

WA-WL

INLINE ACTIVE MICROPHONE PREAMP



WARM[™]
AUDIO

THANK YOU!

Thank you for purchasing the Warm Audio Warm Lifter inline active microphone preamp. We feel this product offers the best in terms of sound, function, and vibe from the classic era of analog recording. We don't cut corners when it comes to what goes into our products, and the WA-WL is no exception.

The Warm Audio Warm Lifter is an inline active microphone preamp designed for low-output dynamic and ribbon mics with premium features for live & studio use. Sporting extra critical features, the Warm Lifter delivers 26dB of true analog gain to any low-output mic, and boasts a 100Hz high-pass filter and a 3kHz high-shelf boost.

With no-compromise components and elite build quality, the WA-WL delivers premium features designed for low-output mics at an unthinkable price.

Bryce Young

President

Warm Audio

Austin, Texas USA

REGISTER YOUR WA-WL!

Before we begin, please take the time to visit www.warmaudio.com to register your product. To ensure you receive proper and uninterrupted warranty support for your product, please register your unit within

WARRANTY STATEMENT

Warm Audio warranties this product to be free from defect in materials and workmanship for one year from the date of purchase, for the original purchaser to whom this equipment is registered. This warranty is non-transferrable.

This warranty is void in the event of damage incurred from unauthorized service to this unit, or from electrical or mechanical modification to this unit. This warranty does not cover damage resulting from abuse, accidental damage, misuse, improper electrical conditions such as mis-wiring, incorrect voltage or frequency, unstable power, disconnection from earth ground (for products requiring a 3 pin, grounded power cable), or from exposure to hostile environmental conditions such as moisture, humidity, smoke, fire, sand or other debris, and extreme temperatures.

Warm Audio will, at its sole discretion, repair or replace this product in a timely manner. This limited warranty extends only to products determined to be defective and does not cover incidental costs such as equipment rental, loss of revenue, etc. Please visit us at www.warmaudio.com for more information on your warranty, or to request warranty service.

This warranty applies to products sold in the United States of America. For warranty information

in any other country, please refer to your local Warm Audio distributor. This warranty provides specific legal rights, which may vary from state to state. Depending on the state in which you live, you may have rights in addition to those covered in this statement. Please refer to your state laws or see your local Warm Audio retailer for more information.

NON-WARRANTY SERVICE

If you have a defective unit that is outside of our warranty period or conditions; we are still here for you and can get your unit working again for a modest service fee. Please visit us at www.warmaudio.com to contact us about setting up a repair or for more information.

With the proper care, your Warm Audio gear should last a lifetime and provide a lifetime of enjoyment. We believe the best advertisement we can have is a properly working unit being put to great use. Let's work together to make it happen.

NOW LET'S GET STARTED!

INTRODUCTION



The Warm Audio Warm Lifter is an inline active microphone preamp specifically designed to enhance the performance of low-output dynamic and ribbon microphones, featuring both familiar and premium functionality tailored for live and studio use. With 26dB of true analog gain and adaptive impedance matching, the Warm Lifter ensures professional power delivery to any low-output microphone connected to audio interfaces or mixers. In addition to providing clean gain, the Warm Lifter includes a 100Hz high-pass filter and a 3kHz high-shelf boost to sculpt audio for varying mics and situations.

LOW-OUTPUT MIC MAGIC

The Warm Lifter offers 26 dB of clean gain to low-output microphones, including passive ribbons and certain dynamic models, ensuring optimal performance in both recording and live scenarios where additional gain is crucial for accurate detail and frequency response, especially when connected directly to interfaces.

TRUE 26DB OF CLEAN GAIN

Warm Lifter will always deliver 26dB of clean output gain, regardless of the mic that you choose. Unlike some inline preamps, signal boosters, and lifters, the circuit design of the Warm Lifter protects your recording from signal loss or phase issues by ensuring there is no “mismatching” of impedance between your mic of choice and the Warm Lifter.

ADDED FREQUENCY FLEXIBILITY

The Warm Lifter has a selectable 100 Hz high-pass filter to remove unruly low end frequencies for added clarity and detail. Additionally, the Warm Lifter has a selectable 3 kHz high-shelf boost to emphasize the upper-mids and highs for clarity and detail boosted on darker mics.

IMPEDANCE MATCHING

The Warm Lifter input impedance is 2.4k Ohm, and will consistently act as a matchmaker between low-output microphones and interfaces/mixers to solve common impedance mismatch problems like signal loss, altered frequency response, and phase issues.

STUDIO SOUND & ROAD-READY

The Warm Lifter houses an ultra low-noise JFET input with a fully balanced (ins/outs) signal path and operates on 48v phantom power. The incredibly durable build quality adds to the total package to deliver a critical piece of audio utility gear that you will want by your side at all times.

SPECIFICATIONS

- Inline Active Microphone Preamp
- Ultra Low Noise JFET Input
- Balanced (In/Out) Signal Path
- 26 dB Of True Analog Gain
- Selectable 100 Hz (12 dB) High-Pass Filter | Selectable 3 kHz (2.5 dB) High-Shelf Boost
- Input Impedance: 2.4k Ohm | Output Impedance: 150 Ohm
- Max-Input: -6 dBu (388mV rms) | Max-Output: 20 dBu (7.75V rms)
- THD+N ratio 1 kHz @ 14dBu: <-107dB (0.00047%)
- Output Noise: 7.75 uV (A-weighted) with 150 Ohm Input
- Frequency Response: 10-200kHz +/-0.2 dB
- 48v Phantom Powered With 4.7mA Current Draw

SPÉCIFICATIONS (FRANÇAIS)

- Préamplificateur de Microphone Actif en Ligne
- Entrée JFET Ultra Faible Bruit
- Chemin de Signal Équilibré (Entrée/Sortie)
- 26 dB de Vrai Gain Analogique
- Filtre Passe-Haut Sélectionnable à 100 Hz (12 dB) | Boost de Fréquences Hautes Sélectionnable à 3 kHz (2.5 dB)
- Impédance d'Entrée : 2.4k Ohm | Impédance de Sortie : 150 Ohm
- Entrée maximale : -6 dBu (388mV rms) | Sortie maximale : 20 dBu (7,75V rms)
- Rapport THD+N à 1 kHz @ 14dBu : <-107dB (0,00047%)
- Bruit de Sortie : 7.75 uV (A-pondéré) avec une Impédance d'Entrée de 150 Ohm
- Réponse en fréquence : 10-200kHz +/-0,2 dB
- Alimentation Fantôme 48v Avec une Consommation de Courant de 4.7mA

ESPECIFICACIONES (ESPAÑOL)

- Preamplificador de Micrófono Activo en Línea
- Entrada JFET Ultra Bajo Ruido
- Ruta de Señal Equilibrada (Entrada/Salida)
- 26 dB de Verdadero Ganancia Analógica
- Filtro Paso Alto Seleccionable a 100 Hz (12 dB) | Refuerzo de Alta de 3 kHz (2.5 dB)
- Impedancia de Entrada: 2.4k Ohm | Impedancia de Salida: 150 Ohm
- Máximo de entrada: -6 dBu (388mV rms) | Máximo de salida: 20 dBu (7,75V rms)
- Relación THD+N a 1 kHz @ 14dBu: <-107dB (0,00047%)
- Ruido de Salida: 7.75 uV (A-ponderado) con Impedancia de Entrada de 150 Ohm
- Respuesta en frecuencia: 10-200kHz +/-0,2 dB
- Alimentado con Phantom 48v con un Consumo de Corriente de 4.7mA

SPEZIFIKATIONEN (DEUTSCH)

- Inline Aktiver Mikrofon-Vorverstärker
- Ultraniedriger JFET-Eingang
- Ausgewogener (Ein-/Ausgang) Signalpfad
- 26 dB echter analoger Gewinn
- Wählbarer 100 Hz (12 dB) Hochpassfilter | Wählbarer 3 kHz (2.5 dB) Hochregal-Boost
- Eingangsimpedanz: 2.4k Ohm | Ausgangsimpedanz: 150 Ohm
- Max.-Eingang: -6 dBu (388mV rms) | Max.-Ausgang: 20 dBu (7,75V rms)
- THD+N-Verhältnis 1kHz @ 14dBu: <-107dB (0,00047%)
- Ausgangsrauschen: 7.75 uV (A-bewertet) mit 150 Ohm Eingang
- Frequenzantwort: 10-200kHz +/-0,2 dB
- 48V Phantomspeisung mit 4.7mA Stromaufnahme

规格 (中文)

- 内联主动麦克风前置放大器
- 超低噪声JFET输入
- 平衡(输入/输出)信号路径
- 26 dB真正的模拟增益
- 可选择的100 Hz (12 dB) 高通滤波器 | 可选择的3 kHz (2.5 dB) 高架增益
- 输入阻抗: 2.4k欧姆 | 输出阻抗: 150欧姆
- 最大输入: -6 dBu (388mV有效值) | 最大输出: 20 dBu (7.75V有效值)
- THD+N比率1kHz @ 14dBu: <-107dB (0.00047%)
- 输出噪声: 7.75 μ V (A加权) 与150欧姆输入
- 频率响应: 10-200kHz +/-0.2 dB
- 48V幻象供电, 电流为4.7mA

사양 (한국어)

- 인라인 액티브 마이크 프리앰프
- 초저 잡음 JFET 입력
- 균형 (입력/출력) 신호 경로
- 실제 아날로그 게인 26 dB
- 선택 가능한 100 Hz (12 dB) 하이패스 필터 | 선택 가능한 3 kHz (2.5 dB) 하이셀프 부스트
- 입력 임피던스: 2.4k 옴 | 출력 임피던스: 150 옴
- 최대 입력: -6 dBu (388mV rms) | 최대 출력: 20 dBu (7.75V rms)
- THD+N 비율 1kHz @ 14dBu: <-107dB (0.00047%)
- 출력 잡음: 7.75 uV (A-가중치) 150 옴 입력
- 주파수 응답: 10-200kHz +/-0.2 dB
- 48v 팬텀 파워 공급, 4.7mA의 전류 소비



Safety Warning for Products

Please pay attention to the following safety instructions to ensure safe use of your electronic product:

1. **Power Supply:** Use only the recommended power supply and the correct cables to avoid overheating or short circuits.
2. **Water Protection:** Keep the product away from water and other liquids. Do not use it in damp environments.
3. **Ventilation:** Ensure that the device is adequately ventilated. Do not block ventilation openings to prevent overheating.
4. **Repairs:** Do not attempt to repair the product yourself. Contact an authorized service partner to avoid damage or injury.
5. **Children:** Keep the product out of reach of children. It contains small parts and can be dangerous if misused.
6. **Visible Damage:** Regularly check the product for visible damage. Do not use it if it is damaged.

Please read the user manual carefully and follow all safety instructions. Your safety is our top priority!

Warnhinweis zur Produktsicherheit

Bitte beachten Sie die folgenden Sicherheitshinweise, um eine sichere Nutzung Ihres elektronischen Produkts zu gewährleisten:

1. Stromversorgung: Verwenden Sie nur die empfohlene Stromversorgung und die richtigen Kabel, um Überhitzung oder Kurzschlüsse zu vermeiden.
2. Wasserschutz: Halten Sie das Produkt von Wasser und anderen Flüssigkeiten fern. Verwenden Sie es nicht in feuchten Umgebungen.
3. Belüftung: Stellen Sie sicher, dass das Gerät ausreichend belüftet ist. Blockieren Sie keine Lüftungsschlitze, um Überhitzung zu verhindern.
4. Reparaturen: Versuchen Sie nicht, das Produkt selbst zu reparieren. Wenden Sie sich an einen autorisierten Servicepartner, um Schäden oder Verletzungen zu vermeiden.
5. Kinder: Halten Sie das Produkt außerhalb der Reichweite von Kindern. Es enthält kleine Teile und kann gefährlich sein, wenn es unsachgemäß verwendet wird.
6. Sichtbare Schäden: Überprüfen Sie das Produkt regelmäßig auf sichtbare Schäden. Verwenden Sie es nicht, wenn es beschädigt ist.

Bitte lesen Sie die Bedienungsanleitung sorgfältig durch und befolgen Sie alle Sicherheitsanweisungen. Ihre Sicherheit hat für uns oberste Priorität!

Avertissement de sécurité pour les produits

Veillez prêter attention aux consignes de sécurité suivantes afin de garantir une utilisation sûre de votre produit électronique :

1. Alimentation électrique : Utilisez uniquement l'alimentation électrique recommandée et les câbles adéquats pour éviter toute surchauffe ou tout court-circuit.
2. Protection contre l'eau : Conservez le produit à l'abri de l'eau et d'autres liquides. Ne l'utilisez pas dans des environnements humides.
3. Ventilation : Veillez à ce que l'appareil soit correctement ventilé. Ne bloquez pas les ouvertures de ventilation afin d'éviter toute surchauffe.
4. Réparations : N'essayez pas de réparer le produit vous-même. Contactez un partenaire de service autorisé afin d'éviter tout dommage ou blessure.
5. Enfants : Gardez le produit hors de portée des enfants. Il contient de petites pièces et peut être dangereux s'il est mal utilisé.
6. Dommages visibles : Vérifiez régulièrement que le produit ne présente pas de dommages visibles. Ne l'utilisez pas s'il est endommagé.

Veillez lire attentivement le manuel de l'utilisateur et suivre toutes les consignes de sécurité. Votre sécurité est notre priorité absolue!

Advertencia de seguridad para los productos

Por favor, preste atención a las siguientes instrucciones de seguridad para garantizar un uso seguro de su producto electrónico:

1. Fuente de alimentación: Utilice únicamente la fuente de alimentación recomendada y los cables correctos para evitar sobrecalentamientos o cortocircuitos.
2. Protección contra el agua: Mantenga el producto alejado del agua y otros líquidos. No lo utilice en ambientes húmedos.
3. Ventilación: Asegúrese de que el dispositivo está adecuadamente ventilado. No bloquee las aberturas de ventilación para evitar el sobrecalentamiento.
4. Reparaciones: No intente reparar el producto usted mismo. Póngase en contacto con un servicio técnico autorizado para evitar daños o lesiones.
5. Niños: Mantenga el producto fuera del alcance de los niños. Contiene piezas pequeñas y puede ser peligroso si se utiliza incorrectamente.
6. Daños visibles: Compruebe regularmente si el producto presenta daños visibles. No lo utilice si está dañado.

Lea atentamente el manual del usuario y siga todas las instrucciones de seguridad. ¡Su seguridad es nuestra máxima prioridad!

Avvertenze di sicurezza per i prodotti

Si prega di prestare attenzione alle seguenti istruzioni di sicurezza per garantire un uso sicuro del prodotto elettronico:

1. Alimentazione: Utilizzare solo l'alimentazione raccomandata e i cavi corretti per evitare surriscaldamenti o cortocircuiti.
2. Protezione dall'acqua: Tenere il prodotto lontano da acqua e altri liquidi. Non utilizzarlo in ambienti umidi.
3. Ventilazione: Assicurarsi che il dispositivo sia adeguatamente ventilato. Non ostruire le aperture di ventilazione per evitare il surriscaldamento.
4. Riparazioni: Non tentare di riparare il prodotto da soli. Rivolgersi a un centro di assistenza autorizzato per evitare danni o lesioni.
5. Bambini: Tenere il prodotto fuori dalla portata dei bambini. Contiene parti di piccole dimensioni e può essere pericoloso se usato in modo improprio.
6. Danni visibili: Controllare regolarmente che il prodotto non presenti danni visibili. Non utilizzare il prodotto se è danneggiato.

Si prega di leggere attentamente il manuale utente e di seguire tutte le istruzioni di sicurezza. La tua sicurezza è la nostra massima priorità!

Veiligheidswaarschuwing voor producten

Let op de volgende veiligheidsinstructies voor een veilig gebruik van uw elektronische product:

1. Stroomvoorziening: Gebruik alleen de aanbevolen voeding en de juiste kabels om oververhitting of kortsluiting te voorkomen.
2. Bescherming tegen water: Houd het product uit de buurt van water en andere vloeistoffen. Gebruik het niet in vochtige omgevingen.
3. Ventilatie: Zorg voor voldoende ventilatie van het apparaat. Blokkeer de ventilatieopeningen niet om oververhitting te voorkomen.
4. Reparaties: Probeer het product niet zelf te repareren. Neem contact op met een erkende servicepartner om schade of letsel te voorkomen.
5. Kinderen: Houd het product buiten het bereik van kinderen. Het bevat kleine onderdelen en kan gevaarlijk zijn bij verkeerd gebruik.
6. Zichtbare schade: Controleer het product regelmatig op zichtbare schade. Gebruik het niet als het beschadigd is.

Lees de gebruikershandleiding zorgvuldig door en volg alle veiligheidsinstructies op. Uw veiligheid is onze topprioriteit!

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