

Quick Start Guide

EN

ES

FR

DE

PT

JP

CN



M32R LIVE

Digital Console for Live and Studio with 40 Input Channels, 16 MIDAS PRO Microphone Preamplifiers and 25 Mix Buses and Live Multitrack Recording

MIDAS

EN

Important Safety Instructions



Terminals marked with this symbol carry electrical current of sufficient magnitude to constitute risk of electric shock.

Use only high-quality professional speaker cables with ¼" TS or twist-locking plugs pre-installed. All other installation or modification should be performed only by qualified personnel.



This symbol, wherever it appears, alerts you to the presence of uninsulated dangerous voltage inside the enclosure - voltage that may be sufficient to constitute a risk of shock.



This symbol, wherever it appears, alerts you to important operating and maintenance instructions in the accompanying literature. Please read the manual.



To reduce the risk of electric shock, do not remove the top cover (or the rear section). No user serviceable parts inside. Refer servicing to qualified personnel.



To reduce the risk of fire or electric shock, do not expose this appliance to rain and moisture. The apparatus shall not be exposed to dripping or splashing liquids and no objects filled with liquids, such as vases, shall be placed on the apparatus.



These service instructions are for use by qualified service personnel only. To reduce the risk of electric shock do not perform any servicing other than that contained in the operation instructions. Repairs have to be performed by qualified service personnel.

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.

9. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding-type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.

10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.

11. Use only attachments/accessories specified by the manufacturer.



12. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid

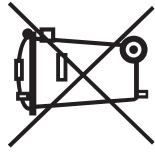
injury from tip-over.

13. Unplug this apparatus during lightning storms or when unused for long periods of time.

14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

15. The apparatus shall be connected to a MAINS socket outlet with a protective earthing connection.

16. Where the MAINS plug or an appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.



17. Correct disposal of this product: This symbol indicates that this product must not be disposed of with household waste, according to the WEEE Directive (2012/19/EU) and your national law. This product should be taken to a collection center licensed for the recycling of waste electrical and electronic equipment (WEEE). The mishandling of this type of waste could have a possible negative impact on the environment and human health due to potentially hazardous substances that are normally associated with WEEE. At the same time,

the correct disposal of your particular model unit into a power socket, please make sure you are using the correct mains voltage for your particular model.

20. Please keep the environmental aspects of battery disposal in mind. Batteries must be disposed-of at a battery collection point.

21. Use this apparatus in tropical and/or moderate climates.

LEGAL DISCLAIMER

MUSIC Tribe accepts no liability for any loss which may be suffered by any person who relies either wholly or in part upon any description, photograph, or statement contained herein. Technical specifications, appearances and other information are subject to change without notice. All trademarks are the property of their respective owners: MIDAS, KLARK TEKNIK, LAB GRUPPEN, LAKE, TANNOY, TURBOSOUND, TC ELECTRONIC, TC HELICON, BEHRINGER, BUGERA and COOLAUDIO are trademarks or registered trademarks of MUSIC Group IP Ltd. © MUSIC Group IP Ltd. 2018 All rights reserved.

LIMITED WARRANTY

For the applicable warranty terms and conditions and additional information regarding MUSIC Tribe's Limited Warranty, please see complete details online at music-group.com/warranty.

EN Important information

1. **Register online.** Please register your new MUSIC Tribe equipment right after you purchase it by visiting midasconsoles.com. Registering your purchase using our simple online form helps us to process your repair claims more quickly and efficiently. Also, read the terms and conditions of our warranty, if applicable.

2. **Malfunction.** Should your MUSIC Tribe Authorized Reseller not be located in your vicinity, you may contact the MUSIC Tribe Authorized Fulfiller for your country listed under "Support" at midasconsoles.com. Should your country not be listed, please check if your problem can be dealt with by our "Online Support" which may also be found under "Support" at midasconsoles.com. Alternatively, please submit an online warranty claim at midasconsoles.com BEFORE returning the product.

3. **Power Connections.** Before plugging the unit into a power socket, please make sure you are using the correct mains voltage for your particular model.

ES Instrucciones de seguridad



Las terminales marcadas con este símbolo transportan corriente eléctrica de magnitud suficiente como para constituir un riesgo de descarga eléctrica. Utilice solo cables de altavoz profesionales y de alta calidad con conectores TS de 6,3 mm o de bayoneta prefijados. Cualquier otra instalación o modificación debe ser realizada únicamente por un técnico cualificado.



Este símbolo, siempre que aparece, le advierte de la presencia de voltaje peligroso sin aislar dentro de la caja; este voltaje puede ser suficiente para constituir un riesgo de descarga.



Este símbolo, siempre que aparece, le advierte sobre instrucciones operativas y de mantenimiento que aparecen en la documentación adjunta. Por favor, lea el manual.



Atención

Para reducir el riesgo de descarga eléctrica, no quite la tapa (o la parte posterior). No hay piezas en el interior del equipo que puedan ser reparadas por el usuario. Si es necesario, póngase en contacto con personal cualificado.



Atención

Para reducir el riesgo de incendio o descarga eléctrica, no exponga este aparato a la lluvia, humedad o alguna otra fuente que pueda salpicar o derramar algún líquido sobre el aparato. No coloque ningún tipo de recipiente para líquidos sobre el aparato.



Atención

Las instrucciones de servicio deben llevarlas a cabo exclusivamente personal cualificado. Para evitar el riesgo de una descarga eléctrica, no realice reparaciones que no se encuentren descritas en el manual de operaciones. Las reparaciones deben ser realizadas exclusivamente por personal cualificado.

1. Lea las instrucciones.

FR Consignes de sécurité



Les points repérés par ce symbole portent une tension électrique suffisante pour constituer un risque d'électrocution.

Utilisez uniquement des câbles d'enceintes professionnels de haute qualité avec fiches Jack mono 6,35 mm ou fiches à verrouillages déjà installées. Toute autre installation ou modification doit être effectuée uniquement par un personnel qualifié.



Ce symbole avertit de la présence d'une tension dangereuse et non isolée à l'intérieur de l'appareil – elle peut provoquer des chocs électriques.



Attention
Ce symbole signale les consignes d'utilisation et d'entre-tien importantes dans la documentation fournie. Lisez les consignes de sécurité du manuel d'utilisation de l'appareil.



Attention
Pour éviter tout risque de choc électrique, ne pas ouvrir le capot de l'appareil ni démonter le panneau arrière. L'intérieur de l'appareil ne possède aucun élément réparable par l'utilisateur. Laisser toute réparation à un professionnel qualifié.



Attention
Pour réduire les risques de feu et de choc électrique, n'exposez pas cet appareil à la pluie, à la moisissure, aux gouttes ou aux ébroussures. Ne posez pas de récipient contenant un liquide sur l'appareil (un vase par exemple).

Attention

Ces consignes de sécurité et d'entretien sont destinées à un personnel qualifié.

Pour éviter tout risque de choc électrique, n'effectuez aucune réparation sur l'appareil qui ne soit décrite par le manuel d'utilisation. Les éventuelles réparations doivent être effectuées uniquement par un technicien spécialisé.

1. Lisez ces consignes.
2. Conservez ces consignes.

9. Ne supprimez jamais la sécurité des prises bipolaires ou des prises terre. Les prises bipolaires possèdent deux contacts de largeur différente. Le plus large est le contact de sécurité. Les prises terre possèdent deux contacts plus une mise à la terre servant de sécurité. Si la prise du bloc d'alimentation ou du cordon d'alimentation fourni ne correspond pas à celles de votre installation électrique, faites appel à un électricien pour effectuer le changement de prise.

10. Installez le cordon d'alimentation de telle façon que personne ne puisse marcher dessus et qu'il soit protégé d'arêtes coupantes. Assurez-vous que le cordon d'alimentation est suffisamment protégé, notamment au niveau de sa prise électrique et de l'endroit où il est relié à l'appareil; cela est également valable pour une éventuelle rallonge électrique.

11. Utilisez exclusivement des accessoires et des appareils supplémentaires recommandés par le fabricant.



12. Utilisez exclusivement des chariots, des diables, des présentoirs, des pieds et des surfaces de travail recommandés par le fabricant ou livrés avec le produit.

Déplacez précautionneusement tout chariot ou diable chargé pour éviter d'éventuelles blessures en cas de chute.

13. Débranchez l'appareil de la tension secteur en cas d'orage ou si l'appareil reste inutilisé pendant une longue période de temps.

14. Les travaux d'entretien de l'appareil doivent être effectués uniquement par du personnel qualifié.

Aucun entretien n'est nécessaire sauf si l'appareil est endommagé de quelque façon que ce soit (dommages sur le cordon d'alimentation ou la prise par exemple), si un liquide ou un objet a pénétré à l'intérieur du châssis, si l'appareil a été exposé à la pluie ou à l'humidité, s'il ne fonctionne pas correctement ou à la suite d'une chute.

15. L'appareil doit être connecté à une prise secteur dotée d'une protection par mise à la terre.

16. La prise électrique ou la prise IEC de tout appareil dénué de bouton marche/arrêt doit rester accessible en permanence.



17. Mise au rebut appropriée de ce produit: Ce symbole indique un accord avec la directive DEEE

d'équipements pour le recyclage, veuillez contacter votre mairie ou votre centre local de collecte des déchets.

18. N'installez pas l'appareil dans un espace confiné tel qu'une bibliothèque ou meuble similaire.

19. Ne placez jamais d'objets enflammés, tels que des bougies allumées, sur l'appareil.

20. Gardez à l'esprit l'impact environnemental lorsque vous mettez des piles au rebut. Les piles usées doivent être déposées dans un point de collecte adapté.

21. Utilisez l'appareil dans un climat tropical et/ou modéré.

DÉNI LÉGAL

MUSIC Tribe ne peut être tenu pour responsable pour toute perte pouvant être subie par toute personne se fiant en partie ou en totalité à toute description, photographie ou affirmation contenue dans ce document. Les caractéristiques, l'apparence et d'autres informations peuvent faire l'objet de modifications sans notification. Toutes les marques appartiennent à leurs propriétaires respectifs: MIDAS, KLARK TEKNIK, LAB GRUPPEN, LAKE, TANNYOY, TURBOSOUND, TC ELECTRONIC, TC HELICON, BEHRINGER, BUGERA et COOLAUDIO sont des marques ou marques déposées de MUSIC Group IP Ltd. © MUSIC Group IP Ltd. 2018 Tous droits réservés.

GARANTIE LIMITÉE

Pour connaître les termes et conditions de garantie applicables, ainsi que les informations supplémentaires et détaillées sur la Garantie Limitée de MUSIC Tribe, consultez le site Internet music-group.com/warranty.

FR Informations importantes

1. **Enregistrez-vous en ligne.** Prenez le temps d'enregistrer votre produit MUSIC Tribe aussi vite que possible sur le site Internet midasonsoles.com. Le fait d'enregistrer le produit en ligne nous permet de gérer les réparations plus rapidement et plus efficacement. Prenez également le temps de lire les termes et conditions de notre garantie.

2. **Dysfonctionnement.** Si vous n'avez pas de revendeur MUSIC Tribe près de chez vous, contactez le distributeur MUSIC Tribe de votre pays : consultez la liste

DE Wichtige Sicherheitshinweise



Vorsicht

Die mit dem Symbol markierten Anschlüsse führen so viel Spannung, dass die Gefahr eines Stromschlags besteht.

Verwenden Sie nur hochwertige, professionelle Lautsprecherkabel mit vorinstallierten 6,35 mm MONO-Klinkensteckern oder Lautsprecherstecker mit Drehverriegelung. Alle anderen Installationen oder Modifikationen sollten nur von qualifiziertem Fachpersonal ausgeführt werden.



Achtung

Um eine Gefährdung durch Stromschlag auszuschiließen, darf die Geräteabdeckung bzw. Geräterückwand nicht abgenommen werden. Im Inneren des Geräts befinden sich keine vom Benutzer reparierbaren Teile. Reparaturarbeiten dürfen nur von qualifiziertem Personal ausgeführt werden.



Achtung

Um eine Gefährdung durch Feuer bzw. Stromschlag auszuschließen, darf dieses Gerät weder Regen oder Feuchtigkeit ausgesetzt werden noch sollten Spritzwasser oder tropfende Flüssigkeiten in das Gerät gelangen können. Stellen Sie keine mit Flüssigkeit gefüllten Gegenstände, wie z. B. Vasen, auf das Gerät.



Achtung

Die Service-Hinweise sind nur durch qualifiziertes Personal zu befolgen. Um eine Gefährdung durch Stromschlag zu vermeiden, führen Sie bitte keinerlei Reparaturen an dem Gerät durch, die nicht in der Bedienungsanleitung beschrieben sind. Reparaturen sind nur von qualifiziertem Fachpersonal durchzuführen.

1. Lesen Sie diese Hinweise.
2. Bewahren Sie diese Hinweise auf.
3. Beachten Sie alle Warnhinweise.
4. Befolgen Sie alle Bedienungshinweise.
5. Bereiten Sie das Gerät nicht in der Nähe von Wasser.

PT Instruções de Segurança Importantes



Aviso!

Terminais marcados com o símbolo carregam corrente elétrica de magnitude suficiente para constituir um risco de choque elétrico. Use apenas cabos de alto-falantes de alta qualidade com plugues TS de ¼" ou plugues com trava de torção pré-instalados. Todas as outras instalações e modificações devem ser efetuadas por pessoas qualificadas.



Este símbolo, onde quer que o encontre, alerta-o para a leitura das instruções de manuseamento que acompanham o equipamento. Por favor leia o manual de instruções.



Atenção

De forma a diminuir o risco de choque eléctrico, não remover a cobertura (ou a secção de trás). Não existem peças substituíveis por parte do utilizador no seu interior. Para esse efeito recorrer a um técnico qualificado.



Atenção

Para reduzir o risco de incêndios ou choques eléctricos o aparelho não deve ser exposto à chuva nem à humidade. Além disso, não deve ser sujeito a salpicos, nem devem ser colocados em cima do aparelho objectos contendo líquidos, tais como jarras.



Atenção

Estas instruções de operação devem ser utilizadas, em exclusivo, por técnicos de assistência qualificados. Para evitar choques eléctricos não proceda a reparações ou intervenções, que não as indicadas nas instruções de operação, salvo se possuir as qualificações necessárias. Para evitar choques eléctricos não proceda a reparações ou intervenções, que não as indicadas nas instruções de operação. Só o deverá fazer se possuir as qualificações necessárias.

1. Leia estas instruções.
2. Guarde estas instruções.
3. Preste atenção a todos os avisos.
4. Siga todas as instruções.

de duas palhetas e um terceiro dente de ligação à terra. A palheta larga ou o terceiro dente são fornecidos para sua segurança. Se a ficha fornecida não encaixar na sua tomada, consulte um electricista para a substituição da tomada obsoleta.

10. Proteja o cabo de alimentação de pisadelas ou apertos, especialmente nas fichas, extensões, e no local de saída da unidade. Certifique-se de que o cabo eléctrico está protegido. Verifique particularmente nas fichas, nos receptáculos e no ponto em que o cabo sai do aparelho.

11. O aparelho tem de estar sempre conectado à rede eléctrica com o condutor de protecção intacto.

12. Se utilizar uma ficha de rede principal ou uma tomada de aparelhos para desligar a unidade de funcionamento, esta deve estar sempre acessível.

13. Utilize apenas ligações/acessórios especificados pelo fabricante.



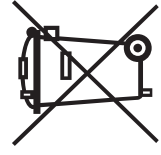
14. Utilize apenas com o carrinho, estrutura, tripé, suporte, ou mesa especificados pelo fabricante ou vendidos com o dispositivo.

Quando utilizar um

carrinho, tenha cuidado ao mover o conjunto carrinho/dispositivo para evitar danos provocados pela terpedação.

15. Desligue este dispositivo durante as trovoadas ou quando não for utilizado durante longos períodos de tempo.

16. Qualquer tipo de reparação deve ser sempre efectuado por pessoal qualificado. É necessária uma reparação sempre que a unidade tiver sido de alguma forma danificada, como por exemplo: no caso do cabo de alimentação ou ficha se encontrarem danificados; na eventualidade de líquido ter sido derramado ou objectos terem caído para dentro do dispositivo; no caso da unidade ter estado exposta à chuva ou à humidade; se esta não funcionar normalmente, ou se tiver caído.



17. Correcta eliminação deste produto: este símbolo indica que o produto não deve ser eliminado juntamente com os resíduos domésticos, segundo a Directiva REEE (2012/19/EU) e a legislação nacional. Este produto deverá ser levado para um centro de recolha licenciado de electricos e electrónicos do equipamento electrónico.

19. Não coloque fontes de chama, tais como velas acesas, sobre o aparelho.

20. Favor, obedecer os aspectos ambientais de descarte de bateria. Baterias devem ser descartadas em um ponto de coletas de baterias.

21. Use este aparelho em dimas tropicais e/ou moderados.

LEGAL RENUNCIANTE

O MUSIC Tribe não se responsabiliza por perda alguma que possa ser sofrida por qualquer pessoa que dependa, seja de maneira completa ou parcial, de qualquer descrição, fotografia, ou declaração aqui contidas. Dados técnicos, aparências e outras informações estão sujeitas a modificações sem aviso prévio.

Todas as marcas são propriedade de seus respectivos donos. MIDAS, KLARK TEKNIK, LAB GRUPPEN, LAKE, TANNØY, TURBOSOUND, TC ELECTRONIC, TC HELICON, BEHRINGER, BUGERA e COOLAUDIO são marcas ou marcas registradas do MUSIC Group IP Ltd. © MUSIC Group IP Ltd. 2018 Todos direitos reservados.

GARANTIA LIMITADA

Para obter os termos de garantia aplicáveis e condições e informações adicionais a respeito da garantia limitada do MUSIC Tribe, favor verificar detalhes na íntegra através do website music-group.com/warranty.

PT Outras Informações Importantes

1. Registre-se online. Por favor, registre seu novo equipamento MUSIC Tribe logo após a compra visitando o site midasconsoles.com Registrando sua compra usando nosso simples formulário online nos ajuda a processar seus pedidos de reparos com maior rapidez e eficiência. Além disso, leia nossos termos e condições de garantia, caso seja necessário.

2. Funcionamento Defeituoso.

Caso seu fornecedor MUSIC Tribe não esteja localizado nas proximidades, você pode contatar um distribuidor MUSIC Tribe para o seu país listado abaixo de "Suporte" em midasconsoles.com. Se seu país não estiver na lista, favor checar se seu problema pode ser resolvido com o nosso "Suporte Online" que também pode ser achado abaixo de "Suporte" em midasconsoles.com. Alternativamente, favor enviar uma solicitação de garantia.



注意

感電の恐れがありますので、カバーやその他の部品を取り外したり、開けたりしないでください。高品質なプロ用スピーカーケーブル (¼" TS 標準ケーブル) およびツイースト ロッキング プラグケーブル) を使用してください。



注意

火事および感電の危険を防ぐため、本装置を水分や湿気のあるところには設置しないで下さい。装置には決して水分がかからないように注意し、花瓶など水分を含んだものは、装置の上には置かないようにして下さい。



注意

このマークが表示されている箇所には、内部に高圧電流が生じています。手を触れると感電の恐れがあります。



注意

取り扱いとお手入れの方法についての重要な説明が付属の取扱説明書に記載されています。ご使用前に良くお読みください。



注意

1. 取扱説明書を通してご覧ください。
2. 取扱説明書を大切に保管してください。
3. 警告に従ってください。
4. 指示に従ってください。
5. 本機を水の近くで使用しないでください。
6. お手入れの際は常に乾燥した布巾を使用してください。
7. 本機は、取扱説明書の指示に従い、適切な換気を妨げない場所に設置してください。

CN 其他的重要信息



警告
电击危险，
请勿打开机盖

带有此标志的终端设备具有强大的电流，存在触电危险。仅限使用带有 ¼" TS 或扭锁式插头的高品质专业扬声器线。所有的安装或调整均须由合格的专业人员进行。



此标志提醒您，产品内存在未绝缘的危险电压，有触电危险。



此标志提醒您查阅所附的重要的使用及维修说明。请阅读有关手册。



小心
为避免触电危险，请勿打开机顶盖（或背面挡板）。设备内没有可供用户维修使用的部件。请将维修事项交由合格的专业人员进行。



小心
为避免着火或触电危险，请勿将此设备置于雨淋或潮湿中。此设备也不可受液体滴溅，盛有液体的容器也不可置于其上，如花瓶等。



小心
维修说明仅是给合格的专业维修人员使用的。为避免触电危险，除了使用说明中提到的以外，请勿进行任何其它维修。所有维修均须由合格的专业人员进行。

CN

11. 请只使用厂家指定的附属设备和配件。



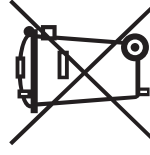
12. 请只使用厂家指定的或随货销售的手推车、架子、三角架、支架和桌子。若使用手推车来搬运设备，请注意安全放置设备，以避免手推车和设备倾倒而受伤。

备倾倒而受伤。

13. 遇闪电雷鸣或长期不使用本设备时，请拔出电源插头。

14. 所有维修均须由合格的维修人员进行。设备受损时需进行维修，例如电源线或电源插头受损、液体流入或异物落入设备内，设备遭雨淋或受潮，设备不能正常运转或被摔坏。

15. 本设备连接电源时一定要有接地保护。



16. 若电源插头或器具耦合器用作断电装置，应当保证它们处于随时可方便操作状态。

17. 本产品仅适用于海拔 2000 米以下地区，本产品仅适用于非热带气候条件下。



法律声明

对于任何因在此说明书提到的全部或部分描述、图片或声明而造成的损失，MUSIC Tribe 不负任何责任。技术参数和外观若有更改，恕不另行通知。所有的商标均为其各自所有者的财产。MIDAS, KLARK TEKNIK, LAB GRUPPEN, LAKE, TANNOY, TURBOSOUND, TC ELECTRONIC, TC HELICON, BEHRINGER, BUGERA 和 COOLAUDIO 是 MUSIC Group IP Ltd. 公司的商标或注册商标。© MUSIC Group IP Ltd. 2018 版权所有。

保修条款

有关音乐集团保修的适用条款及其它相关信息，请登陆 music-group.com/warranty 网站查看完整的详细信息。

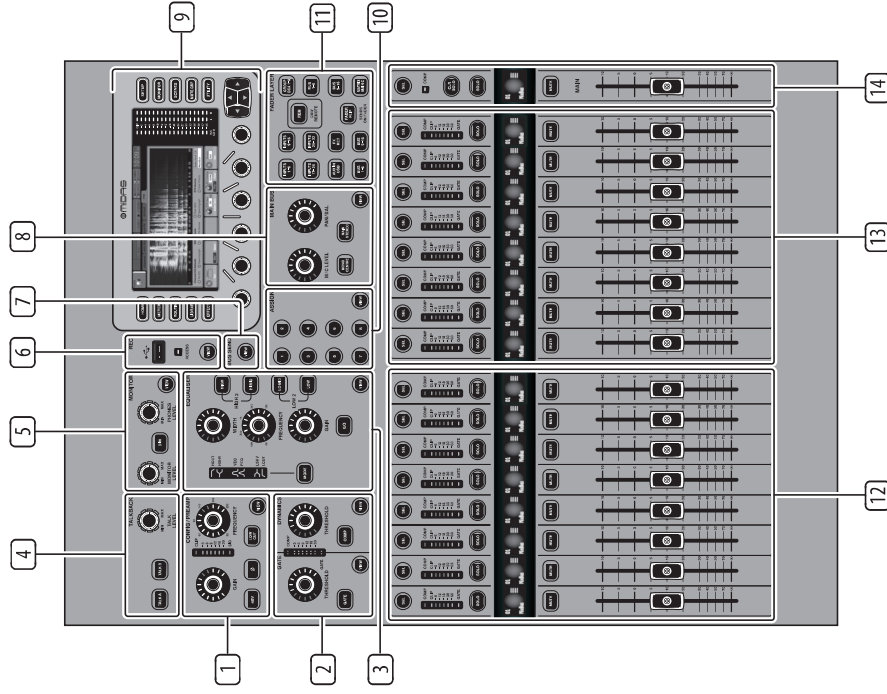
CN 其他的重要信息

1. **在线注册。** 请购买 MUSIC Tribe 产品后立即在 midasconsoles.com 网站注册。网页上有简单的在线注册表格。这有助于我们更快更有效率地处理您维修等事宜。请阅读保修的相关条款及条件。

2. **无法正常工作。** 若您的 MUSIC Tribe 产品无法正常工作，我们会为您尽快修复。请联系您购买产品的销售商。若您所在地区没有 MUSIC Tribe 销售商，请联系 midasconsoles.com 网站的“WHERE TO BUY”一栏下的所列出的子公司或经销商。

3. **电源连接。** 将本设备连接电源前，请确保使用的电压正确。保险丝需要更换时，必须使用相同型号及定额的保险丝。

1. Control Surface



8

MAIN BUS - Press the **MONO CENTER** or **MAIN STEREO** buttons to assign the channel to the main mono or stereo bus. When **MAIN STEREO** (stereo bus) is selected, the **PAN/BAL** adjusts to the left-to-right positioning. Adjust the overall send level to the mono bus with the **M/C LEVEL** rotary control. Press the **VIEW** button to access more detailed parameters on the Main Display.

9

MAIN DISPLAY - The majority of the M32R's controls can be edited and monitored via the Main Display. When the **VIEW** button is pressed on any of the control panel functions, it is here that they can be viewed. The main display is also used for accessing the 60+ virtual effects. See section 3. **Main Display**.

10

ASSIGN - Assign the four rotary controls to various parameters for instant access to commonly-used functions. The LCD displays provide quick reference to the assignments of the active layer of custom controls. Assign each of the eight custom **ASSIGN** buttons (numbered 5-12) to various parameters for instant access to commonly-used functions. Press one of the **SET** buttons to activate one of the three layers of custom-assignable controls. Please refer to the User Manual for more details on this topic.

11

LAYER SELECT - Pressing one of the following buttons selects the corresponding layer on the appropriate channel:

- **INPUTS 1-8, 9-16, 17-24 & 25-36** - the first, second, third and fourth blocks of eight channels assigned on the **ROUTING / HOME** page
- **FX RET** - allows you to adjust the levels of the effects returns.
- **AUX IN / USB** - the fifth block of six channels & USB Recorder, and eight channel FX returns (1L ... 4R)
- **BUS 1-8 & 9-16** - this allows you to adjust the levels of the 16 Mix Bus Masters, which is useful when including Bus Masters into DCA Group assignments, or when mixing buses to matrices 1-6
- **REM** - DAW Remote Button - Press this

1

CONFIG/PREAMP - Adjust the preamp gain for the selected channel with the **GAIN** rotary control. Press the **48 V** button to apply phantom power for use with condenser microphones and press the \emptyset button to reverse the channel's phase. The LED meter displays the selected channel's level. Press the **LOW CUT** button and select the desired high-pass frequency to remove unwanted lows. Press the **VIEW** button to access more detailed parameters on the Main Display.

2

GATE/DYNAMICS - Press the **GATE** button

5

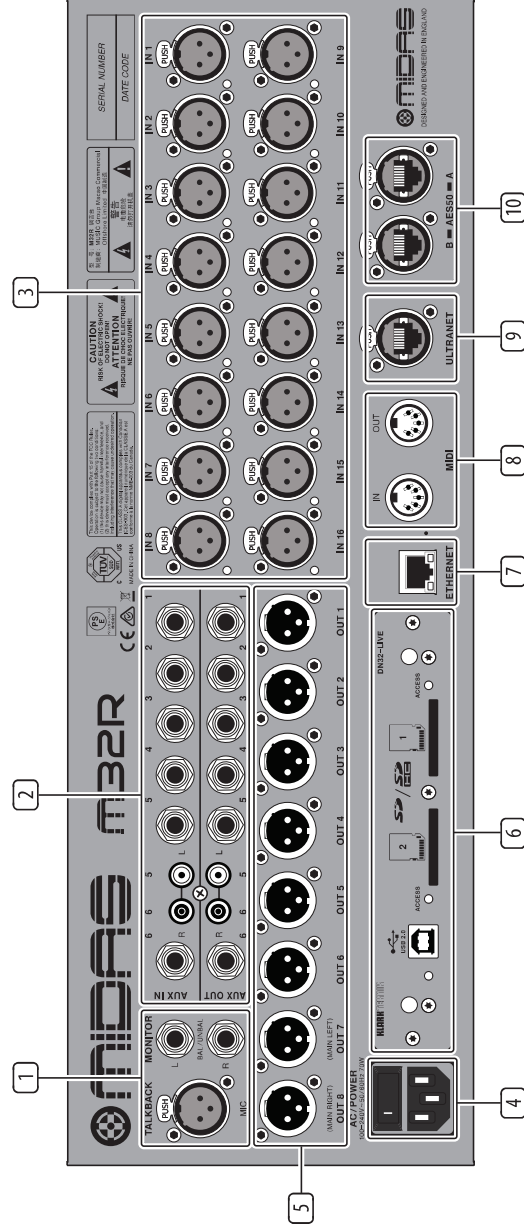
MONITOR - Adjust the level of the monitor outputs with the **MONITOR LEVEL** rotary control. Adjust the level of the headphones output with the **PHONES LEVEL** rotary control. Press the **MONO** button to monitor the audio in mono. Press the **DIM** button to reduce the monitor volume. Press the **VIEW** button to adjust the amount of attenuation along with all other monitor-related functions.

6

RECORDER - Connect an external memory stick to install firmware updates, load and

RECORDER - Connect an external memory stick to install firmware updates, load and

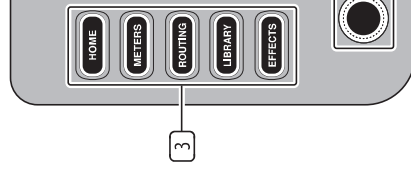
2. Rear Panel



- 1 **MONITOR/CONTROL ROOM OUTPUTS** - connect a pair of studio monitors using XLR or 1/4" cables. Also includes a 12 V / 1.5 W lamp connection.
- 2 **AUX IN/OUT** - Connect to and from external equipment via 1/4" or RCA cables.
- 3 **INPUTS 1 - 16** - Connect audio sources (such as microphones or line level sources) via XLR cables.
- 4 **POWER** - The IEC mains socket and ON/OFF switch.
- 5 **OUTPUTS 1 - 8** - Send analogue audio to external equipment using XLR cables. Outputs 15 and 16 by default carry the main stereo bus signals.
- 6 **DN32-LIVE INTERFACE CARD** - Transmit up to 32 channels of audio to and from a computer via USB 2.0, as well as record up to 32 channels to SD/SDHC cards.
- 7 **REMOTE CONTROL INPUTS** - Connect to a PC for remote control via Ethernet cable.

- 9 **ULTRANET** - Connect to a personal monitoring system, such as the BEHRINGER P16, via Ethernet cable.
 - 10 **AES50 A/B** - Transmit up to 96 channels in and out via Ethernet cables.
- Please refer to the User Manual for more information on each of these topics.

3. Main Display



- 1 **DISPLAY SCREEN** - The controls in this section are used in conjunction with the colour screen in order to navigate and control the graphical elements it contains.
By including dedicated rotary controls that correspond to the adjacent controls on the screen, as well as including cursor buttons, the user can quickly navigate and control all of the colour screen's elements.
The colour screen contains various displays that give visual feedback for the operation of the console, and also allow the user to make various adjustments not provided for by the dedicated hardware controls.
- 2 **MAIN/SOLO METERS** - This triple 24-segment meter displays the audio signal level output from the main bus, as well as the main centre or solo bus of the console.
- 3 **SCREEN SELECTION BUTTONS** - These eight illuminated buttons allow the user to immediately navigate to any of the eight master screens that address different sections of the console. The sections that can be

- **LIBRARY** – The LIBRARY screen allows loading and saving of commonly-used setups for the channel inputs, effects processors, and routing scenarios.

The LIBRARY screen contains the following tabs:

channel: This tab allows the user to load and save commonly used combinations of the channel processing, including dynamics and equalisation.

effects: This tab allows the user to load and save commonly used effects processor presets.

routing: This tab allows the user to load and save commonly used signal routings.

- **EFFECTS** – The EFFECTS screen controls various aspects of the eight effects processors. On this screen the user can select specific types of effects for the eight internal effects processors, configure their input and output paths, monitor their levels, and adjust the various effects parameters.

The EFFECTS screen contains the following separate tabs:

home: The home screen provides a general overview of the virtual effects rack, displaying what effect has been inserted in each of the eight slots, as well as displaying input/output paths for each slot and the I/O signal levels.

fx1-8: These eight duplicate screens display all of the relevant data for the eight separate effects processors, allowing the user to adjust all parameters for the selected effect.

- **SETUP** – The SETUP screen offers controls for global, high-level functions of the console, such as display adjustments, sample rates & synchronisation, user settings, and network configuration.

The SETUP screen contains the following separate tabs:

global: This screen offers adjustments for various global preferences of how the

network: This screen offers different controls for attaching the console to a standard Ethernet network. (IP address, Subnet Mask, Gateway.)

scribble strip: This screen offers controls for various customisation of the console's LCD scribble strips.

preamps: Shows the analogue gain for local mic inputs (XLR at the rear) and phantom power, including setup from remote stage boxes (e.g. DL16) connected via AES50.

card: This screen selects the input/output configuration of the installed interface card.

- **MONITOR** – Displays the MONITOR section's functionality on the Main Display.

- **SCENES** – This section is used to save and recall automation scenes in the console, allowing different configurations to be recalled at a later time. Please refer to the User Manual for more details on this topic.

- **MUTE GRP** – The MUTE GRP screen allows for quick assignment and control of the console's six mute groups, and offers two separate functions:

1. Mutes the active screen during the process of assigning channels to mute groups. This ensures that no channels are accidentally muted during the assignment process during a live performance.
2. It offers an additional interface for muting/unmuting the groups in addition to the dedicated mute group buttons at the bottom of the console.

- **UTILITY** – The UTILITY screen is a supplemental screen designed to work in conjunction with the other screens that may be in view at any particular moment. The UTILITY screen is never seen by itself, it always exists in the context of another screen, and typically

4 UP/DOWN/LEFT/RIGHT NAVIGATION

CONTROLS – The LEFT and RIGHT controls allow for left-right navigation among the different pages contained within a screen set. A graphical tab display shows which page you are currently on. On some screens there are more parameters present than can be adjusted by the six rotary controls underneath. In these cases, use the UP and DOWN buttons to navigate through any additional layers contained on the screen page. The LEFT and RIGHT buttons are sometimes used to confirm or cancel confirmation pop-ups.

Please refer to the User Manual for more information on each of these topics.

4. Quick Reference Section

Editing Channel Strip LCDs

1. Hold down the select button for the channel you wish to change and press UTILITY.
2. Use the rotary controls below the screen to adjust parameters.
3. There is also a dedicated Scribble Strip tab on the SETUP menu.
4. Select the channel while viewing this screen to edit.

Using Buses

Bus Setup:

The M32R offers ultra flexible busing as each channel's bus sends can be independently Pre- or Post-Fader, (selectable in pairs of buses). Select a channel and press **VIEW** in the **BUS SENDS** section on the channel strip.

Reveal options for Pre/Post/Subgroup by pressing the Down Navigation button by the screen.

To configure a bus globally, press its SEL button and then press **VIEW** on the **CONFIG/PREAMP** section on the channel strip. Use the third rotary control to change configurations. This will affect all channel sends to this bus.

Note: Mix buses can be linked in odd-even adjacent pairs to form stereo mix buses. To link buses together, select one and press the **VIEW** button near the **CONFIG/PREAMP** section of the channel strip. Press the first rotary control to link. When sending to these buses, the odd BUS SEND rotary control will adjust send level and even BUS SEND rotary control will adjust pan/balance.

Matrix Mixes

Matrix mixes can be fed from any mix bus as well as the MAIN LR and Centre/Mono bus.

To send to a Matrix, first press the **SEL** button above the bus you want to send. Use the four rotary controls in the BUS SENDS section of the channel

5. Firmware Updates & USB Stick Recording

To Update Firmware:

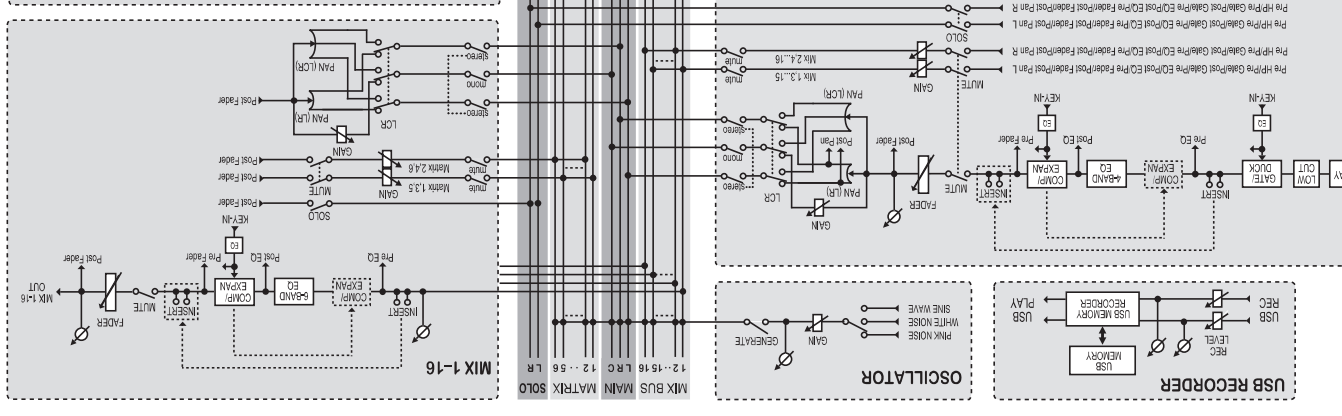
1. Download the new console firmware from the M32R product page onto the root level of a USB memory stick.
2. Press and hold the **RECORDER** section's **VIEW** button while switching the console on to enter the update mode.
3. Plug the USB memory stick into the top panel USB connector.
4. The M32R will wait for the USB drive to become ready and then run a fully-automated firmware update.
5. When a USB drive fails to get ready, updating will not be possible and we recommend switching the console off / on again for booting the previous firmware.
6. The update process will take two to three minutes longer than the regular boot sequence.

To Record to the USB Stick:

1. Insert the USB Stick into the port on the **RECORDER** section and press the **VIEW** button.
2. Use the second page for configuring the recorder.
3. Press the fifth rotary control under the screen to begin recording.
4. Use the first rotary control to stop. Wait for the **ACCESS** light to turn off before removing the stick.

Notes: Stick must be formatted for FAT file system. Maximum record time is approximately three hours for each file, with a file size limit of 2 GB. Recording is at 16-bit, 44.1 kHz or 48 kHz depending on console sample rate.

6. Block Diagram



7. Technical Specifications

| Processing | |
|---|---|
| Input Processing Channels | 32 Input Channels, 8 Aux Channels, 8 FX Return Channels |
| Output Processing Channels | 8 / 16 |
| 16 aux buses, 6 matrices, main LRC | 100 |
| Internal Effects Engines (True Stereo / Mono) | 8 / 16 |
| Internal Show Automation (structured Cues / Snippets) | 500 / 100 |
| Internal Total Recall Scenes (incl. Preamplifiers and Faders) | 100 |
| Signal Processing | 40-Bit Floating Point |
| A/D Conversion (8-channel, 96 kHz ready) | 24-Bit, 114 dB Dynamic Range, A-weighted |
| D/A Conversion (stereo, 96 kHz ready) | 24-Bit, 120 dB Dynamic Range, A-weighted |
| I/O Latency (Console Input to Output) | 0.8 ms |
| Network Latency (Stage Box In > Console > Stage Box Out) | 1.1 ms |
| Connectors | |
| MIDAS PRO Series Microphone Preamplifier (XLR) | 16 |
| Talkback Microphone Input (XLR) | 1 |
| RCA Inputs / Outputs | 2 / 2 |
| XLR Outputs | 8 |
| Monitoring Outputs (XLR / ¼" TRS Balanced) | 2/2 |
| Aux Inputs/Outputs (¼" TRS Balanced) | 6 / 6 |
| Phones Output (¼" TRS) | 1 (Stereo) |
| AES50 Ports (KLARK TEKNIK SuperMAC) | 2 |
| Expansion Card Interface | 32 Channel Audio Input / Output |
| ULTRANET P-16 Connector (No Power Supplied) | 1 |
| MIDI Inputs / Outputs | 1 / 1 |
| USB Type A (Audio and Data Import / Export) | 1 |
| USB Type B, rear panel, for remote control | 1 |
| Ethernet, RJ45, rear panel, for remote control | 1 |
| Mic Input Characteristics | |
| Design | MIDAS PRO Series |
| THD+N (0 dB gain, 0 dBu output) | < 0.01% unweighted |
| THD+N (+40 dB gain, 0 dBu to +20 dBu output) | < 0.03% unweighted |
| Input Impedance (Unbalanced / Balanced) | 10 kΩ / 10 kΩ |
| Non-Clip Maximum Input Level | +23 dBu |
| Phantom Power (Switchable per Input) | +48 V |
| Equivalent Input Noise @ +45 dB gain (150 Ω source) | -125 dBu 22 Hz-22 kHz, unweighted |
| CMRR @ Unity Gain (Typical) | > 70 dB |
| CMRR @ 40 dB Gain (Typical) | > 90 dB |

Input/Output Characteristics

| | |
|---|--|
| Frequency Response @ 48 kHz Sample Rate | |
| Dynamic Range, Analogue In to Analogue Out | |
| A/D Dynamic Range, Preamplifier and Converter (Typical) | |
| D/A Dynamic Range, Converter and Output (Typical) | |
| Crosstalk Rejection @ 1 kHz, Adjacent Channels | |
| Output level, XLR Connectors (Nominal / Maximum) | |
| Output Impedance, XLR Connectors (Unbalanced / Balanced) | |
| Input impedance, TRS Connectors (Unbalanced / Balanced) | |
| Non-Clip Maximum Input Level, TRS Connectors | |
| Output Level, TRS (Nominal / Maximum) | |
| Output Impedance, TRS (Unbalanced / Balanced) | |
| Phones Output Impedance / Maximum output Level | |
| Residual Noise Level, Out 1-16 XLR Connectors, Unity Gain | |
| Residual Noise Level, Out 1-16 XLR Connectors, Muted | |
| Residual Noise Level, TRS and Monitor out XLR Connectors | |

DN32-LIVE USB Interface

| | |
|---|--|
| USB 2.0 high speed, type-B (audio/MIDI interface) | |
| USB input / output channels, duplex | |
| Windows DAW applications (ASIO, WASAPI and WDM) | |
| Mac OSX DAW applications (Intel CPU only, no PPC support) | |

DN32-LIVE-SD Card Interface

| | |
|---|--|
| SD card slots, SD/SDHC | |
| SD/SDHC supported file system | |
| SD/SDHC card capacity, each slot | |
| Battery for power blackout protection (optional) | |
| SD card input / output channels | |
| Sample rates (console clock) | |
| Sample word length | |
| File format (uncompressed multi-channel) | |
| Maximum recording time (32 ch, 44.1 kHz, 32-bit on 16 ch) | |
| Typical performance recording or playback | |

Display

| | |
|--------------------|--|
| Main Screen | |
| Channel LCD Screen | |
| Main Meter | |

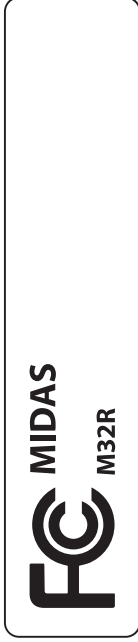
Power

| | |
|--------------------------|--|
| Switch-Mode Power Supply | |
| Power Consumption | |

Physical

| | |
|--------------------------------------|--|
| Standard Operating Temperature Range | |
| Dimensions | |

FEDERAL COMMUNICATIONS COMMISSION COMPLIANCE INFORMATION



Responsible Party Name: **MUSIC Tribe Brands UK Ltd.**
Address: **Klark Industrial Park,
Walter Nash Road,
Kidderminster, Worcestershire,
DY11 7HJ United Kingdom**
Phone Number: **+44 1562 732290**

M32R

complies with the FCC rules as mentioned in the following paragraph:

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

This equipment complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

Warning:

Operation of this equipment in a residential environment could cause radio interference.

