

Quick Start Guide

EN

ES

FR

DE

PT

IT

NL

SE

PL

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CN



WING RACK

Rackmount 48 Channel, 28 Bus Full Stereo Digital Mixing Engine with 24-Midas PRO Preamps, 8 Midas PRO Outputs and 10" Touch Screen

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.



Caution
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.



Caution
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.



Caution
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.



Warning
Please refer to the information on the exterior of bottom enclosure for electrical

7. 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 (only for USA and Canada).

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.

8. Use only attachments and accessories recommended by the manufacturer.



9. Use only specified carts, stands, tripods, brackets, or tables. Use caution to prevent tip-over when moving the cart/apparatus combination.

10. Unplug during storms, or if not in use for a long period.

11. Only use qualified personnel for servicing, especially after damage.

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

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

14. Avoid installing in confined spaces like bookcases.

15. Do not place naked flame sources, such as lighted candles, on the apparatus.

16. Operating temperature range 5° to 45°C (41° to 113°F).

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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 alto nivel profesional 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 aparezca, 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 aparezca, 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.

5. Proteja el cable de alimentación contra daños, especialmente en los enchufes y en el tomacorriente del aparato.

6. No lo instale cerca de fuentes de calor como radiadores, rejillas de calefacción, estufas u otros aparatos (incluyendo amplificadores) que generen calor.

7. No anule el propósito de seguridad del enchufe polarizado o del tipo con toma de tierra. Un enchufe polarizado tiene dos clavijas, una más ancha que la otra (solo para EE. UU. y Canadá). Un enchufe con toma de tierra tiene dos clavijas y una tercera clavija de toma de tierra. La clavija ancha o la tercera clavija se proporcionan para su seguridad. Si el enchufe suministrado no encaja en su toma de corriente, consulte a un electricista para reemplazar la toma obsoleta.

8. Utilice solo accesorios y accesorios recomendados por el fabricante.



9. Utilice solo carritos, soportes, trípodes, soportes o mesas especificados. Tenga cuidado para evitar que el carro/ combinación de aparatos se vuelque al moverlo.

10. Desenchufe durante tormentas o si no se utiliza durante un largo periodo.

11. Solo utilice personal cualificado para el servicio, especialmente después de daños.

12. El aparato con terminal de puesta a tierra protectora debe conectarse a un tomacorriente de red con una conexión de puesta a tierra protectora.

13. Cuando se utilice el enchufe de red o un acoplador de aparatos como dispositivo de desconexión, el dispositivo de desconexión debe seguir siendo fácilmente operable.

14. Evite la instalación en espacios confinados como estanterías.

15. No coloque fuentes de llama desnuda, como velas encendidas, en el aparato.

16. Rango de temperatura de funcionamiento de 5° a 45°C (41° a 113°F).

NEGACIÓN LEGAL

Music Tribe no admite ningún tipo de responsabilidad por cualquier daño o pérdida que pudiera sufrir cualquier persona por confiar total o parcialmente en la

GARAN
Si quiere conocer la garantía de la Garantía lea toda la información en el manual de instrucciones en el sitio web de soporte.

FR



Utilisez uniquement des accessoires recommandés par le fabricant. Utilisez uniquement des accessoires recommandés par le fabricant.



consignes de l'appareil.



démonter le produit. Ne pas modifier l'appareil.



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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 community.musictribe.com/support.

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DE Wichtige Sicherheitshinweise



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.

Dieses Symbol weist Sie immer dann darauf hin, wenn es erscheint, dass im Inneren des Gehäuses gefährliche unisolierte Spannung vorhanden ist – eine Spannung, die ausreichend sein kann, um ein Stromschlagrisiko darzustellen.

Dieses Symbol weist Sie an jeder Stelle, an der es erscheint, auf wichtige Betriebs- und Wartungsanweisungen in der beiliegenden Literatur hin. Bitte lesen Sie die Bedienungsanleitung.



Vorsicht

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.



Warnung

Bitte beachten Sie die Informationen auf der Außenseite der unteren Abdeckung bezüglich elektrischer und sicherheitstechnischer Hinweise, bevor Sie das Gerät installieren oder in Betrieb nehmen.

- Bitte lesen Sie alle Anweisungen und Warnhinweise sorgfältig durch und befolgen Sie diese.
- Halten Sie das Gerät von Wasser fern (außer bei Produkten für den Außenbereich).
- Reinigen Sie nur mit einem trockenen Tuch.
- Blockieren Sie nicht die Belüftungsöffnungen. Installieren Sie das Gerät nicht in einem engen Raum und nur gemäß den Anweisungen des Herstellers.
- Schützen Sie das Netzkabel vor Beschädigungen, insbesondere an Steckern und Gerätebuchsen.
- Installieren Sie das Gerät nicht in der Nähe von Wärmequellen wie Heizkörpern, Heizregistern, Öfen oder anderen Geräten (einschließlich Verstärkern), die Wärme erzeugen.
- Heben Sie nicht den Sicherheitszweck des polarisierten oder geerdeten Steckers auf. Ein polarisierter Stecker hat zwei Klängen, von denen eine breiter ist als die andere (nur für USA und Kanada). Ein geerdeter Stecker hat zwei Klängen und einen dritten Erdungszapfen. Die breite Klinge oder der dritte Zapfen dienen Ihrer Sicherheit. Wenn der mitgelieferte Stecker nicht in Ihre Steckdose passt, konsultieren Sie einen Elektriker, um die veraltete Steckdose zu ersetzen.

Verwenden Sie nur vom Hersteller empfohlene Anbaugeräte und Zubehörteile.

- Verwenden Sie nur spezifizierte Wagen, Ständer, Stativen, Halterungen oder Tische. Achten Sie darauf, dass der Wagen/Geräte-Kombination beim Bewegen nicht umknippt



13. Wenn der Netzstecker oder ein Gerätekuppler als Trennvorrichtung verwendet wird, muss die Trennvorrichtung leicht bedienbar bleiben.

14. Vermeiden Sie die Installation in engen Räumen wie Bücherregalen.

15. Platzieren Sie keine offenen Flammenquellen, wie brennende Kerzen, auf dem Gerät.

16. Betriebstemperaturbereich von 5° bis 45°C (41° bis 113°F).

HAFTUNGSAUSSCHLUSS

Music Tribe übernimmt keine Haftung für Verluste, die Personen entstanden sind, die sich ganz oder teilweise auf hier enthaltene Beschreibungen, Fotos oder Aussagen verlassen haben. Technische Daten, Erscheinungsbild und andere Informationen können ohne vorherige Ankündigung geändert werden. Alle Warenzeichen sind Eigentum der jeweiligen Inhaber. Midas, Klark Teknik, Lab Gruppen, Lake, Tannoy, Turbosound, TC Electronic, TC Helicon, Behringer, Bugera, Aston Microphones und Coolaudio sind Warenzeichen oder eingetragene Warenzeichen der Music Tribe Global Brands Ltd. © Music Tribe Global Brands Ltd. 2024 Alle Rechte vorbehalten.

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Die geltenden Garantiebedingungen und zusätzliche Informationen bezüglich der von Music Tribe gewährten beschränkten Garantie finden Sie online unter community.musictribe.com/support.

PT Instruções de Segurança Importantes



Terminais marcados com o símbolo carregam corrente elétrica de magnitude

Atenção

De forma a diminuir o risco de choque eléctrico, não remover a cobertura (ou a secção de tras). 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 qualificadas. 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.



Aviso

Consulte as informações na parte externa do invólucro inferior para obter informações eléctricas e de segurança antes de instalar ou operar o dispositivo.

- Por favor, leia e siga todas as instruções e advertências.
- Mantenha o aparelho longe da água (exceto para produtos destinados a uso externo).
- Limpe apenas com um pano seco.
- Não obstrua as aberturas de ventilação. Não instale em espaços confinados. Instale apenas de acordo com as instruções do fabricante.
- Proteja o cabo de alimentação contra danos, especialmente nos plugs e na tomada do aparelho.
- Não instale próximo a fontes de calor, como radiadores, registros de calor, fogões ou outros aparelhos (incluindo amplificadores) que produzam calor.
- Não desfaça a finalidade de segurança da tomada polarizada ou do tipo com aterramento. Uma tomada polarizada possui duas lâminas, sendo uma mais larga que a outra (apenas para EUA e Canadá). Uma tomada com aterramento possui duas lâminas e uma terceira ponta de aterramento. A lâmina larga ou a terceira ponta

11. Use ape especialmente

12. O aparelho deve ser coner conexão de al

13. Quando de aparelho é o dispositivo prontamente

14. Evite ins

15. Não col acesas, no ap

16. Faixa de (41° a 113°F)

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O Music Tribe alguma que de dependa de qualquer aqui contidas informações prévio. Todos respectivos d Lake, Tannoy, Behringer, B Global Brand 2024 Todos d

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Para obter os informações Music Tribe, f website comm

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- 9.** Utilizzare solo carrelli, supporti, treppiedi, staffe o tavoli specifici. Prestare attenzione per evitare il ribaltamento durante lo spostamento della combinazione carrello/apparecchio.

- 10.** Scollegare durante le tempeste o se non viene utilizzato per un lungo periodo.
- 11.** Utilizzare solo personale qualificato per la manutenzione, specialmente dopo danni.
- 12.** L'apparecchio con terminale di messa a terra protettiva deve essere collegato a una presa di corrente con connessione di messa a terra protettiva.
- 13.** Se la spina di rete o un accoppiatore dell'elettrodomestico viene utilizzato come dispositivo di disconnessione, il dispositivo di disconnessione deve rimanere facilmente utilizzabile.
- 14.** Evitare l'installazione in spazi ristretti come librerie.
- 15.** Non posizionare fonti di fiamma nuda, come candele accese, sull'apparecchio.

- 16.** Intervallo di temperatura di funzionamento da 5° a 45°C (da 41° a 113°F).

DISCLAIMER LEGALE

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Per i termini e le condizioni di garanzia applicabili e le informazioni aggiuntive relative alla garanzia limitata di Music Tribe, consultare online i dettagli completi su community.musictribe.com/support.

NL Belangrijke veiligheidsvoorschriften



Aansluitingen die gemerkt zijn met het symbool voeren een zodanig hoge spanning dat ze een risico vormen voor elektrische schokken. Gebruik uitsluitend kwalitatief hoogwaardige, in de handel verkrijgbare luidsprekerkabels die voorzien zijn van ¼" TS stekkers. Laat uitsluitend gekwalificeerd personeel alle overige installatie- of modificatiehandelingen uitvoeren.

Dit symbool waarschuwt u, waar het ook verschijnt, voor de aanwezigheid van ongeïsoleerde gevaarlijke spanning binnenin de behuizing - spanning die voldoende kan zijn om een risico op elektrische schokken te vormen.

Dit symbool wijst u altijd op belangrijke bedienings- en onderhoudsvoorschriften in de bijbehorende documenten. Wij vragen u dringend de handleiding te lezen.

Attentie
Verwijder in geen geval de bovenste afdekking (van het achterste gedeelte) anders bestaat er gevaar voor een elektrische schok. Het apparaat bevat geen te onderhouden onderdelen. Reparatiewerkzaamheden mogen uitsluitend door gekwalificeerd personeel uitgevoerd worden.

Attentie
Om het risico op brand of elektrische schokken te beperken, dient u te voorkomen dat dit apparaat wordt blootgesteld aan regen en vocht. Het apparaat mag niet worden blootgesteld aan neerdruppelend of opspattend water en er mogen geen met water gevulde voorwerpen - zoals een vaas - op het apparaat worden gezet.

Attentie
Deze onderhoudsinstructies zijn uitsluitend bedoeld voor gekwalificeerd onderhoudspersoneel. Om elektrische schokken te voorkomen, mag u geen andere onderhoudshandelingen uitvoeren.

in een afgesloten ruimte. Installeer alleen volgens de instructies van de fabrikant.

- 5.** Bescherm de voedingskabel tegen schade, vooral bij stekkers en het stopcontact van het apparaat.
- 6.** Installeer niet in de buurt van warmtebronnen zoals radiatoren, warmte registers, fornuizen of andere apparaten (indusief versterkers) die warmte produceren.
- 7.** Hef het veiligheidsdoel van de gepolariseerde of geaarde stekker niet op. Een gepolariseerde stekker heeft twee pennen waarvan één breder is dan de andere (alleen voor de VS en Canada). Een geaarde stekker heeft twee pennen en een derde aardingspen. De brede pen of de derde pen zijn voor uw veiligheid. Als de meegeleverde stekker niet in uw stopcontact past, raadpleeg dan een elektricien om het verouderde stopcontact te vervangen.
- 8.** Gebruik alleen accessoires en apparatuur die door de fabrikant worden aanbevolen.



- 9.** Gebruik alleen gespecificeerde karren, stands, statieven, beugels of tafels. Wees voorzichtig om kantelen te voorkomen bij het verplaatsen van de kar/apparaatcombinatie.

- 10.** Trek de stekker uit tijdens stormen of als het apparaat gedurende lange tijd niet wordt gebruikt.

- 11.** Gebruik alleen gekwalificeerd personeel voor onderhoud, vooral na schade.
- 12.** Het apparaat met een beschermende aardingsaansluiting moet worden aangesloten op een stopcontact met een beschermende aardingsverbinding.
- 13.** Als de stekker van het stopcontact of een apparaatkoppeling als het ontkoppelingssysteem wordt gebruikt, moet het ontkoppelingssysteem gemakkelijk bedienbaar blijven.
- 14.** Vermijd installatie in afgesloten ruimtes zoals boekenkasten.
- 15.** Plaats geen open vlambronnen, zoals brandende kaarsen, op het apparaat.
- 16.** Bedrijfstemperatuurbereik van 5° tot 45°C (41° tot 113°F).

WETTELIJKE ONTKENNING

Music Tribe aanvaardt geen aansprakelijkheid voor enig verlies dat kan worden geleden door een persoon die geheel of gedeeltelijk vertrouwt op enige beschrijving.

BEPERKTE GARANTIE

Voor de toepasselijke garantievoorraarden en aanvullende informatie met betrekking tot de beperkte garantie van Music Tribe, zie de volledige details online op community.musictribe.com/support.

SE Viktiga säkerhetsanvisningar



Uttag markerade med symbolen leder elektrisk strömsyrka som är tillräckligt stark för att utgöra en risk för elchock. Använd endast högkvalitativa, kommersiellt tillgängliga högtalarkablar med förhandsinstallerade ¼" TS-kontakter. All annan installering eller modifiering bör endast utföras av kompetent personal.

Den här symbolen, var den än förekommer, varnar för närvaron av farlig, oisolerad spänning inuti höljet - spänning som kan vara tillräcklig för att utgöra en risk för stöt.

Den här symbolen hänvisar till viktiga punkter om användning och underhåll i den medföljande dokumentationen. Var vänlig och läs bruksanvisningen.

Försiktighet
Minska risken för elektriska stötar genom att aldrig ta av höljet upptill på apparaten (eller ta av baksidan). Inuti apparaten finns det inga delar som kan repareras av användaren. Endast kvalificerad personal får genomföra reparationer.

Försiktighet
För att minska risken för brand och elektriska stötar ska apparaten skyddas mot regn och fukt. Apparaten får inte utsättas för dropp eller spill och inga vattenbehållare som vaser etc. får placeras på den.

- 2.** Håll apparat utomhuspro...
- 3.** Rengör er...
- 4.** Blockera i trånga utrym...
- 5.** Skydda n...
- 6.** Installera och apparat...
- 7.** Förför in...
- 8.** Använd e...

och Kanada).

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Ostrzeżenie

Przed zainstalowaniem lub uruchomieniem urządzenia prosimy zajrzeć do informacji umieszczonej na zewnętrznej części obudowy dotyczącej informacji elektrycznych i bezpieczeństwa.

1. Proszę przeczytać i ściśle przestrzegać wszystkich instrukcji i ostrzeżeń.
2. Trzymaj urządzenie z dala od wody (z wyjątkiem produktów przeznaczonych do użytku na zewnątrz).
3. Czyść tylko suchą szmatką.
4. Nie blokuj otworów wentylacyjnych. Nie instaluj w zamkniętym miejscu. Instaluj tylko zgodnie z instrukcjami producenta.
5. Zabezpiecz przewód zasilający przed uszkodzeniem, zwłaszcza przy wtyczkach i gnieździe urządzenia.

6. Nie instaluj w pobliżu źródeł ciepła, takich jak grzejniki, rejestratory ciepła, kuchenki lub inne urządzenia (w tym wzmocniacze), które generują ciepło.
7. Nie unieważniaj celu bezpieczeństwa wtyczki spolanizowanej lub wtyczki z uzziemieniem. Wtyczka spolanizowana ma dwie wtyczki, z których jedna jest szersza niż druga (tylko dla USA i Kanady). Wtyczka z uzziemieniem ma dwie wtyczki i trzeci bolc uzemiający. Szeroka wtyczka lub trzeci bolc są dostarczone dla Twojego bezpieczeństwa. Jeśli dostarczona wtyczka nie pasuje do Twojej gniazdka, skonsultuj się z elektrykiem w celu wymiany przestarzałego gniazdka.

8. Używaj tylko akcesoriów i dodatków zalecanych przez producenta.



9. Używaj tylko określonych wózków, stojaków, statywów, uchwytyów lub stolików. Uwważaj, aby uniknąć przewrócenia wózka/ kombinacji urządzenia podczas przemieszczania.

10. Odłączaj w czasie burz lub jeśli urządzenie nie jest używane przez długi okres.
11. Korzystaj tylko z kwalifikowanego personelu do serwisowania, zwłaszcza po uszkodzeniach.

12. Urządzenie z zabezpieczonym terminalem uzimającym powinno być podłączone do gniazdka sieciowego z połączeniem ochronnym.

13. Jeśli wtyczka sieciowa lub złącze urządzenia jest używane jako urządzenie oddzielające urządzenie

ZASTRZEŻENIA PRAWNE

Music Tribe nie ponosi odpowiedzialności za jakiegokolwiek straty, które mogą ponieść osoby, które polegają w całości lub w części na jakimkolwiek opisie, fotografii lub oświadczeniu zawartym w niniejszym dokumencie. Specyfikacje techniczne, wygląd i inne informacje mogą ulec zmianie bez powiadomienia. Wszystkie znaki towarowe są własnością ich odpowiednich właścicieli. Midas, Klark Teknik, Lab Gruppen, Lake, Tannoy, Turbosound, TC Electronic, TC Helicon, Behringer, Bugera, Aston Microphones i Coolaudio są znakami towarowymi lub zastrzeżonymi znakami towarowymi firmy Music Tribe Global Brands Ltd. © Music Tribe Global Brands Ltd. 2024 Wszystkie prawa zastrzeżone.

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JP 安全にお使いいただくために



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ケーブル (¼" TS 標準ケーブルおよびツイストペア) を使用してください。

このシンボルの、どこに現れても、筐体内部に絶縁のない危険な電圧が存在しており、これは感電の危険性を構成する可能性がある

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。ご使用前の前に良くお読みください。

注意

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警告

デバイスの取り付けまたは操作を行う前に、電気および安全に関する情報については、底部の外装に記載されている情報を参照してください。

1. すべての指示と警告を注意深く読み、従ってください。
2. 装置を水から離してください (屋外用の製品を除く)。
3. 乾いた布でしか清掃しないでください。
4. 換気口を塞がないでください。密閉されたスペースには取り付けないでください。必ず製造元の指示に従って取り付けてください。

5. 電源コードを特にプラグやアライアンスの差込口で損傷から守ってください。
6. 暖房器、ヒーター、ストーブ、アンプなど発熱する機器の近くには取り付けないでください。

7. 偏光または接地型プラグの安全目的を妨げないでください。偏光プラグは片方がもう一方より幅が広いものです (アメリカとカナダ専用)。接地型プラグは二本の刃と三本目のアースプラグがついています。幅の広い刃または三本目のプラグは安全のために設けられています。提供されたプラグがコンセントに合わない場合は、電気技師に相談して陳腐化したコンセントを交換してください。

8. 製造元が推奨するアタッチメントやクセサリーだけを使用してください。

9. 指定されたカ

12. 保護アース端子のある装置は、保護アース接続のあるメインの電源コンセントに接続してください。

13. メインプラグまたはアプライアンスコプラが切断装置として使用される場合、切断装置は操作可能でなければなりません。

14. 書棚などの密閉された空間には設置しないでください。

15. ろうそくなどの明火を装置に置かないでください。

16. 動作温度範囲は 5° から 45° までです (41° から 113°F)。

法的放棄

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1. 請閱する警告。
2. 請勿在布和窗等。
3. 請勿堵。
4. 請勿堵。
5. 請勿將。
6. 如果。



锁式插头) 端子连接 员来安装 导线。



此产品也 器也不可



1. 請閱 有的警告。

2. 請勿在 布和窗等。

3. 請勿堵。

4. 請勿堵。

5. 請勿將。

6. 如果。

WING RACK Overview

1. Introduction

Congratulations on purchasing the ground-breaking WING RACK console. Read through this Quick Start Guide (QSG) to get an overview of WING's functionality and visit behinger.com for tutorial videos and guides.

Before you start

It is recommended to check behinger.com for firmware updates, as new features and bug fixes will be released regularly. Please refer to Chapter 7 in this QSG for details about the update process.

Our development team is eager to read your feedback on ideas.behinger.com and surprise you with new improvements and features.

Source and Channel – a new routing approach

WING has introduced a new way of labeling signal sources with names, icons and color together with their physical parameters. WING Sources can be fed into one or several channels for signal processing or routing to buses or main buses. They can also be patched directly to any physical output when no processing is desired, such as in recording setups, or when sharing audio with another console for independent mixes.

2. Sources, channels, buses and outputs

External Sources

Any audio input into the console is called a Source. An input can be an analog signal via the XLR or 6.35 mm (1/4") TRS connectors on the rear panel, or digital signals via StageConnect, USB, AES50, installed expansion cards, etc.

WING Sources include the following information:

- Identifying characteristics like name, color, icon, and tags.
- Physical characteristics such as gain, mute, phase inversion and phantom power
- Mono/stereo/mid-side configuration. All 40 channels on the console can process either mono or stereo signals. Analog and digital stereo signals can be fed into a single channel in the console. See Chapter 5 – ROUTING for more information.

Internal Sources

WING also features User Signals, User Patches and the Oscillator that can be used just as any external Source, but they are in fact signals taken from other places in the console's audio engine.

2 Oscillators

There are two independent mono test tone generators that can be configured for sinewave, pink noise or white noise output. They can be routed to any channel or output.

24 User Signals

These are signals derived from any of the 40 input channels, 8 aux input channels, 16 buses, 8 matrices or 4 main buses. They can be tapped from the respective channel's pre- or post-fader tap points, and carry either the left or right channel, or a sum of both.

24 User Patches

16 Stereo Buses and 4 Stereo Main Buses:

The 16 buses are typically used for effects processing through sends, buses, to the first 8 buses or to the 8 matrices. The 4 main buses can

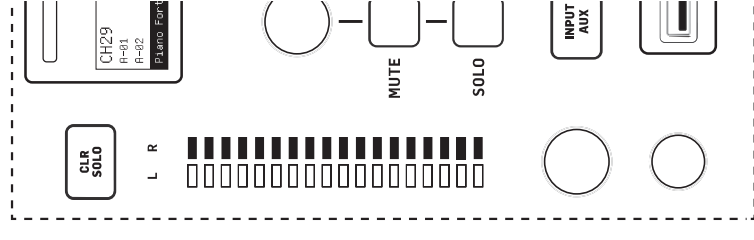
8 Matrix Buses

Matrix buses have full processing and can be sent to any Output destination buses can be driven by aux or main buses. They also feature two addi

Matrix buses can be used for creating so-called Mix-Minus buses, by p situations when a moderator should hear everything but his own voi

3. Hardware Descriptions

Control Section



WING RACK has a specially optimized section for quick access to the controls of the USB and WING-LIVE player are also accessible here.

WING RACK Overview

BUSES/MAINS

Press the button to toggle between the following layers:

- Buses 1-16.
- Main buses 1-4 and matrices 1-8.

Both layers are organized in groups of four channels. Each bus/matrix has its respective level, mute, and solo controls.

Navigate the buses/matrices with the ◀ 4 and 4 ▶ buttons . Holding these buttons down immediately goes to the first and last page, respectively. The current page number is indicated by the LED screen above the ◀ 4 and 4 ▶ buttons.

DCA/MUTE

Press the button to toggle between the following layers:

- DCA groups 1-16.
- Mute groups.

The DCA groups are shown in groups of four on the scribble strips with a dedicated fader (assigned to the respective knob), mute and solo controls.

Navigate the DCA groups with the ◀ 4 and 4 ▶ buttons . Holding these buttons down immediately goes to the first and last page, respectively. The current page number is indicated by the LED screen above the ◀ 4 and 4 ▶ buttons.

When the mute groups layer is active, groups 1 to 8 are assigned to the 8 buttons otherwise used for mute and solo control.

CUST/TRANS

Press the button to toggle between the following layers:

- Custom controls.
- USB player transport controls (when USB flash drive is inserted).
- WING-LIVE transport controls (when SD card is inserted).

When the CUSTOM CONTROLS button is active, pressing the VIEW button opens the page to edit the CUSTOM CONTROLS. You can assign a wide range of parameters to the 4 knobs and 8 buttons in the Control Section.

USB connector

A USB type-A connector allows a flash drive to be plugged directly into the console for saving or loading data. This allows you to back up your show files or load your usual setup on a rented WING console.

This USB connection allows recording and playback of two- or four-channel-WAV audio files. The port can also charge a portable device such as a phone or tablet. Flash drives connected to the USB port can be disconnected whenever the ACCESS light has turned off.

Monitoring

A dedicated knob controls the headphone output level of the bus MONITOR B (headphone output) found in the source group “Monitor” in the ROUTING screen. Further monitoring section settings are found on the SETUP->MONITORS page.

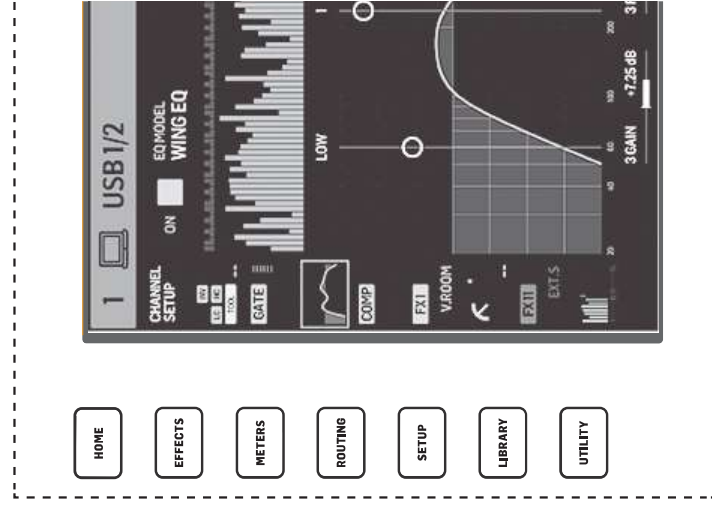
Talkback

The talkback mic level, Dim attenuation and other monitor settings and talkback signals can be sent to different destinations.



Either Channel 40 or Aux 8 can be used as the processing channel for a selected talkback channel.

Main Display



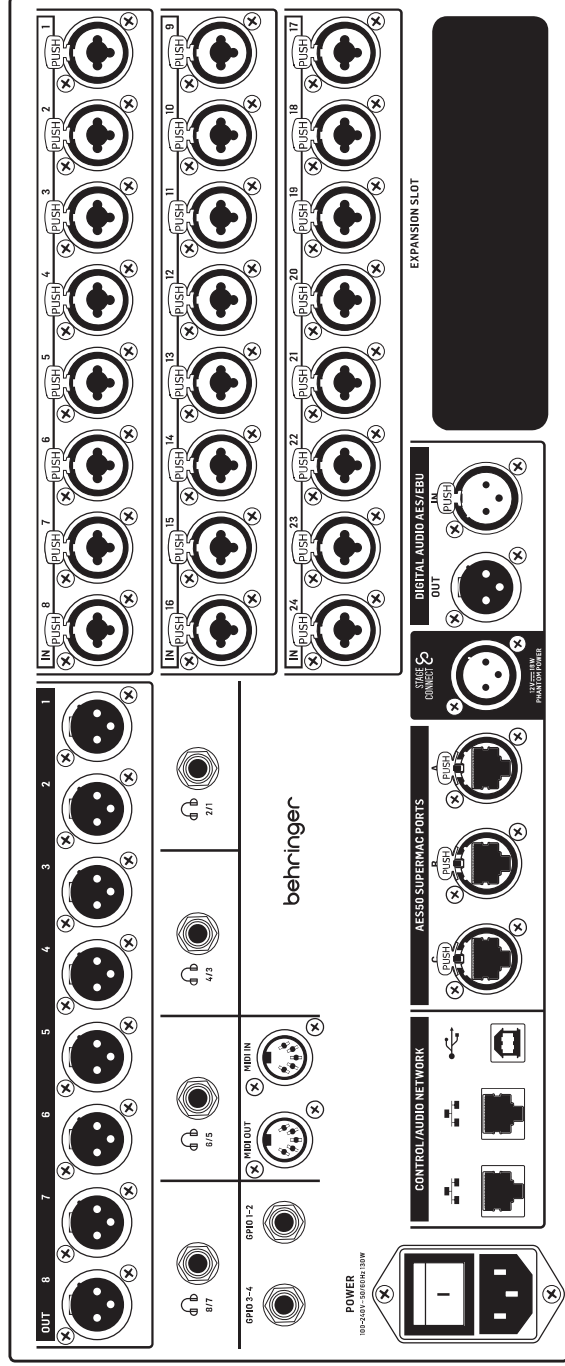
The seven buttons to the left of the display and the VIEW buttons located at the bottom of each screen is presented in Chapter 5.

The large stereo meter will either display the main bus or solo bus level.

WING RACK Overview

4. Rear Panel

Analog I/O, MIDI and GPIO

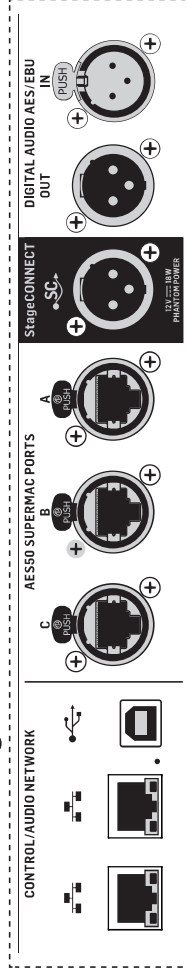


The rear panel analog connections include 24 Midas PRO series microphone preamps with combo jack connectors and 8 XLR outputs.

Four stereo headphones can be used for monitoring. To assign buses to these outputs, go to **ROUTING>OUTPUTS>LOCAL OUT**.

5-pin MIDI IN and OUT jacks allow external MIDI control, and a pair of 1/4" TRS jacks for up to four GPIOs allow basic input and output commands.

ETHERNET/AES50/Control/StageConnect

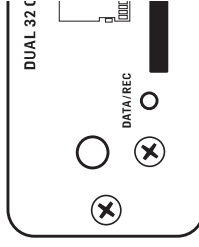


A pair of Ethernet ports allow a network to be set up via router for wired or wireless control using one of the control apps on a computer or mobile device.

The console also can be connected to a computer via the USB type B connector for the following uses:

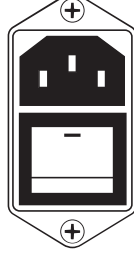
- 48 input/48 output audio interface. The corresponding ASIO driver can be downloaded from behinger.com.
- Firmware updates.

Expansion Slot



The WING console ships with the WING-LIVE card installed, which allows for live processing. Other cards include Dante, MADI and SoundGrid can be used for digital audio.

Power



Connect the included IEC cable.

5. Main Screens

Most of the advanced editing and control is done on the Main Display each section of the top panel.

There are six screens accessible via the buttons next to the Main Display:

- HOME
- EFFECTS
- METERS
- ROUTING
- SETUP
- LIBRARY

Note that the **UTILITY** button does not have a specific screen related to it. A status bar is displayed at the top of the screen to provide a quick reference to the current settings, setup menu, library functions and other tools.

HOME

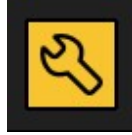
HOME



WING RACK Overview

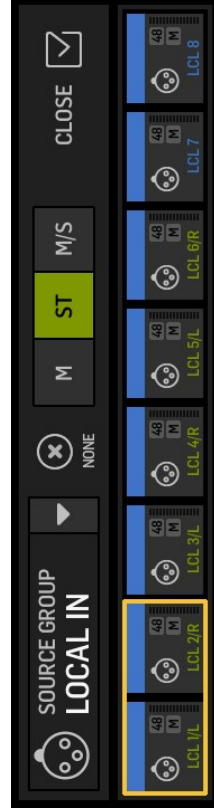
The screen defaults to an overview of the selected channel. This screen allows adjustment of basic parameters like pan and level, but mostly provides a starting point to access important processing blocks like EQ and dynamics.

The processing sequence of the gate, dynamics, EQ, and insert sections, as well as the tap point for the signal sent to the 16 buses can be adjusted by clicking on the wrench icon on the bottom-left corner of the HOME screen and dragging the blocks.



INPUT

The INPUT screen appears second in the left-hand column. The primary and alternate Source that is assigned to the current channel is selected here. Signals can be configured as mono, stereo or mid side with the corresponding M, ST and M/S buttons.



The FILTER screen is also a part of this section, allowing low cut, high cut and advanced filtering options like tilt filter and all-pass filter for phase alignment.

Finally, the DELAY (POST) controls the delay applied to the channel output signal. This delay is necessary for the signals driving loudspeakers further away from the main PA, for instance.

GATE

The GATE screen appears third in the left-hand column. The block defaults to a simple noise gate with common parameters like threshold and ratio, though other processors can be loaded on the Gate Model menu. This block's name will change to reflect the chosen model.

EQ

block defaults to a 6-band fully parametric equalizer for input channels, and an 8-band fully parametric equalizer for buses. A variety of digital and emulations of analog EQ models can be selected from the EQ Model menu.

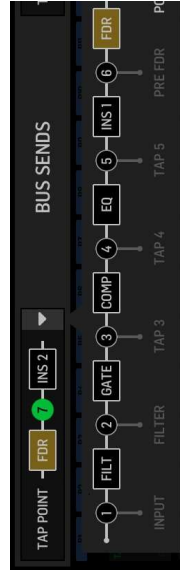
DYNAMICS

block offers a large selection of digital and emulations of analog compressors, expanders and limiters.

PRE FADER INSERT

Here internal or external effects from one of the 16 FX slots can be inserted into the channel. It can be positioned before or after the Gate, EQ and/or Dynamics blocks.

POST FADER INSERT



The HOME screens have a similar appearance when a bus, main or main INPUT screen, the bus send can be set to pre fader (according to the tap point) if channels will be routed to the bus for common processing, prior to the

EFFECTS



The EFFECTS screen controls all aspects of the effect processors. Users can adjust parameters and monitor levels.

The eight PREMIUM FX slots can accommodate every device (FX1-8, S, S, S, S, S, S, S). Note that the CH category contains four channel devices which integrate

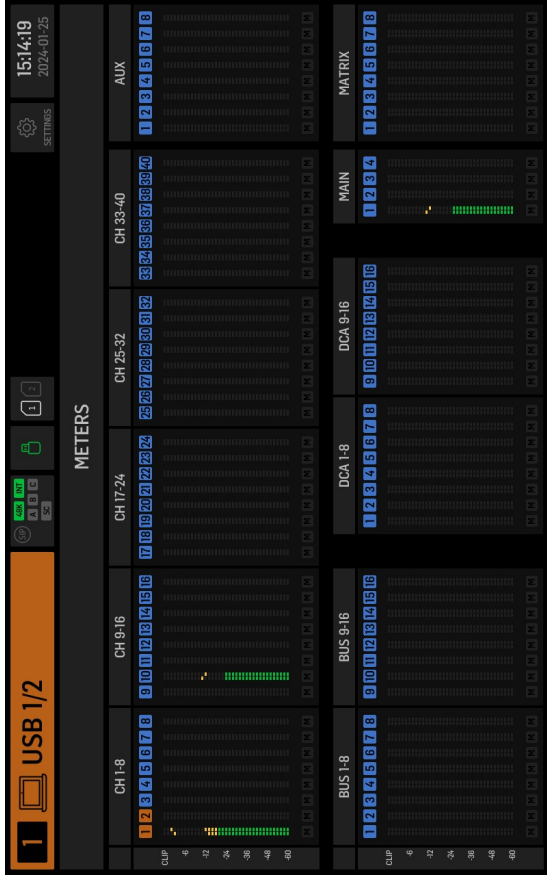
Up to 16 devices can be loaded onto the slots on the EFFECTS screen. The

available on the GATE, COMP and INS sections of each channel strip are

Effects are usually applied to channels in one of two ways: through bus sends, whereas dynamic processing is usually set up via insert points.

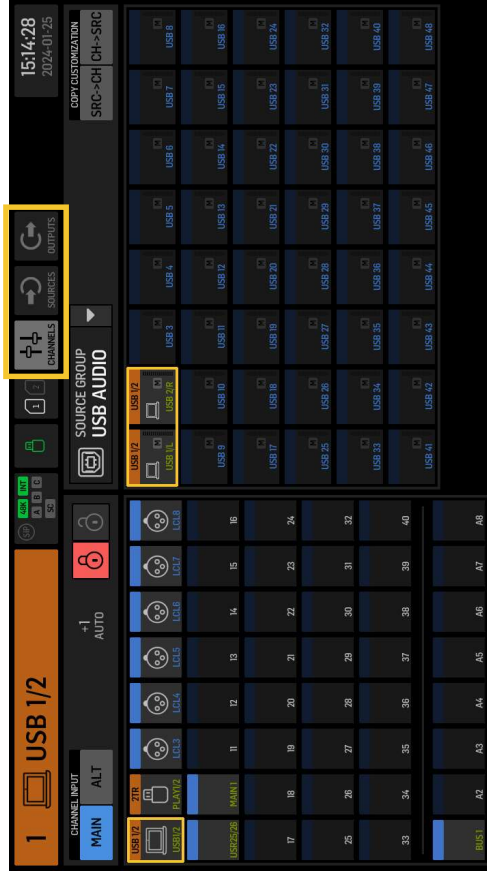
WING RACK Overview

METERS



The METERS screen displays level meters and mute status for all the signal paths on the console. The level meters are grouped accordingly: 40 input channels, 8 aux channels, 16 (auxiliary) buses, 16 DCAs, 4 main buses and 8 matrix buses. This screen also offers a fast shortcut to zooming into any of the above groups of channels for control or editing, by just touching it.

ROUTING



The “CHANNEL INPUT” menu controls whether the channel’s main or auxiliary channel can have two inputs permanently patched and switched across.



Before editing, the unlock icon must be clicked on. When lit green, editing is allowed.



The left half of the screen will display the 40 input channels and 8 auxiliary channels on the left.

After clicking on the desired channel, the source that drives that channel “GROUP”, you may choose between the following physical sources on the console:

- LOCAL IN: 24 physical microphone or line inputs.
- AES/EBU IN: two digital AES/EBU inputs.
- AES50A/AES50B/AES50C: three AES50 ports.
- USB AUDIO: the console can be used as an USB interface with 48 channels.
- EXP CARD: up to 64 inputs depending on the expansion cards installed.
- MODULE: up to 64 inputs via DANTE and SoundGrid cards are available.
- BUS: each of the 16 buses (stereo).
- MAIN: each of the 4 main buses (stereo).
- MATRIX: each of the 8 matrix buses (stereo).
- OSCILLATOR: two white noise, pink noise, or sine wave oscillators.
- STAGE CONNECT: 32 digital audio channels at 48kHz and 24 bits.
- USB PLAYER: 4 channels from the USB player (Type A port) on the console.
- USER SIGNAL: signals that can be derived from different points in the console through any of the 24 user patches.

When patching multiple adjacent channels, clicking on the “+1 AUTO” button



WING RACK Overview

Sources

When clicking on the Sources button, specific customization options for the sources will show up. All the source groups are accessible via the dropdown menu at the top of the screen.

It is possible to rename the source, configure it as a mono, stereo or mid-side source, activate phantom power (by holding down the 48V button), invert the polarity, add an icon, change the source color, and add mute group tags so that the source is muted when the corresponding mute group is active. Signals grouped into stereo or mid-side configurations can be fed into a single channel on the console.

If the signals are not adjacent (for example, LOCAL IN 1 and 3) or belong to different source groups (for example, Local IN 1 and AUX 1), they can be grouped using USER PATCHES.

The USER PATCHES are found in the USER SIGNAL source group and labeled USR 25 through 48. After clicking on a user patch, the signal fed into it is assigned on the right of the screen. User patches can be configured as mono, stereo or mid-side and used as Sources for channels on the console.

Outputs

When clicking on the Outputs button, routing options for the outputs will show up. Any source can be routed to any output.

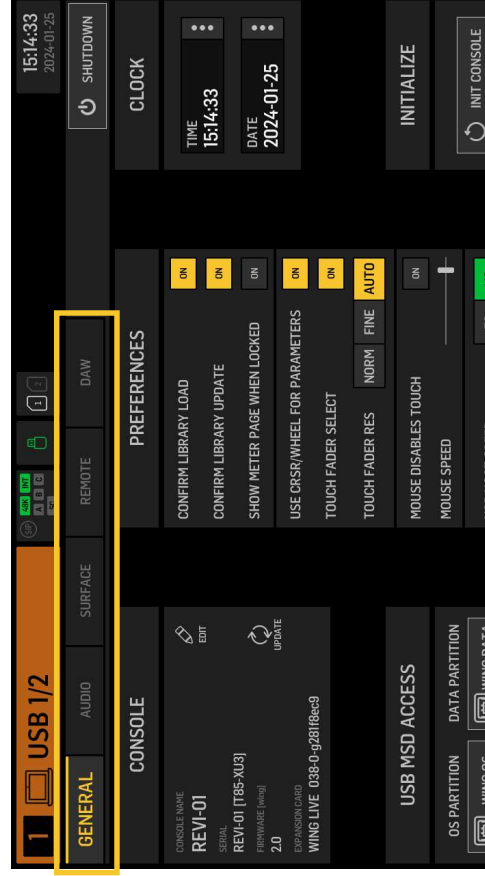


The left side of the screen will show the available digital and analog outputs. All output groups are accessible via the dropdown menu at the top of the screen.

The signal that will be fed into the selected output can be chosen on the right side of the screen. All the source groups are accessible via the dropdown menu at the top of the screen.

The output groups W LIVE REC and RECORDER control the routing for recording on two SD cards or on a USB flash drive connected to the front panel. Up to 64 channels can be recorded on the SD cards (32 on each card) or 4 channels on a USB flash drive. Up to 48 channels can be recorded on a computer connected via USB to the rear panel.

SETUP



Audio

The AUDIO CLOCK section controls the console's sample rate (CLOCK R). By clicking on the channel and aux bus grid below INPUT SELECT, it is PREFERENCES contains multiple muting and solo options.

Different solos can be set up as pre (PFL) or post fader (AFL).

USB AUDIO selects the number of channels available via the type-B USB. AUTOMIX automatically regulates the level of multiple sources so that talking on stage at the same time, for example. Up to 16 channels can

Surface

This screen contains multiple options regarding the console surface's

Remote

Multiple console settings can be controlled via MIDI, either via a DIN-5 controlled via which connection.

The HA REMOTE section controls the console's remote control via the The IP mode and address can be set up on the NETWORK section.

DAW

The WING console can be used as a DAW controller. The respective set dropdown menu.

For the console to function as a DAW controller, the REMOTE CONTROL

LIBRARY



WING RACK Overview

The SAVE button saves all the console's settings. SAVE+SCOPE allows the user to select specific content to be saved for specific channels. The NONE and ALL buttons allow a quicker selection of the desired content.

The snapshot will be saved either on the console's internal storage or on the USB flash drive connected to the front panel, depending on which location is selected on the top left corner of the screen.

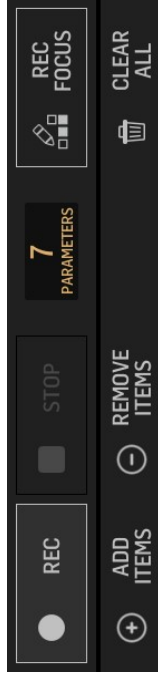


After changes have been made to the console's settings, these can be saved to a preexisting snapshot by clicking on the desired snapshot and then clicking on UPDATE. If only specific channels or contents should be updated, click on PARTIAL UPDATE and select the desired settings.

To load a snapshot with or without a defined scope, click on LOAD. A snapshot will always store all the parameters but only recall the specified ones when SAVE+SCOPE is used. To edit the SCOPE of an existing snapshot, click on EDIT SCOPE. Specific settings can also be loaded from a complete snapshot with the PARTIAL LOAD button.

SN/FP

Snippets can be used to recall more precise settings adjustments like specific processor changes in the channel strip. To select which settings will be stored in a snippet, click on the REC button and manually adjust the desired settings. The number of modified parameters will be displayed on screen. Make sure to click on STOP after all the changes have been made.



It is possible to add or remove parameters from a snippet using the ADD ITEMS and REMOVE ITEMS buttons.

GLOBAL

Any channel, bus, source, output, DCA, mute group or effect and its associated contents can be protected against being overridden when loading snapshots or snippets. To do so, click on the GLOBAL button on the top right-hand corner of the screen and specify what needs to be protected. Whenever a setting is protected, the lock icon will turn red.

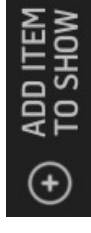


CLIP

The WING console can play .wav files from previously copied from a computer to the internal storage via the WING DATA USB connection, a USB flash drive connected to the front panel or .wav recordings made by the console and stored on a USB flash drive or on up to two SD cards in the rear panel.

SHOW

Snapshots, snippets, clips, FX setups and channel setups can be grouped as an item on the internal storage or flash drive, make sure the SHOW tab is selected.



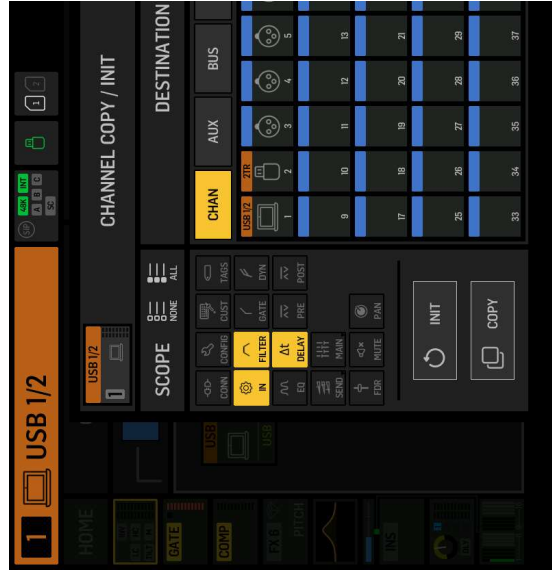
Click on the SAVE button in the SHOW tab.

Items in a Show can be arranged in a specific order. The item order will be displayed on the top left corner of the screen.



The items can be navigated using the SHOW CNTRL button on the center of the screen. Pressing GO+NEXT select and trigger the items automatically.

UTILITY



This button does not have its own screen, but rather works in conjunction with the SHOW button. Pressing GO+NEXT select and trigger the items automatically, bringing up additional options or settings for configuration, depending on the selected item.

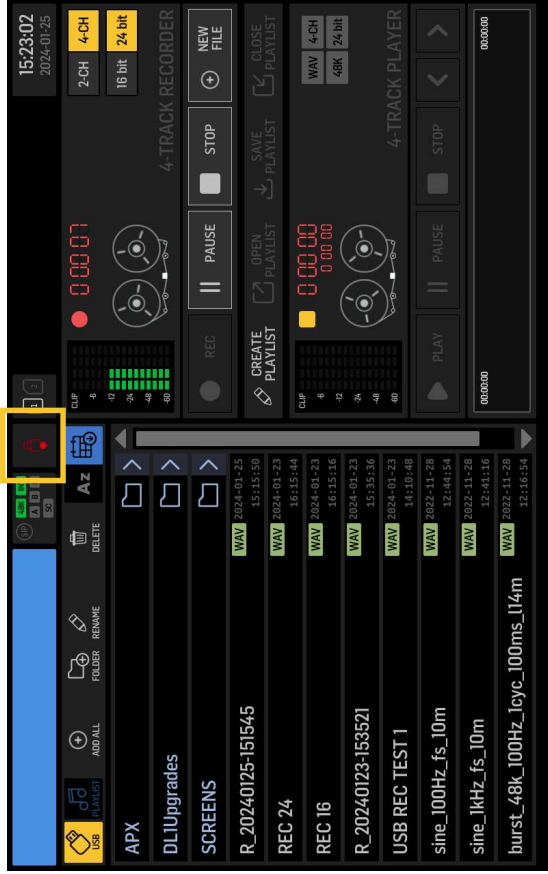
WING RACK Overview

6. Standalone recorders/players

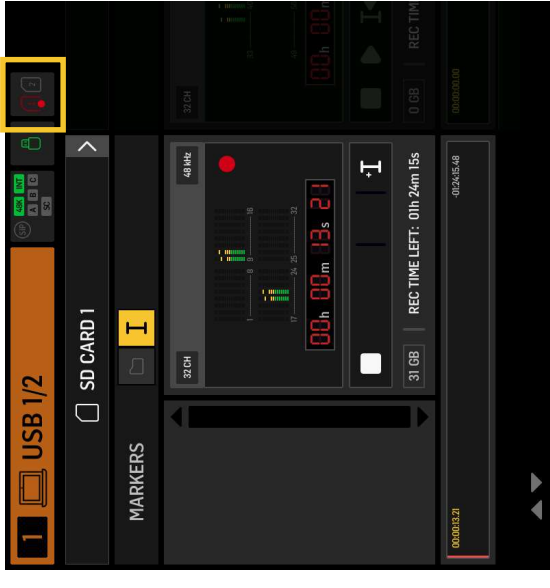
The USB and SD recorders and their corresponding players can be accessed via the icons at the top of the main display.



USB Recorder



WING-LIVE SD Recorder



Up to 64 channels can be recorded on two SD cards in the WING-LIVE assigned via the output group WLIVE REC on the OUTPUTS section of

WING RACK Overview

7. Firmware updates

The WING console firmware can be easily updated via USB. Download the firmware file from the product page on behinger.com and follow these steps:

1. Open the SETUP/GENERAL page and enable OS ACCESS.
2. Connect a USB cable to the rear panel port and to your computer.
3. A virtual drive will appear on your computer, similar to connecting a flash drive or external hard drive. Double click the drive to open.
4. Drag the new firmware file into the drive. *Note*, although WING will always boot using the most recent firmware in that drive, it is recommended to delete older firmware files or move them to a subfolder.

If the console does not boot up normally, you can still update the firmware using this procedure:

1. With console powered off, connect a USB cable to the rear panel port and to your computer.
2. Press and hold SETUP, then power the console on
3. An OS and DATA drive will appear on your computer, similar to connecting a flash drive or external hard drive. Double click a drive to open.
4. Drag the new firmware file into the OS drive.

NOTE: WING will always boot using the most recent firmware in that drive.

5. After the file has transferred, eject the virtual drive. The console should reboot automatically with the new firmware installed. If it doesn't, power cycle the console manually.

8. Shortcuts

PURPOSE	ENTER MODE	EFFECT
Disable the Main Display touch control	Hold CLR SOLO, SETUP, UTILITY	A small X is shown. A USB mouse can be used upon leaving.
Touch UI > Ghost Click Test	Hold SETUP and CLR SOLO for > 1.5s	Resets the touch UI for some time.
Enable OS DRIVE and surface test mode	Hold METERS and HOME for 5s while powering the console up	The console will boot into WING OS for surface test mode.
Shutdown and Restart	Hold SETUP while powering on	The console will restart.
Surface Lock	Hold EFFECT and press HOME after initiating Shutdown from Setup screen	Console will lock. Locks the console unaffected.
Initialize console (only temp storage, no snapshots etc. will be erased)	Hold the HOME button down for ~1.5s	Any combination was held down for unlocking when disconnected.
Take screenshot	Hold CLR SOLO then press UTILITY	Same as using a mouse to load any save data into the console.
Bypass automatic load of startup files	Hold CLR SOLO then press UTILITY	Stores a backup of 'screens' new.
Configuring optional hardware, i.e. internal AolP modules for Dante or WSG	Hold LIBRARY while powering the console up	Does not load the STARTUP files.
	Hold UTILITY for 5s while powering on	Configurati