保証期間内であることを確認いただければ、認定ディーラーがアフターサービスの修理を提供いたします。  
· Mojolnir公式ウェブページ(www.Mojolnir.com) からサポートをご依頼ください。購入証明書、正規認定カード、および問題の詳細をアップロードし、アフターサービス部門の確認後、お客様は製品を会社へお送りいただき、修理サービスを受けることができます。

#### 保証期間外の修理（ほしうきかंगाいのしゅうり）

料金基準：保証期間外の修理サービスについては、具体的な修理内容に応じて費用を請求させていただきます。修理手順：お客様はアフターサービス部門にご連絡の上、問題の詳細と修理のご要望をお伝えください。アフターサービス部門より、概算費用と修理期間をお知らせいたします。お客様にご確認いただいた後、ギターを会社へお送りいただき、修理を行うことができます。

#### 故障が発生した場合（こしょうがはっせいしたばあい）

ご自身で製品を修理しようとしてください。  
· 直ちに、ご購入いただいた認定ディーラーにご連絡の上サポートを求めください。  
· サポートを求める際は、購入証明書、正規認定カードをご提示の上、お客様の楽器がまだ保証範囲内にあることをご確認ください。  
· 製品の認定サービスセンターへの輸送はお客様の責任となります。お客様の地域に認定サービスセンターがない場合は、Mojolnir公式サービスセンターへ輸送してください。製品を輸送する際は、梱包が適切かつ完全であることをご確認ください。輸送中に生じた一切の損害について、当社は責任を負いかねます。

#### 保証対象外（ほしうたいしうがひ）

Mojolnirの公式認定ディーラー以外から購入された製品、またはその他の二次流通プラットフォームなどの非正規ルートで購入された製品。  
· 楽器の工場出荷時の部品または設定を無断で変更した場合。  
· 正規認定カードをご提示いただけない場合、またはヘッドのシリアルナンバーが改ざん、損傷、紛失している場合。  
· 人為的な不注意、誤用、事故、または不適切な操作によって生じた問題。  
· 部品の自然な摩耗、または弦、ペグ、金属部品などの金属部品の酸化による問題は保証対象外です。  
· 不適切な保管、または極端な温度や湿度を含む（ただしこれらに限定されない）種々の天候によって生じた問題。  
· 公式に認定されていない技術者による調整または修理によって生じた問題。

### 한국어

Mojolnir는 중국 소비자 권의 보호법에 의거하여 고객(플레이어)에게 포괄적인 보증 및 애프터 서비스를 제공하며, 구매일로부터 12개월간의 보증 서비스가 적용됩니다. 보증 범위에는 제조상의 결함, 재료 문제 및 정상적인 사용 과정에서 발생한 비인위적 손상이 포함됩니다. 일부 공인 딜러가 고객에게 제공하는 연장 보증 서비스는 해당 딜러의 자체적인 행위이므로, Mojolnir는 이에 대한 무상 보증 서비스 책임을 지지 않습니다. 보증 기간을 놓치지 않도록 Mojolnir 공인 딜러에게 즉시 문의해 주시기 바랍니다.

#### 보증 절차 (Warranty Procedure)

구매하신 공인 딜러에게 연락하여 구매 증빙 자료를 제공하고, 제품이 보증 기간 내에 있는지 확인해 주십시오. 공인 딜러가 애프터 서비스(AS) 수리 서비스를 제공할 것입니다. Mojolnir 공식 웹사이트(www.Mojolnir.com)를 통해 도움을 요청해 주십시오. 구매 증빙 자료, 정품 인증 카드 및 문제 설명을 업로드하십시오. 애프터 서비스 부서의 확인 후 고객에게 제품을 회수해 보내 수리 서비스를 받을 수 있습니다.

#### 보증 기간 외 수리 (Out-of-Warranty Repairs)

요금 기준: 보증 기간의 수리 서비스는 구체적인 수리 내용에 따라 비용이 청구됩니다. 왕복 운송비는 고객이 직접 부담해야 합니다.  
수리 절차: 고객은 애프터 서비스 부서에 연락하여 상세한 문제 설명 및 수리 요청 사항을 제공해야 합니다. 애프터 서비스 부서에서는 초기 비용 견적 및 예상 수리 기간을 제공할 것입니다. 고객 확인 후, 기타(제품)를 회수로 보내 수리를 진행할 수 있습니다.

#### 고장 발생 시 (In Case of Malfunction)

제품을 임의로 수리하려고 시도하지 마십시오.  
· 즉시 구매하신 공인 딜러에게 연락하여 도움을 요청하십시오.  
· 도움을 요청하실 때, 구매 증빙 자료, 정품 인증 카드, 그리고 악기가 아직 보증 범위 내에 있는지 확인해 주십시오.  
· 사용자는 제품을 공인 서비스 센터로 운송할 책임이 있습니다. 거주 지역에 공인 서비스 센터가 없는 경우, Mojolnir 공식 서비스 센터로 운송해 주십시오. 제품 운송 시 포장에 견고하고 완벽한 지 확인해 주십시오. 운송 중 발생하는 어떠한 손상에 대해서도 당사는 책임지지 않습니다.

#### 보증 제외 대상 (Not Covered Under Warranty)

Mojolnir 공식 공인 딜러가 아닌 곳 또는 기타 중고 플랫폼 등 비정규 경로를 통해 구매한 제품.  
· 악기의 운송 부품 또는 구성을 임의로 변경한 경우.  
· 정품 인증 카드를 제공할 수 없거나 헤드 시리얼 번호가 변경 또는 손상/분실된 경우.  
· 사용자 부주의, 오용, 사고 또는 부적절한 작동으로 인해 발생한 문제.  
· 부품의 자연적인 마모 또는 스트링(현), 튜닝 peg(줄감개), 금속 부품 등의 금속 부품 산화 문제.  
· 부적절한 보관 또는 극심한 온도, 극심한 습도 등을 포함한 (이에 국한되지 않음) 극한 날씨로 인해 발생한 문제.  
· 공식에認定されていない技術者による調整または修理によって生じた問題。

### Bahasa Malaysia

Mojolnir menyediakan perkhidmatan waranti dan selepas jualan yang komprehensif kepada pemain, mengikut Undang-Undang Perlindungan Hak Pengguna China. Produk dilindungi oleh perkhidmatan waranti selama 12 bulan, bermula dari tarikh pembelian. Skop waranti termasuk kecacatan pembuatan, isu bahan, dan kerosakan bukan buatan manusia yang berlaku semasa penggunaan biasa. Sebarang perkhidmatan waranti lanjutan yang ditawarkan oleh setengah pengedar sah adalah semata-mata tindakan pengedar tersebut, dan Mojolnir tidak bertanggungjawab untuk menyediakan perkhidmatan waranti tanpa pampasan bagi lanjutan ini. Sila rujuk pengedar sah Mojolnir dengan segera untuk mengetahui terlewat tempoh waranti.

#### Prosedur Waranti (Warranty Procedure)

Sila hubungi pengedar sah di mana anda membeli produk tersebut. Dapatkan bantuan melalui laman web kami Mojolnir (www.Mojolnir.com). Muat naik bukti pembelian, kad pengesahan lesen, dan perincian masalah. Setelah pengesahan oleh jabatan perkhidmatan pelanggan, pelanggan boleh menghantar produk kembali ke syarikat untuk perkhidmatan pembaikan.

#### Pembaikan Luar Waranti (Out-of-Warranty Repairs)

Standard Caj: Pembaikan di luar masa garansi memerlukan dikenakan bayaran berdasarkan kandungan pembaikan yang spesifik. Pelanggan perlu menanggung sendiri kos penghantaran pergi dan balik.  
Prosedur Pembaikan: Pelanggan perlu menghubungi jabatan perkhidmatan pelanggan selepas jualan. Dapatkan perincian masalah yang terperinci dan permintaan pembaikan. Jabatan perkhidmatan selepas jualan akan memberikan anggaran awal, awal dan anggaran masa pembaikan. Setelah pengesahan pelanggan, gitar (produk) boleh dihantar kembali ke syarikat untuk pembaikan.

#### Sekiranya Berlaku Kerosakan (In Case of Malfunction)

Silahkan cuba membaiki produk sendiri. Sila hubungi pengedar sah di mana anda membeli produk dengan segera untuk mendapatkan bantuan. Apabila memohon bantuan, sila sediakan bukti pembelian, kad pengesahan lesen, dan maklumat instrumen anda termasuk maklumat jaminan waranti.  
· Gunakan bertanggungjawab untuk mengangkut produk ke pusat servis yang sah. Jika tidak pusat servis sah dikawasan anda, sila hantar ke pusat servis kami Mojolnir. Semasa mengangkut produk, sila pastikan pengungkapan adalah sempurna dan lengkap. Kami tidak akan bertanggungjawab atas kerosakan apa pun yang berlaku kerana sebab-sebab yang berikut.

#### Tidak Dilindungi Di Bawah Waranti (Not Covered Under Warranty)

Produk tidak dibeli daripada pengedar sah rasmi Mojolnir, atau dibeli melalui saluran tidak sah lain seperti platform terpasal (secondary market).  
· Perubahan tanpa kebenaran terhadap alat ganti atau konfigurasi asal yang ditunjukkan.  
· Ketidapatannya untuk memberikan kad pengesahan lesen, atau jika nombor siri kepala gitar/headstock serial number telah diubah, rosak, atau hilang.  
· Isu yang timbul daripada kecacatan manusia, penyahgunaan, ketidaklengkapan, atau operasi yang tidak betul.  
· Masalah normal kegunaan dan keausan, atau masalah oksidasi komponen logam seperti senar gitar/tuning peg (senar), dan masalah logam tidak termasuk dalam cakupan garansi.  
· Masalah yang timbul kerana penyahgunaan yang tidak tepat, atau kerana cuaca ekstrem, termasuk namun tidak terbatas kepada suhu ekstrem dan kelembapan ekstrem.  
· Masalah yang timbul kerana penyusutan atau pembaikan yang dilakukan oleh jurutera yang tidak dilatih secara rasmi.

### Bahasa Indonesia

Mojolnir menyediakan layanan garansi dan purnajual yang komprehensif bagi para pemain sesuai dengan Undang-Undang Perlindungan Hak Konsumen Tiongkok. Produk akan mendapatkan layanan garansi selama 12 bulan, terhitung sejak tanggal pembelian. Cakupan garansi meliputi cacat produksi, masalah material, dan kerusakan non-manusia yang terjadi dalam penggunaan normal. Setiap layanan perpanjangan garansi yang ditawarkan oleh dealer resmi tertentu semata-mata merupakan tindakan dari dealer tersebut, dan Mojolnir tidak bertanggungjawab untuk menyediakan layanan garansi tanpa biaya untuk perpanjangan ini. Mohon segera berkonsultasi dengan dealer resmi Mojolnir untuk mengetahui terlewatnya masa garansi.

#### Prosedur Garansi (Warranty Procedure)

Silakan hubungi dealer resmi tempat Anda membeli produk. Dapatkan bantuan melalui laman web kami Mojolnir (www.Mojolnir.com). Upload bukti pembelian, kartu konfirmasi, dan detail masalah. Setelah dikonfirmasi oleh departemen layanan pelanggan, pelanggan dapat mengirimkan produk kembali ke perusahaan untuk layanan perbaikan/pembaikan.

#### Perbaikan di Luar Masa Garansi (Out-of-Warranty Repairs)

Standar Biaya: Layanan perbaikan di luar masa garansi akan dikenakan biaya berdasarkan kandungan perbaikan yang spesifik. Pelanggan perlu menanggung sendiri biaya pengiriman pergi dan balik.  
Prosedur Perbaikan: Pelanggan perlu menghubungi jabatan layanan pelanggan setelah jualan. Dapatkan perincian masalah yang terperinci dan permintaan pembaikan. Departemen layanan pelanggan akan memberikan perkiraan biaya awal dan waktu perbaikan yang diperlukan. Setelah dikonfirmasi oleh pelanggan, gitar dapat dikirim kembali ke perusahaan untuk pembaikan.

#### Apabila Terjadi Kerusakan (In Case of Malfunction)

Mohon jangan mencoba memperbaiki produk sendiri. Segera hubungi masalah Anda. Saat memohon bantuan, sila sediakan bukti pembelian, kartu konfirmasi, dan maklumat instrumen Anda termasuk maklumat jaminan waranti.  
· Gunakan bertanggungjawab untuk mengirimkan produk ke pusat layanan resmi. Jika tidak, ada pusat layanan resmi di wilayah Anda, sila kirim ke pusat layanan resmi Mojolnir. Saat mengirimkan produk, pastikan kemasan dikemas dengan baik dan lengkap. Kami tidak akan bertanggungjawab atas kerosakan apa pun yang terjadi selama proses pengiriman.

#### Tidak Termasuk dalam Cakupan Garansi (Not Covered Under Warranty)

Produk tidak dibeli dari distributor resmi Mojolnir, atau dibeli melalui saluran resmi seperti platform barang bekas lainnya.  
· Mengubah suku cadang atau konfigurasi asal pabrik tanpa izin.  
· Tidak dapat memberikan kartu konfirmasi, atau jika nomor seri headstock telah diubah, rusak, atau hilang.  
· Masalah yang timbul karena kelalaian manusia, penyahgunaan, ketidaklengkapan, atau pengoperasian yang tidak tepat.  
· Masalah normal kegunaan dan keausan, atau masalah oksidasi komponen logam seperti senar gitar/tuning peg (senar), dan masalah logam tidak termasuk dalam cakupan garansi.  
· Masalah yang timbul karena penyahgunaan yang tidak tepat, atau karena cuaca ekstrem, termasuk namun tidak terbatas pada suhu ekstrem dan kelembapan ekstrem.  
· Masalah yang timbul karena penyusutan atau pembaikan yang dilakukan oleh jurutera yang tidak dilatih secara rasmi.

As we do not have colleagues proficient in the local language, all language translations are handled by Gemini. If you encounter any issues, please inform us via our official social media channels. Your contribution is important to us, thank you!

# MOJOLNIR ELECTRIC GUITAR / BASS USER & MAINTENANCE MANUAL

## Mojolnir电吉他/贝斯使用及保养手册

### 一、日常使用注意事项

#### 环境控制

**温湿度:** 避免将乐器暴露在极端温湿度环境中 (如空调出风口、暖气设备附近、阳光直射处)。建议存放环境湿度保持在40%-60%，温度15-25℃。

#### 存放方式

使用琴架或琴盒存放，注意防尘。

### 演奏习惯

演奏后及时用干布擦拭琴弦与金属部件，避免汗液、油脂腐蚀金属部件。避免剧烈震动或碰撞，防止琴身漆面因外力刮擦受损。

### 二、清洁与保养建议

#### 琴身清洁

使用柔软棉布或麂皮布沾取少量专用琴体保养产品擦拭表面污渍。

#### 琴颈与指板维护

玫瑰木、乌木等无漆指板可涂抹专用指板保养产品，枫木等有漆指板仅需干布清洁。

#### 品丝保养

用金属抛光块或者除锈剂去除表面锈迹再擦亮 (需用胶带保护指板)，保持光泽并减少琴弦磨损。

### 琴桥与琴枕处理

使用软毛牙刷清理琴桥凹槽积垢，确保琴弦振动顺畅。

#### 电子部件维护

**拾音器:** 用布擦拭外壳，避免液体渗入内部电路。  
**旋钮与开关:** 若出现杂音，可使用电路专用清洁剂喷剂喷涂电路部分。

### 三、定期维护项目

#### 琴弦更换

建议每1-2个月更换一次琴弦(根据使用频率调整)，更换琴弦时注意避免琴弦划伤琴体。

#### 专业调试

建议每半年进行深度保养，建议由授权维修点操作，确保最佳演奏状态。

### 四、安全警示

#### 运输与携带

极端温差环境下注意清洁产生的水雾。

#### 电池管理

若搭载主动拾音器或主动电路，不使用时请拔出连接线延长电池寿命，长期不使用时需取出电池，防止漏液腐蚀电路。

## 功能使用与实操

### 琴体控制面板

#### ① 音量旋钮 (Volume Knob)

**功能:** 控制整体输出音量，顺时针旋转增大音量，逆时针减小至静音。

**技巧:** 通过快速旋钮归零可实现“静音切换”，适用于现场演出。

#### ② 音色旋钮 (Tone Knob)

**功能:** 调节高频衰减，顺时针保留明亮音色，逆时针削弱高频。

**技巧:** 适当的收起音色旋钮可以获得更为复古的温暖音色。

#### ③ 拾音器切换开关 (Pickup Selector)

**功能:** 切换不同拾音器搭配以获得更多的音色选择，不同款式切换模式略有区别，详情以具体款式为准。

### 输出接口 (Output Jack)

#### 连接方式:

使用6.35mm吉他线 (TS大二芯连接线) 连接音箱/效果器，插入时需听到“咔嚓”锁定声。

### 防杂音设计:

接口内部镀金触点减少信号损失，插拔时请压紧插头避免晃动

### 颤音系统(Tremolo Bridge, 部分型号配备)

#### 功能:

通过摇动摇杆 (Whammy Bar) 改变琴桥张力，制造颤音效果。

### 校准步骤

松开摇杆螺丝，插入摇杆至螺纹完全咬合 (部分型号为直插式，无需对准螺纹) 调节琴体背板弹簧张力 (参考说明书图示)，平衡琴弦拉力与弹簧回弹力。

## 贝斯专用功能说明

(针对主动电路型号)

### 主动电路控制模块

#### ① 电池仓:

位于琴体背部，使用9V方块电池，**不使用时请拔出连接线延长电池寿命，长期不使用时需取出电池，防止漏液腐蚀性电路。**

#### ② 三段均衡旋钮 (Bass/Mid/Treble)

顺时针增强对应频段，逆时针衰减对应频段，旋钮位于中间位置时为不增不减，电位器设置有卡点。

### 进阶操作与音色调试

#### 拾音器高度调节

工具: 十字螺丝刀

#### 步骤:

调节拾音器两侧螺丝，升高拾音器高度以获得更大输出，降低拾音器高度以获得更复古，更富动态的音色。如拾音器高度过高可能会导致琴弦工作不正确影响音色。

### 琴颈曲度微调 (Truss Rod)

#### 调节逻辑

**琴颈前弯:** 顺时针拧动调节孔，收紧钢筋。

**琴颈后弯:** 逆时针拧动调节孔，放松钢筋。

### 安全提示:

**注:** Mojolnir旗下所有产品出厂前已调整至最佳状态，非专业用户建议联系客服后或寻找合法授权经销商调试。

问题现象	可能原因	解决方案
<b>拾音器无信号</b>	1. 电池耗尽 (主动款) 2. 音量旋钮关闭 3. 电路部分损坏	1. 更换电池 2. 确保音量旋钮拧至最大 3. 联系客服后检修

问题现象	可能原因	解决方案
<b>摇杆回弹卡顿</b>	1. 弹簧张力失衡	1. 调节琴体背板弹簧螺丝

# MOJOLNIR ELECTRIC GUITAR / BASS USER & MAINTENANCE MANUAL

## Mojolnir 電吉他 / 貝斯 使用與保養手冊

### 一、日常使用注意事項

#### 環境控制

**溫溼度:** 避免將樂器暴露在極端溫溼度環境中 (如空調出風口、暖氣設備附近、陽光直射處)。建議存放環境溼度保持在 40%-60%，溫度保持在 15-25℃。

#### 存放方式

使用琴架或琴盒存放，注意防塵。

### 演奏習慣

演奏後及時用乾布擦拭琴弦與金屬部件，避免汗液、油脂腐蝕金屬部件。避免劇烈震動或碰撞，防止琴身漆面因外力刮擦受損。

### 二、清潔與保養建議

#### 琴身清潔

使用柔軟棉布或麂皮布沾取少量專用琴體保養產品擦拭表面污漬。

#### 琴頸與指板維護

玫瑰木、烏木等無漆指板可塗抹專用指板保養產品。楓木等有漆指板僅需乾布清潔。

#### 品絲保養

用金屬拋光塊或除鏽劑去除表面鏽跡再擦亮 (需用膠帶保護指板)，保持光澤並減少琴弦磨損。

### 琴橋與琴枕處理

使用軟毛牙刷清理琴橋凹槽積垢，確保琴弦震動順暢。

#### 電子部件維護

**拾音器:** 用布擦拭外殼，避免液體滲入內部電路。  
**旋鈕與開關:** 若出現雜音，可使用電路專用清潔噴劑噴塗電路部分。

### 三、定期維護項目

#### 琴弦更換

建議每1-2個月更換一次琴弦(根據使用頻率調整)。更換琴弦時注意避免琴弦劃傷琴體。

#### 專業調校

建議每半年進行深度保養，建議由授權維修點操作，確保最佳演奏狀態。

### 四、安全警示

#### 運輸與攜帶

在極端溫差環境下 (如從冷氣房到戶外) 注意清潔產生的水霧 (凝結水)。

#### 電池管理

若搭載主動拾音器或主動電路，不使用时請拔出连接线延长电池寿命，长期不使用时需取出电池，防止漏液腐蚀电路。

## 功能使用與实操

### 琴體控制面板

#### ① 音量旋鈕 (Volume Knob)

**功能:** 控制整體輸出音量，順時針旋轉增大音量，逆時針旋轉減小至靜音。

**技巧:** 透過快速將旋鈕歸零可實現「靜音切換」，適用於現場演出。

#### ② 音色旋鈕 (Tone Knob)

**功能:** 調節高頻衰减，順時針保留明亮音色，逆時針削弱高頻。

**技巧:** 適當地收起音色旋鈕可以獲得更為復古的温暖音色。

#### ③ 拾音器切換開關 (Pickup Selector)

**功能:** 切換不同拾音器搭配以獲得更多的音色選擇，不同款式切換模式略有區別，詳情以具體款式為準。

### 輸出接口 (Output Jack)

#### 連接方式:

使用6.35mm吉他導線 (TS 大二芯連接線) 連接音箱/效果器，插入時需聽到「咔嚓」鎖定聲。

### 防雜音設計:

接口內部鍍金觸點減少信號損失，插拔時請握緊插頭避免晃動。

### 顫音系統 (Tremolo Bridge, 部分型號配備)

#### 功能:

透過搖動\*\*搖桿 (Whammy Bar) \*\*改變琴橋張力，製造顫音效果。

### 校准步驟

鬆開搖桿螺絲，插入搖桿至螺紋完全咬合 (部分型號為直插式，無需對準螺紋)。調節琴體背板彈簧張力 (參考說明書圖示)，平衡琴弦拉力與彈簧回彈力。

故障描述	可能原因	處理方式
<b>拾音器無訊號</b>	1. 電池耗盡 (主動式款式) 2. 音量旋鈕關閉 3. 電子零件損壞	1. 更換電池 2. 確保音量旋鈕轉至最大 3. 聯繫售後服務點檢修

故障描述	可能原因	處理方式
<b>顫音系統回彈卡滯</b>	1. 顫音彈簧張力失衡	1. 調節琴體背板顫音彈簧螺絲

獲取更多最新消息: 公眾號 QR Code @Mojolnir 顯示: 抖音 B站 小紅書 IG YouTube

## TROUBLESHOOTING AND EMERGENCY PROCEDURES

問題現象	可能原因	解決方案
<b>演奏時出現雜音</b>	1. 琴頸彎曲或琴橋調節錯誤 2. 電路部分氧化	1. 按照手冊自查或諮詢專業技師保養 2. 使用精密電路清潔劑清潔

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## TROUBLESHOOTING AND EMERGENCY PROCEDURES

故障描述	可能原因	處理方式
<b>演奏時出現雜音</b>	1. 琴頸彎曲或琴橋調節不當 2. 電子零件氧化	1. 依據手冊進行自查或洽詢專業技師保養 2. 使用精密電路清潔劑進行清潔



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# MOJOLNIR ELECTRIC GUITAR / BASS USER & MAINTENANCE MANUAL

## Mojolnir电吉他/贝斯使用及保养手册

MOJOLNIR ELECTRIC GUITAR / BASS USER & MAINTENANCE MANUAL

### 一、日常使用注意事项

#### 环境控制

温湿度：避免将乐器暴露在极端温湿度环境中（如空调出风口、暖气设备附近、阳光直射处）。建议存放环境温度保持在40%-60%，温度15-25℃。

#### 存放方式

使用琴架或琴盒存放，注意防尘。

#### 演奏习惯

演奏后及时用干布擦拭琴弦与金属部件，避免汗液、油脂腐蚀金属部件，避免剧烈震动或碰撞，防止琴身漆面因外力刮擦受损。

### 二、清洁与保养建议

#### 琴身清洁

使用柔软棉布或麂皮布沾取少量专用琴体保养产品擦拭表面污渍。

#### 琴颈与指板维护

玫瑰木、乌木等无漆指板可涂漆专用指板保养产品，枫木等有漆指板仅需干布清洁。

#### 品丝保养

用金属抛光块或除锈剂去除表面锈迹再擦亮（需用胶布保护指板），保持光泽并减少琴弦磨损。

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TROUBLESHOOTING AND EMERGENCY PROCEDURES		
问题现象	可能原因	解决方案
<b>演奏时出现杂音</b>	1. 琴颈弯曲或琴桥调节错误。 <p>2. 电路部分氧化。</p>	1. 按照手册自查或咨询专业技术师保养。 <p>2. 使用精密电路清洁剂清洁。</p>

了解更多 最新资讯： 公众号 二维码 @Mojolnir图标： 抖音 B站 小红书 ins YouTube

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### 贝斯专用功能说明

(针对主动电路型号)

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# MOJOLNIR ELECTRIC GUITAR / BASS USER & MAINTENANCE MANUAL

## Mojolnir 电吉他/贝斯 使用與保養手冊

MOJOLNIR ELECTRIC GUITAR / BASS USER & MAINTENANCE MANUAL

### 一、日常使用注意事项

#### 环境控制

温湿度：避免将乐器暴露在极端温湿度环境中（如空调出风口、暖气设备附近、阳光直射处）。建议存放环境温度保持在 40%-60%，温度保持在 15-25℃。

#### 存放方式

使用琴架或琴盒存放，注意防尘。

#### 演奏习惯

演奏後及時用乾布擦拭琴弦與金屬部件，避免汗液、油脂腐蝕金屬部件，避免劇烈震動或碰撞，防止琴身漆面因外力刮擦受損。

### 二、清潔與保養建議

#### 琴身清潔

使用柔軟棉布或麂皮布沾取少量專用琴體保養產品擦拭表面污漬。

#### 琴頸與指板維護

玫瑰木、烏木等無漆指板可塗抹專用指板保養產品，楓木等有漆指板僅需乾布清潔。

#### 品絲保養

用金屬拋光塊或除銹劑去除表面銹跡再擦亮（需用膠布保護指板），保持光澤並減少琴弦磨損。

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### 貝斯專用功能說明

(針對主動電路型號)

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# MOJOLNIR ELECTRIC GUITAR / BASS USER & MAINTENANCE MANUAL

## I. Daily Use Precautions

### Temperature and Humidity

Avoid exposing the instrument to extreme temperature and humidity environments (e.g., air conditioning vents, near heating equipment, direct sunlight). Recommended storage environment humidity should be maintained at 40%-60%, and temperature at 15-25°C (59-77°F).

### Storage Method

Store the instrument using a guitar stand or case, and ensure dust protection.

## Playing Habits

Immediately wipe the strings and metal components with a dry cloth after playing to prevent sweat and grease from corroding metal parts. Avoid severe vibration or collision to prevent the body's finish from being easily scratched or damaged by external forces.

## II. Cleaning and Maintenance Suggestions

### Body Cleaning

Use a soft cotton cloth or suede cloth with a small amount of dedicated body care product to wipe off surface stains.

### Neck and Fretboard Maintenance

Unfinished fretboards (such as Rosewood or Ebony) may be treated with a dedicated fretboard conditioning product. Finished fretboards (such as Maple) only require cleaning with a dry cloth.

### Fret Care

Use a metal polishing block or rust remover to remove surface rust and polish the frets (ensure the fretboard is protected with tape) to maintain luster and reduce string wear.

## Bridge and Nut Treatment

Use a soft-bristled toothbrush to clean accumulated dirt in the bridge saddles/grooves to ensure smooth string vibration.

## Electronic Component Maintenance

**Pickups:** Wipe the casing with a cloth; avoid liquid seeping into the internal circuitry.  
**Knobs and Switches:** If static or crackling noise occurs, use a dedicated circuit cleaning spray on the circuit parts.

## III. Regular Maintenance Items

### String Replacement

It is recommended to replace strings every 1-2 months (adjust frequency based on usage). When replacing strings, be careful to avoid the strings scratching the instrument body.

### Professional Setup

A deep maintenance setup is recommended every six months, preferably performed by an authorized service center, to ensure optimal playing condition.

## IV. Safety Warning

### Shipping and Carrying

In environments with extreme temperature differences, be mindful of and clean any condensation (water mist) that forms.

### Battery Management

If the instrument is equipped with active pickups or active circuitry, unplug the cable when not in use to extend battery life. If the instrument is not used for a prolonged period, remove the battery to prevent leakage and circuit corrosion.

## Function Usage and Practical Operation

### Body Control Panel

#### ① Volume Knob

**Function:** Controls the overall output volume. Rotate clockwise to increase volume, counter-clockwise to decrease it to mute.

**Technique:** Rapidly turning the knob to zero can achieve a "kill switch" or mute effect, suitable for live performance.

#### ② Tone Knob

**Function:** Adjusts high-frequency roll-off (attenuation). Clockwise rotation preserves a brighter tone, while counter-clockwise rotation cuts down the high frequencies.

**Technique:** Appropriately rolling back the tone knob can achieve a warmer, more vintage sound.

#### ③ Pickup Selector Switch

**Function:** Appropriately rolling back the tone knob can achieve a warmer, more vintage sound.

### Output Jack

#### Connection Method:

Use a 6.35mm guitar cable (TS Tip-Sleeve unbalanced cable) to connect to an amplifier or effect pedal. You should hear a "click" sound when the plug is fully inserted and locked.

### Anti-Noise Design:

Gold-plated contacts inside the jack reduce signal loss. Please grip the plug firmly when inserting or removing it to avoid shaking.

### Tremolo System (Equipped on some models)

**Function:** Changes the bridge tension by rocking the whammy bar to create a vibrato/tremolo effect.

### Calibration Steps:

Loosen the tremolo arm screw and insert the bar until the threads are fully engaged (some models are push-in type and do not require thread alignment). Adjust the tension of the springs on the back plate of the guitar body (refer to the diagram in the manual) to balance the string tension with the spring return force.

## Bass-Specific Functions (For Active Circuit Models)

### Active Circuit Control Module

#### ① Battery Compartment:

Located on the back of the body, uses a 9V block battery. **Unplug the instrument cable when not in use to extend battery life. For long-term storage, remove the battery to prevent leakage and circuit corrosion.**

#### ② Three-Band Equalizer Knobs (Bass/Mid/Treble)

Clockwise rotation boosts the corresponding frequency band; counter-clockwise rotation cuts (attenuates) the corresponding frequency band. The center position of the knob is the neutral/flat position (no boost/cut). The potentiometers are designed with a center detent.

### Advanced Operation and Tone Adjustment pickup Height Adjustment

#### Tool: Phillips screwdriver

### Steps:

Adjust the screws on both sides of the pickup. Raising the height achieves higher output. Lowering the height achieves a more vintage, dynamic tone. **Warning:** If the pickup height is too high, it may interfere with the string vibration and negatively affect the tone.

### Neck Relief Micro-Adjustment (Truss Rod)

#### Adjustment Logic:

**Increase Neck Bow (Forward Bow/Relief):** Turn the adjustment nut counter-clockwise to loosen the truss rod.

**Decrease Neck Bow (Back Bow/Less Relief):** Turn the adjustment nut clockwise to tighten the truss rod.

### Safety Tip:

**Note:** All Mojolnir products are adjusted to optimal condition before leaving the factory. Non-professional users are advised to contact after-sales service or seek adjustment from a legally authorized dealer.

# MOJOLNIR ELECTRIC GUITAR / BASS USER & MAINTENANCE MANUAL

## I. Daily Use Precautions

### Environmental Control (Temp and Humidity)

Heng (Avoid lah) Don't expose the instrument to extreme temp and humidity, can or not? (Like near the air vents, heater, or direct sunlight.) Must keep the storage humidity between 40%-60%, and temperature at 15-25°C (59-77°F). Don't play play.

### Storage Method

Keep the instrument in a guitar stand or case, and must make sure got dust protection.

## Playing Habits

After playing, confirm wipe the strings and metal parts with a dry cloth immediately. This one to prevent sweat and oil from corroding the metal. Don't bang or shake the instrument too much, otherwise the body finish can get scratched or damaged easily by force.

## II. Cleaning and Maintenance Suggestions

### Body Cleaning

Use a soft cotton or suede cloth with a little bit of dedicated body care product to wipe away surface stains.

### Neck and Fretboard Maintenance

No finish fretboards (like Rosewood or Ebony) can put on dedicated conditioning product. Got finish fretboards (like Maple) just need to wipe with a dry cloth, can already.

### Fret Care

Use a metal polishing block or rust remover to take out surface rust, then polish until shiny (must use tape to protect the fretboard, ah). This one to maintain the shine and lessen string wear.

## Bridge and Nut Treatment

Use a soft-bristled toothbrush to clean the dirt stuck in the bridge saddles/grooves. Confirm smooth string vibration.

## Electronic Component Maintenance

**Pickups:** Wipe the casing with a cloth; don't let liquid seep into the circuit inside.

**Knobs and Switches:** If got static or crackling noise, can spray the circuit part with a dedicated circuit cleaning spray.

## III. Regular Maintenance Items

### String Replacement

Suggest change strings every 1-2 months (adjust the frequency based on how often you play, lah). When changing strings, be careful not to let the strings scratch the instrument body.

### Professional Setup

Recommend getting a deep maintenance setup every six months. Best to let an authorized service center do it, to ensure the instrument is in tip-top playing condition.

## IV. Safety Warning

### Shipping and Carrying

When the temperature difference is very big, must look out for and clean any condensation (water mist) that appears.

### Battery Management

If the instrument got active pickups or active circuitry, pull out the cable when not in use. This helps to make the battery last longer. If you don't use it for a long time, must take out the battery to prevent leakage and circuit corrosion, don't forget!

## Function Usage and Practical Operation

### Body Control Panel

#### ① Volume Knob

**Function:** Controls the overall output volume, lah. Turn clockwise to pump up the volume; anti-clockwise to bring it down to mute.

**Technique:** You can rapid-fire turn the knob to zero to get a "kill switch" or mute effect—good for your live gigs.

#### ② Tone Knob

**Function:** Adjusts the high-frequency roll-off (that's attenuation, you know). Clockwise keeps the tone bright, while anti-clockwise cuts down the high frequencies.

**Technique:** Roll back the tone knob a bit for a warmer, more old-school vintage sound, can or not?

#### ③ Pickup Selector Switch

**Function:** Switches between different pickup combos for more tone options. Ah, but the switching modes are a bit different depending on the model, so check your specific specs!

### Output Jack

#### Connection Method:

Use a 6.35mm guitar cable (TS Tip-Sleeve unbalanced cable) to connect to an amplifier or effect pedal. You should hear a "click" sound when the plug is fully inserted and locked.

### Anti-Noise Design:

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### Active Circuit Control Module

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### Safety Tip:

**Note:** All Mojolnir products are adjusted to optimal condition before leaving the factory. Non-professional users are advised to contact after-sales service or seek adjustment from a legally authorized dealer.

## TROUBLESHOOTING AND EMERGENCY PROCEDURES

Symptom	Possible Cause	Solution
<b>Noise</b>	1. Incorrect neck relief or bridge adjustment 2. Oxidation in the electronic circuit	1. Self-checking the manual or consult a professional technician for maintenance. 2. Use a precision electrical contact cleaner to clean the circuit.

Symptom	Possible Cause	Solution
<b>No Signal from Pickup</b>	1. Depleted Battery (Active Models) 2. Volume knob is off/down 3. Damaged Circuitry	1. Replace the battery 2. Ensure the Volume Knob is turned up to maximum 3. Contact after-sales service for inspection/repair

Symptom	Possible Cause	Solution
<b>Tremolo Arm Sticking/Stuttering</b>	1. Spring Tension Imbalance	1. Adjust the spring tension screws on the guitar's backplate

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Symptom	Possible Cause	Solution
<b>Tremolo Arm Sticking/Stuttering</b>	1. Spring Tension Imbalance	1. Adjust the spring tension screws on the guitar's backplate

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# Mojolnir エレクトリックギター/ベース ユーザー&メンテナンスマニュアル

#### I. 日常使用上の注意(Daily Use Precautions)

**温度と湿度(Temperature and Humidity)**
極端な温度や湿度の環境 (例: エアコンの吹き出し口, 暖房器具の近く, 直射日光) に楽器をさらすことを避けてください。推奨される保管環境の湿度は40%~60%、湿度は\*\*15~25°C(59-77°F)\*\*に保ってください。

#### 保管方法(Storage Method)

頭はギタースタンドまたはケースを使用して保管し、埃から保護するようにしてください。

#### 演奏習慣(Playing Habits)

演奏後はすぐに乾いた布で弦と金属部品を拭き、汗や皮脂による金属部品の腐食を防いでください。激しい振動や衝突を避け、ボディの仕上げが簡単に傷ついたり、外力によって損傷したりするのを防いでください。

#### II. クリーニングとメンテナンスの提案 (Cleaning and Maintenance Suggestions)

##### ボディのクリーニング (Body Cleaning)

柔らかい綿布またはスエード布に少量の専用ボディケア製品を付けて、表面の汚れを拭き取ってください。

#### ネックと指板のメンテナンス (Neck and Fretboard Maintenance)

無塗装の指板 (例: ローズウッドやエボニー) は、専用の指板コンディショニング製品で手入れをすることができます。塗装された指板 (例:メイプル) は、乾いた布で拭くだけで十分です。

#### フレットの手入れ (Fret Care)

金属研磨ブロックまたは繊取り刷毛を使用して、表面の錆を取り除き、フレットを磨く (指板をテープで保護することを忘れないでください) ことで、光沢を保ち、弦の摩耗を減らします。

## 機能の使用方法和実務的な操作

#### ボディ・コントロール・パネル (Body Control Panel)

##### ① ボリューム・ノブ (Volume Knob)

**機能:** 全体の出力音量をコントロールします。時計回りに回すと音量が大きくなり、反時計回りに回すと音量が小さくなり、最終的にミュートになります。
**テクニック:** プを急早くゼロに回すことで、ライブ演奏に適した「キルスイッチ」またはミュート効果を得ることができます。

##### ② トーン・ノブ (Tone Knob)

**機能:** A高音域のロールオフ (減衰) を調整します。時計回りに回すと明るいつーンが保たれ、反時計回りに回すと高音域がカットされます。
**テクニック:** トーン・ノブを適切に絞る (ロールバックする) ことで、より温かみのある、ヴィンテージなサウンドを実現できます。

#### ③ ピックアップ・セレクター・スイッチ (Pickup Selector Switch)

**機能:** 注: このセクションの機能の説明が原文で②トーン・ノブの説明と重複しています。適時は「使用するピックアップを選択する」機能です。)

#### アウトプット・ジャック (Output Jack)

**接続方法:** 6.35mmのギターケーブル (TSチップ・スリーブ、アンバランスケーブル) を使用してアンプやエフェクトペダルに接続します。プラグを完全に挿入しロックされたときに「カチッ」という音が聞こえるはずす。

#### 耐ノイズ設計:

ジャック内部の金メッキ接点が増号損失を低減します。挿入または取り外しを行う際は、プラグをしっかり握り、揺れを避けてください。

#### トレモロ・システム (Tremolo System) (一部モデルに搭載)

**機能:** アーム (ホワイマー・バー) を揺らすことでブリッジの張力を変化させ、ビブラート/トレモロ効果を生み出します。

#### 調整手順:

トレモロアームのネジを緩め、ネジ山が完全に噛み合うまでバーを挿入します (一部のモデルはアッシュインクタイプで、ネジ山合わせは不要です)。ギター本体の裏側にあるプレートのバネの張力を調整し (マニュアルの図を

## ベース固有の機能

(アクティブ回路モデル向け)

参照)。弦の張力とバネの戻り力のバランスを取ります。

#### アクティブ回路コントロールモジュール (Active Circuit Control Module)

##### ① バッテリーコンパートメント:

ボディの裏側にあり、9V角形電池を使用します。**電池寿命を延ばすために、使用しないときは楽器ケーブルを抜いてください。長期保管の際は、液漏れや回路の腐食を防ぐためにバッテリーを取り外してください。**

##### ② 3バンド・イコライザー・ノブ (Bass/Mid/Treble)

時計回りに回すと対応する周波数帯域がブースト (増強) されます。反時計回りに回すと対応する周波数帯域がカット (減衰) されます。ノブの中央位置がニュートラル/フラットな位置 (ブースト/カットなし) です。ポテンシオメーターはセンタークリック (中央位置でカチッと止まる) が設計されています。

#### 高度な操作とトーン調整 (Advanced Operation and Tone Adjustment)

##### ピックアップの高さ調整 (Pickup Height Adjustment)

**工具:** プラスドライバー

#### 手順:

ピックアップの両側にあるネジを調整します。高さを上げると、より高い出力が得られます。高さを下げると、よりヴィンテージでダイナミックなトーンが得られます。警告: ピックアップの高さが高すぎると、弦の振動を妨げ、トーンに悪影響を及ぼす可能性があります。

#### ネックの反り軽減装置 (トラスロッド) (Neck Relief Micro-Adjustment (Truss Rod))

##### 調整ロジック:

順反り (ネックの弓なり) を増やす: 調整ナットを反時計回りに回してトラスロッドを緩めます。
**逆反り (ネックの反りが少ない状態) を減らす:** 調整ナットを時計回りに回してトラスロッドを締めます。

#### 安全上のヒント:

**注:** すべてのMojolnir製品は工場出荷前に最適な状態に調整されています。非専門家による調整は、アフターサービスに問い合わせるか、正規販売店での調整を依頼することをお勧めします。

# Mojolnir イレクトリク ギター/ベース ユーザー 및 관리 매뉴얼

#### I. 일상 사용 시 주의 사항 (Daily Use Precautions)

**온도 및 습도 (Temperature and Humidity)**
악기 특국한의 온도 및 습도 환경(예: 에어컨 통풍구, 난방 장치 근처, 직사광선)에 노출시키지 마십시오. 권장되는 보관 환경 습도는 40%~60%, 온도는 \*\*15-25°C(59-77°F)\*\*로 유지해야 합니다.

#### 보관 방법 (Storage Method)

악기를 기타 스탠드나 케이스를 사용하여 보관하고, 먼지로부터 보호해 주세요.

#### 연주 습관 (Playing Habits)

연주 후에는 땀과 유분이 금속 부품을 부식시키는 것을 방지하기 위해 즉시 마른 천으로 줄과 금속 부품을 닦아주세요. 심한 진동이나 충격을 피해 외부 충격으로 인해 바디 마감이 쉽게 긁히거나 손상되는 것을 방지하십시오.

#### II. 청소 및 유지보수 제안 (Cleaning and Maintenance Suggestions)

##### 바디 청소 (Body Cleaning)

부드러운 먼 천이나 스웨이드 천에 소량의 전용 바디 관리 제품을 사용하여 표면의 얼룩을 닦아냅니다.

#### 넥 및 지판 관리 (Neck and Fretboard Maintenance)

악기에 액티브 픽업이나 액티브 피로가 장착된 경우, 사용하지 않을 때는 케이블을 분리하여 배터리 수명을 연장하십시오. 악기를 장기간 사용하지 않을 경우, 누액 및 피로 부식을 방지하기 위해 배터리를 제거하십시오.

#### 프렛 관리 (Fret Care)

금속 광택 불룩이나 녹 제거제를 사용하여 표면 녹을 제거하고 프렛을 광택 내어 (지판을 테이프로 보호했는지 확인) 광택을 유지하고 줄 마모를 줄입니다.This one to maintain the shine and lessen string wear.

##### 브릿지 및 너트 처리 (Bridge and Nut Treatment)

부드러운 칫솔을 사용하여 브릿지 새들/육에 쌓인

## 기능 사용 및 실제 작동

증상

예상되는 원인

해결책

증상

예상되는 원인

해결책

#### ① 배터리 수납부:

바디 뒷면에 위치하며, 9V 사각 배터리를 사용 합니다.
**사용하지 않을 때는 악기 케이블을 분리하여 배터리 수명을 연장하세요.**장기간 보관 시에는 누액 및 피로 부식을 방지하기 위해 배터리를 제거하십시오.

#### ② 3밴드 이퀄라이저 노브 (Bass/Mid/Treble)

시계 방향으로 돌리면 해당 주파수 대역이 \*\*부스트(증폭)\*\*됩니다.반시계 방향으로 돌리면 해당 주파수 대역이 \*\*컷(감쇠)\*\*됩니다.노브의 중앙 위치는 중립/플랫 위치(부스트/컷없음)이며, 포텐서미터는 센터 디텐트(중앙 걸림)가 설계되어 있습니다.

#### 고급 조작 및 톤 조정 (Advanced Operation and Tone Adjustment)

**픽업 높이 조정 (Pickup Height Adjustmnt)**
도구:집자 드라이버

단계:
픽업 양쪽에 있는 나사를 조정합니다.높이를 올리면 더 높은 출력을 얻습니다.높이를 낮추면 더 낮아지고 다이내믹한 톤을 얻습니다.경고: 픽업 높이가 너무 높으면 줄 진동을 방해하고 톤에 부정적인 영향을 줄 수 있습니다.

**넥 릴리프 미세 조정 (트러스로드) (Neck Relief Micro-Adjustment (Truss Rod))**
**조정 논리:**
**넥 릴 중가 (순/릴리프):**조정 너트를 반시계 방향으로 돌려 트러스로드를 푼다.
**넥 릴 감소 (역/릴리프 감소):**조정 너트를 시계 방향으로 돌려 트러스로드를 조입니다.

##### 안전 수칙:

**참고:** 모든 Mojolnir 제품은 출고 전에 최적의 상태로 조정됩니다. 비전문 사용자는 애프터 서비스에 문의하거나 법적으로 승인된 딜러에게 조정을 의뢰하는 것이 좋습니다.

#### 조정 단계:

트레몰로 암 나사를 풀고 나사산이 완전히 맞물릴 때까지 암을 삽입 합니다 (일부 모델은 푸시인 타입이며 나사산 정렬이 필요하지 않습니다).기타 바디 뒷면 플레이트의 스프링 장력을 조정하여 (매뉴얼의 도표 참조) 줄 장력과 스프링 복원력의 균형을 맞춥니다.

**액티브 회로 컨트롤 모듈 (Active Circuit Control Module)**

증상

예상되는 원인

해결책

증상

예상되는 원인

해결책

증상

예상되는 원인

해결책

## 베이스 고유 기능 (액티브 회로 모델용)

#### ① 배터리 수납부:

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**넥 릴 중가 (순/릴리프):**조정 너트를 반시계 방향으로 돌려 트러스로드를 푼다.
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# トラブルシューティングと緊急時の手順

症状	考えられる原因	解決策
<b>ノイズ</b>	1. ネックの反りやブリッジの調整が不適切 <p>2. 電子回路の酸化</p>	1.マニュアルを使用してセッティングを行うか、専門技術者に相談してメンテナンスを依頼してください。 <p>2. 精密電気器具クリーナーを使用して回路を清掃してください。</p>

さらに詳しく&最新ニュース: 公式アカウント (WeChat) (QRコード) @Mojolnir (Douyinのアイコン) Douyin Bilibili Xiaohongshu Instagram YouTube



As we do not have colleagues proficient in the local language, all language translations are handled by Gemini. If you encounter any issues, please inform us via our official social media channels. Your contribution is important to us, thank you!

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# 문제 해결 및 긴급 조치

증상	예상되는 원인	해결책
<b>노이즈</b>	1. 부적절한 넥 릴리프 또는 브릿지 조정 <p>2. 전자 회로의 산화</p>	1. 매뉴얼을 사용하여 세팅하거나 전문 기술자에게 문의하여 유지보수를 받으십시오. <p>2. 정밀 전기 접점 세정제를 사용하여 회로를 청소하십시오.</p>



더 알아보기 및 최신 소식: 공식 계정 (위챗/WeChat) (QR 코드) @Mojolnir (더우인/Douyin 아이콘) Douyin (더우인) Bilibili Xiaohongshu Instagram YouTube



# MANUAL PENGGUNA & PENYELENGGARAAN GITAR ELEKTRIK / BES MOJOLNIR

## I. Langkah Berjaga-jaga Penggunaan Harian (Daily Use Precautions)

**Suhu dan Kelembapan (Temperature and Humidity)** Elakkan mendedahkan instrumen kepada persekitaran suhu dan kelembapan yang melampau (contohnya, lubang penghawa dingin, berhampiran peralatan pemanas, cahaya matahari langsung). Kelembapan persekitaran penyimpanan yang disyorkan hendaklah dikekalkan pada 40%-60%, dan suhu pada 15-25°C (59-77°F).

## Kaedah Penyimpanan(Storage Method)

Simpan instrumen menggunakan dilina gitar atau sarung, dan pastikan perlindungan daripada habuk.

## Tabiat Bermain(Playing Habits)

Segera lap tali dan komponen logam dengan kain kering selepas bermain untuk mengelakkan peluh dan gris daripada menghidus bahagian logam. Elakkan getaran atau perlanggaran yang teruk untuk mengelakkan kemasaman badan mudah tercalar atau rosak oleh daya luaran.

## II. Cadangan Pembersihan dan Penyelenggaraan (Cleaning and Maintenance Suggestions)

**Pembersihan Badan(Body Cleaning)** Gunakan kain kapas lembut atau kain suede dengan sedikit produk penjagaan badan khusus untuk mengelap kotoran permukaan.

## Penyelenggaraan Leher dan Papan Jari (Neck and Fretboard Maintenance)

Papan jari yang tidak slip (seperti Rosewood atau Ebony) boleh dirawat dengan produk pengkondisian papan jari khusus. Papan jari yang slip (seperti Maple) hanya memerlukan pembersihan dengan kain kering.

## Penjagaan Fret(Fret Care)

Gunakan blok pengilat logam atau penghilang karat untuk menghilangkan karat permukaan dan menggilap fret (pastikan papan jari dilindungi dengan pita) untuk mengekalkan kilauan dan mengurangkan haus tali.

## Rawatan Kekuda dan Nut(Bridge and Nut Treatment)

Gunakan berus gigi berbulu lembut untuk membersihkan kotoran terkumpul pada pelana/alur kekuda untuk memastikan getaran tali yang lancar.

## Penyelenggaraan Komponen Elektronik (Electronic Component Maintenance)

**Penderia:** Lap casing dengan kain; elakkan cecair meresap ke dalam litar dalaman.

**Tombol dan Suis:** Jika bunyi statik atau berderak berlaku, gunakan semburan pembersih litar khusus pada bahagian litar.

## III. Item Penyelenggaraan Berkala (Regular Maintenance Items)

### Penggantian Tali (String Replacement)

Adalah disyorkan untuk mengganti tali setiap 1-2 bulan (laraskan kekerapan berdasarkan penggunaan). Apabila mengganti tali, berhati-hati untuk mengelakkan tali mencalarakan badan instrumen.

### Persediaan Profesional(Professional Setup)

Persediaan penyelenggaraan mendalam disyorkan setiap enam bulan, sebaik-baiknya dilakukan oleh pusat servis yang sah, untuk memastikan keadaan bermain yang optimum.

### IV. Amaran Keselamatan (Safety Warning)

#### Penghantaran dan Pembawaan (Shipping and Carrying)

Dalam persekitaran dengan perbezaan suhunya yang melampau, berhati-hati dan bersihkan sebarang pemeluwapan (kabus air) yang terbentuk.

#### Pengurusan Bateri (Battery Management)

Jika instrumen dilengkapi dengan penderia aktif atau litar aktif, cabut kabel apabila tidak digunakan untuk memanjangkan hayat bateri. Jika instrumen tidak digunakan untuk tempoh yang lama, keluarkan bateri untuk mengelakkan kebocoran dan kakisian litar.

## Penggunaan Fungsi dan Operasi Praktikal

### Panel Kawalan Badan(Body Control Panel)

#### ① Tombol Kelantangan (Volume Knob)

**Fungsi:** Mengawal kelantangan keluaran keseluruhan. Putar mengikut arah jam untuk meningkatkan kelantangan, lawan arah jam untuk mengurangkannya hingga senyap (mute).

**Teknik:** Memusing tombol dengan pantas kepada sfar boleh mencapai kesan "suis bunuh" (kill switch) atau senyap, sesuai untuk persembahan langsung.

#### ② Tombol Nada (Tone Knob)

**Fungsi:** Melaraskan roll-off frekuensi tinggi (pelemahan). Putar mengikut arah jam mengekalkan nada yang lebih terang, manakala putaran lawan arah jam mengurangkan frekuensi tinggi.

**Teknik:** Memusing tombol nada ke belakang sedikit dengan sewajarnya boleh mencapai bunyi yang lebih hangat dan vintage.

#### ③ Suis Pemilih Penderia (Pickup Selector Switch)

**Fungsi:** Memilih kombinasi penderia yang aktif. Sila rujuk manual model khusus untuk fungsi posisi suis.

## Fungsi Khusus Bes (Untuk Model Litar Aktif)

### Modul Kawalan Litar Aktif(Active Circuit Control Module)

#### ① Petak Bateri(Battery Compartment):

Terletak di bahagian belakang badan, menggunakan bateri blok 9V. **Cabut kabel instrumen apabila tidak digunakan untuk memanjangkan hayat bateri. Untuk penyimpanan jangka panjang, keluarkan bateri untuk mengelakkan kebocoran dan kakisian litar.**

#### ② Tombol Penyamaan Tiga Jalur - Bes/Pertengahan/Trebel (Bass/Mid/Treble):

Putaran mengikut arah jam meningkatkan jalur frekuensi yang sepadan; putaran lawan arah jam mengurangkan (melemahkan) jalur frekuensi yang sepadan. Kedudukan tengah tombol adalah kedudukan neutral/flat (tiada peningkatan/pengurangan). Potensiometer direka bentuk dengan center detent (hentilan tengah).

#### Operasi Lanjutan dan Pelarasan Nada (Advanced Operation and Tone Adjustment)

**Pickup Height Adjustment (Pickup Height Adjustment)** Alat: Pemutar skru Phillips

#### Langkah-langkah:

Laraskan skru pada kedua-dua belah penderia. Naikkan ketinggian mencapai keluaran yang lebih tinggi. Menurunkan ketinggian mencapai nada yang lebih vintage dan dinamik. **Warning (Amaran):** Jika ketinggian penderia terlalu tinggi, ia mungkin mengganggu getaran tali dan menjejaskan nada secara negatif.

#### Pelarasan Mikro Lengkungan Leher - Rod Kekuda(Neck Relief Micro-Adjustment (Truss Rod))

**Logik Pelarasan:** Meningkatkan Lengkungan Leher(Forward Bow/Relief): Putar nat pelarasan lawan arah jam untuk melonggarkan rod kekuda.

**Mengurangkan Lengkungan Leher (Back Bow/Less Relief):** Putar nat pelarasan mengikut arah jam untuk mengetatkan rod kekuda.

#### Petua Keselamatan:

**Nota:** Semua produk Mojolnir dilaraskan kepada keadaan optimum sebelum meninggalkan kilang. Pengguna bukan profesional dinasihatkan untuk menghubungi perkhidmatan selepas jualan atau mendapatkan pelarasan daripada pengedar yang diberi kuasa secara sah.

Simptom	Punca Yang Mungkin	Penyelesaian
Tiada Isyarat daripada Penderia	1. Bateri habis (Model Aktif). 2. Tombol Kelantangan dimatikan/dikecilkan. 3. Litar rosak.	1. Gantikan bateri. 2. Pastikan Tombol Kelantangan diputar hingga maksimum. 3. Hubungi perkhidmatan selepas jualan untuk pemeriksaan/perbaikan.

Simptom	Punca Yang Mungkin	Penyelesaian
Lengan Tremolo Melekat/Tersangkut	1. Ketidakeimbangan Tegangan Spring.	1. Laraskan skru tegangan spring pada plat belakang gitar.

# MANUAL PENGGUNA & PEMELIHARAAN GITAR/BASSELEKTRIK MOJOLNIR

## I. Tindakan Pencegahan Penggunaan Harian(Daily Use Precautions)

**Suhu dan Kelembapan (Temperature and Humidity)** Hindari memaparkan instrumen ke lingkungan suhu dan kelembapan ekstrem (misalnya, ventilasi A/C, dekat peralatan pemanas, sinar matahari langsung). Kelembapan lingkungan penyimpanan yang disarankan harus dijaga pada 40%-60%, dan suhu pada 15-25°C (59-77°F).

## Metode Penyimpanan(Storage Method)

Simpan instrumen menggunakan stand gitar atau case, dan pastikan perlindungan dari debu.

## Kebiasaan Bermain(Playing Habits)

Segera lap senar dan komponen logam dengan kain kering setelah bermain untuk mencegah keringat dan minyak mengkilis bagian logam. Hindari getaran atau benturan parah untuk mencegah finish badan mudah tergores atau rusak oleh gaya eksternal.

## II. Saran Pembersihan dan Perawatan (Cleaning and Maintenance Suggestions)

**Pembersihan Badan(Body Cleaning)** Gunakan kain katun lembut atau kain suede dengan sedikit produk perawatan badan khusus untuk menyeka noda permukaan.

## Perawatan Leher dan Papan Jari (Neck and Fretboard Maintenance)

Papan jari yang belum selesai (unfinished fretboards) (seperti Rosewood atau Ebony) dapat dirawat dengan produk pengkondisi papan jari khusus. Papan jari yang sudah selesai (finished fretboards) (seperti Maple) hanya memerlukan pembersihan dengan kain kering.

## Perawatan Fret(Fret Care)

Gunakan balok pemoles logam atau penghilang karat untuk menghilangkan karat permukaan dan memoles fret (pastikan papan jari dilindungi dengan selotip) untuk menjaga kilau dan mengurangi keausan senar.

## Perawatan Bridge dan Nut(Bridge and Nut Treatment)

Gunakan sikat gigi berbulu lembut untuk membersihkan kotoran yang menumpuk di saddle/alur bridge untuk memastikan getaran senar yang mulus.

## Perawatan Komponen Elektronik (Electronic Component Maintenance)

**Penderia:** Lap casing dengan kain; hindari cairan merembes ke sirkuit internal.

**Tombol dan Suis:** Jika terjadi suara statis atau gemerisik (crackling noise), gunakan semprotan pembersih sirkuit khusus pada bagian sirkuit.

## III. Item Perawatan Berkala (Regular Maintenance Items)

### Penggantian Senar(String Replacement)

Disarankan untuk mengganti senar setiap 1-2 bulan (sesuaikan frekuensi berdasarkan penggunaan). Saat mengganti senar, berhati-hatilah untuk menghindari senar menggores badan instrumen.

### Pengaturan Profesional(Professional Setup)

Pengaturan perawatan mendalam (deep maintenance setup) disarankan setiap enam bulan, sebaiknya dilakukan oleh pusat layanan resmi, untuk memastikan kondisi bermain yang optimal.

### IV. Peringatan Keselamatan (Safety Warning)

**Pengiriman dan Pembawaan (Shipping and Carrying)** Dilindungi dengan perbedaan suhu ekstrem, perhatikan dan bersihkan kondensasi (water mist) yang terbentuk.

### Manajemen Baterai(Battery Management)

Jika instrumen dilengkapi dengan pickup aktif atau sirkuit aktif, cabut kabel saat tidak digunakan untuk memperpanjang masa pakai baterai. Jika instrumen tidak digunakan untuk jangka waktu yang lama, lepaskan baterai untuk mencegah kebocoran dan korosi sirkuit.

## Penggunaan Fungsi dan Operasi Praktis

### Panel Kontrol Tubuh(Body Control Panel)

#### ① Tombol Volume(Volume Knob)

Mengontrol volume keluaran keseluruhan. Putar searah jarum jam untuk meningkatkan volume, berlawanan arah jarum jam untuk menurunkannya hingga hening (mute).

**Teknik:** Memutar tombol dengan cepat ke nol dapat mencapai efek "sakelar pemutus" (kill switch) atau hening, cocok untuk pertunjukan langsung.

#### ② Tombol Nada (Tone Knob)

Menyesuaikan roll-off (pelemah) frekuensi tinggi. Putaran searah jarum jam mempertahankan nada yang lebih cerah, sementara putaran berlawanan arah jarum jam memotong (melemahkan) band frekuensi yang sesuai. Posisi tengah tombol adalah posisi netral/flat (tidak ada peningkatan/pemotongan). Potensiometer dirancang dengan center detent (tund tengah).

#### ③ Sakelar Pemilih Pickup(Pickup Selector Switch)

Milih kombinasi pickup yang aktif. (Catatan: Teks asli tampaknya memiliki duplikasi fungsi di sini. Fungsi sebenarnya adalah memilih pickup.)

#### Jack Keluaran (Output Jack)

**Metode Koneksi:** Gunakan kabel gitar 6.35mm (kabel tidak selimbang TS Tip-Sleeve) untuk menyambungkan ke amplifier atau pedal efek. Anda harus mendengar bunyi "klik" saat steker dimasukkan sepenuhnya dan terkunci.

#### Desain Anti-Bising(Anti-Noise Design):

Kontak bertapis emas di dalam jack mengurangi kehilangan sinyal. Harap genggam steker dengan kuat saat memasukkan atau melepasnya untuk menghindari guncangan.

#### Sistem Tremolo - Dilengkapi pada beberapa model(Tremolo System)

**Fungsi:** Mengubah tegangan bridge dengan menggoyangkan bilah whammy untuk mendapatkan efek vibrato/tremolo.

#### Langkah Kalibrasi:

Kendurkan sekrup lengan tremolo dan masukkan bilah hingga ulir terpasang sepenuhnya (beberapa model adalah tipe tekan masuk dan tidak memerlukan penjarangan ulir). Sesuaikan tegangan pegas pada pelat belakang badan gitar (lihat diagram dalam manual) untuk menyeimbangkan tegangan senar dengan gaya pegas kembali.

Gejala	Kemungkinan Penyebab	Solusi
Tidak Ada Sinyal dari Pickup	1. Baterai habis (Model Aktif). 2. Tombol Volume mati/turun. 3. Sirkuit rusak.	1. Ganti baterai. 2. Pastikan Tombol Volume diputar hingga maksimum. 3. Hubungi layanan purna jual untuk pemeriksaan/perbaikan.

Gejala	Kemungkinan Penyebab	Solusi
Lengan Tremolo Macet/Tersendat	1. Ketidakeimbangan Tegangan Pegas.	1. Sesuaikan sekrup legangan pegas pada pelat belakang gitar.

As we do not have colleagues proficient in the local language, all language translations are handled by Gemini. If you encounter any issues, please inform us via our official social media channels. Your contribution is important to us, thank you!

I would like to thank my Malaysian friend, Adam, for his help.

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