



USER MANUAL

WWW.LANEY.CO.UK

LR5

DESIGNED & ENGINEERED IN THE UK BY LANEY

WELCOME

Dear Player,

Thank you very much for purchasing your new Laney product and becoming part of the worldwide Laney family. Each and every Laney unit is designed and built with the utmost attention to care and detail, so I trust yours will give you many years of enjoyment.

Laney products have a heritage which stretches back to 1967 when I first began building valve amplifiers in my parent's garage.

Since then we have moved on from strength to strength developing an extensive range of guitar, bass, public address and keyboard amplification products along with a list of Laney endorsees that includes some of the world's most famous and respected musicians.

At the same time we believe we have not lost sight of the reason Laney was founded in the first place - a dedication to building great sounding amplification for working musicians.

Warm Regards,

A handwritten signature in black ink, appearing to read 'Lyndon Laney', written in a cursive style.

Lyndon Laney
Chairman and Founder.

The Linebacker series is a state of the art, processor-based design, enabling a wide range of different sounds to be created from your guitar.

The 5W LR5 model, great for bedroom, practice or busking. Features a 6" custom driver, one instrument channel, one microphone channel, eleven built in amp models and range of "must have" effects like; chorus, phase, flange, tremolo, reverb and delay. Providing everything you need from clean tones to full-out overdrive. Also provided is a handy built in guitar tuner so you always have the best possible sound.

On the rear panel can be found the controls & sockets for the Microphone & Headphones, along with the DC Power In socket and Power switch.

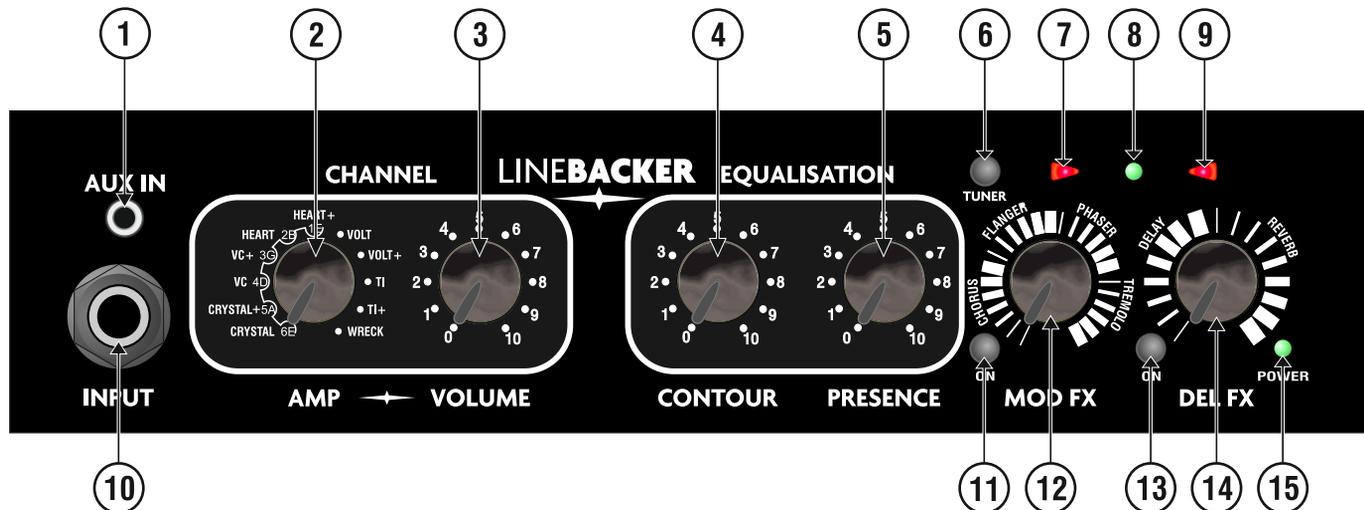
The cabinet features an open back design enabling easy stowage of Power Supply, cables, etc. With its included Guitar Style strap, the amp is easily transported to wherever your sounds are needed the most.

To enable you to get the most from your new Laney amp please read and retain this manual.

Best wishes from all at Laney



TOUR OF THE CONTROLS



- | | | |
|------------------------------|----------------------------|---|
| ① AUX IN Jack | ⑥ TUNER & Button | ⑪ MOD FX on/off Button |
| ② AMP/TUNER Selector Control | ⑦ MOD FX LED | ⑫ MOD FX Control-Chorus, Flanger, Phaser, Tremolo |
| ③ VOLUME Control | ⑧ TUNER LED | ⑬ DEL FX on/off Button |
| ④ CONTOUR Control | ⑨ DEL FX LED | ⑭ DEL FX Control-Delay, Reverb |
| ⑤ PRESENCE Control | ⑩ GUITAR INPUT Jack Socket | |



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BATTERY COMPARTMENT

- 15 POWER ON LED
- 16 12V DC Inlet Socket
- 17 POWER Switch
- 18 MIC Socket
- 19 MIC VOLUME

- 20 PHONES/RECORD OUT Socket
- 21 SECURITY SLOT
- 22 MODEL & SERIAL No

QUICK START SECTION:-Powering up

DC Power Supply: Your LR5 comes supplied with a 12V DC Power Supply, this is easily fitted between the mains outlet and the amp. When using the amp with the power supply a few precautions should be followed:

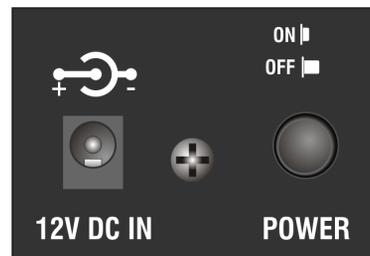
- 1). Only use the DC Power supply that is supplied by the manufacturer. The use of other DC Power Supplies may cause damage or other problems.
- 2). Turn the power switch to OFF and disconnect any other attached devices, before plugging in and turning ON the DC Power Supply.
- 3). When the DC Plug is connected to the socket, the battery compartment is isolated from the unit. Both the DC Power Supply and the battery tray are independent of each other.
- 4). Although no harm will come to the batteries if left in place whilst the DC Power supply is being used, it is recommended that they be removed. Use either one power source or the other.

Batteries: The use of a DC Power Supply is recommended as the units main power source, however, should you prefer to use batteries, use only **Alkaline type (LR6)**.

Used continuously the batteries will last for approximately 13 hours. (This will vary greatly with the actual conditions of use). As the batteries run down, the power indicator on the fascia panel will become dim when the battery power is too low. Replace the batteries or revert to the DC Power Supply.

Fitting Batteries: When installing or replacing batteries, always turn the power switch to the OFF position and disconnect any other devices you have may have connected. This prevents damage to your speaker and/or other devices. Follow the photo sequence to fit a set of batteries.

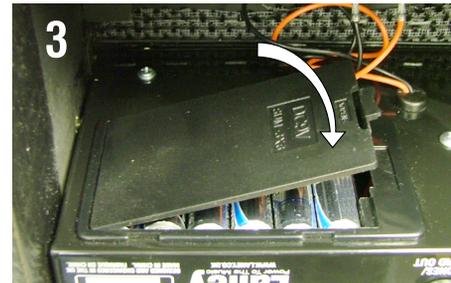
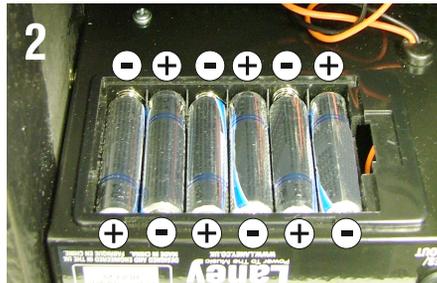
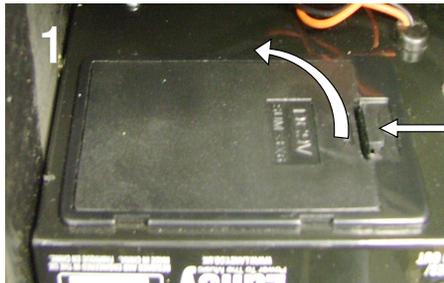
- 1). Turn the amplifier upside down to access the battery tray that is located under the chassis, place the amp on a piece of felt or cloth to avoid damage.
- 2). Push the catch to release, then lift out the lid of the battery tray and insert 6 AA batteries, ensure that the orientation is correct to the legend on the tray.
- 3). When closing the lid of the battery tray, insert the tabs opposite the catch first, then push the lid down until a click is heard.





If used incorrectly batteries may leak or explode and cause damage or injury, please take the following precautions.

- 1). Carefully follow the installation instructions for fitting new batteries, especially the polarity.
- 2). Avoid mixing new batteries with old or part used batteries.
- 3). Avoid mixing battery types.
- 4). Do not try to recharge or take apart alkaline batteries.
- 5). Remove the batteries from the unit if it is not going to be used for a long time.
- 6). If batteries have leaked in the battery tray, remove the batteries and all traces of the discharge from the tray. Use caution so that none of the discharge gets near the skin or the eyes. Any affected areas should be immediately rinsed with cold running water; seek medical advice,
- 7). Do not dispose of used batteries in fire or water systems. Batteries must not be exposed to excessive heat such as sunlight, fire or the like.
- 8). Used batteries should always be disposed of in compliance with the current regulations applicable to the country/region where you live.

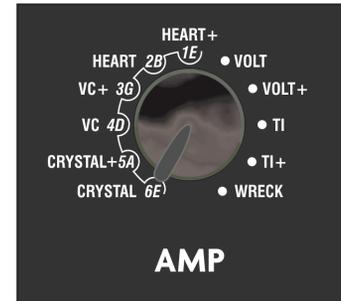


Attaching the Strap: Attach the supplied strap to the buttons on each side of the cabinet securely, so that it does not become detached causing damage or injury.

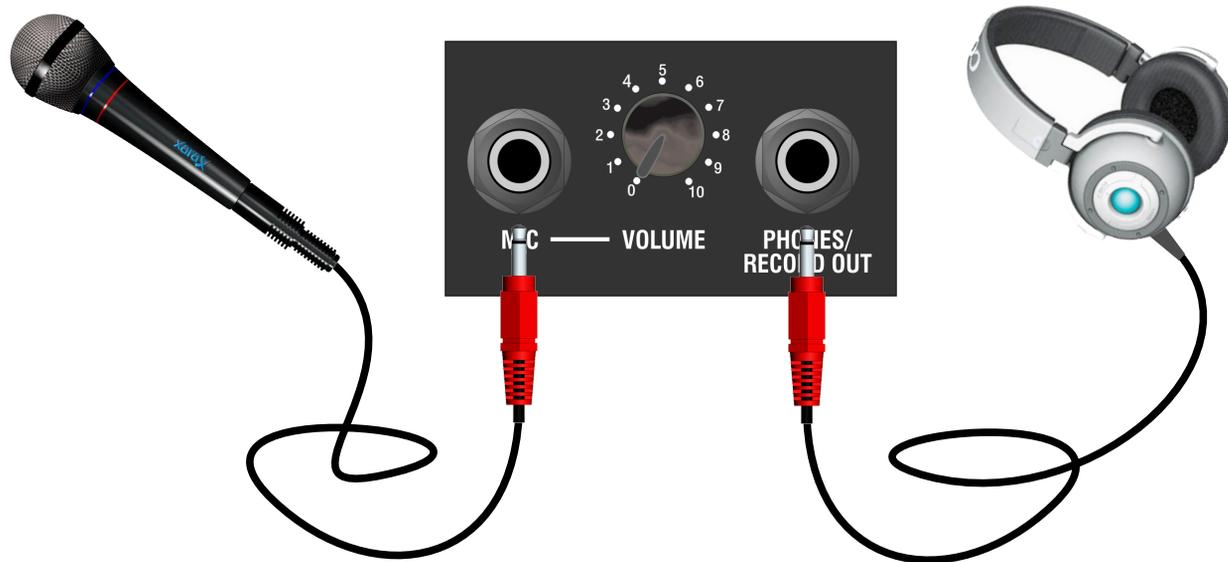
QUICK START SECTION:-CONTROLS:
get up & running quickly

Now the power supply is connected or the batteries are fitted read on.

- ⑩ **POWER:** This is the power ON/OFF switch.
- ⑩ **INPUT JACK:** Connect your guitar here. Use only good quality cables to avoid poor sound quality.
- ② **TUNER/AMP MODEL SELECTION:** Choose from the various pre programmed amp models
- ③ **VOLUME CONTROL:** Adjust the volume level of the instrument connected to the Input Jack.
- ④⑤ **EQUALISATION CONTOUR/PRESENCE:** This set of tone controls can have a great effect on your sound.
- ⑦⑪⑫ **MOD FX:** Choose from Chorus, Flanger, Phaser or Tremolo.
- ⑨⑬⑭ **DEL FX:** Choose from Delay or Reverb.



- ⑱⑲ **MIC SOCKET & VOLUME CONTROL:** Connect your microphone and adjust its volume. Use only dynamic microphones, electret & condenser mic's will not work.



- ⑳ **HEADPHONE/RECORD OUT:** A rear panel 6.35" stereo jack is provided for headphone use.

IN DEPTH

- ⑩⑥ **12V DC POWER SOCKET:** Connect to your DC Power Supply. Make sure the voltage marked on the DC Power Supply matches the outlet voltage for your country!
- ⑩⑤⑩⑦ **POWER:** This is the main power ON/OFF switch. After switch on, all of the LED's on the fascia light up momentarily, after a couple of seconds the LED's indicate the previous settings used: i.e. If the amp was last used with Chorus & Reverb, the MOD FX & DEL FX LED's will be lit. The Power LED will also be lit with the switch in the ON position..
- ⑩⑧ **INPUT JACK:** Connect your guitar here. Use only good quality cables to avoid poor sound quality.
- ① **AUX IN JACK:** Use this input for CD/MP3 players to allow you to play along to the music or use as backing. For use with standard stereo 3.5mm jack leads. The overall volume of your player is controlled by the its own volume control.

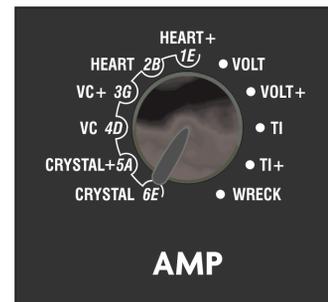


TIP (NOTE: This input is not muted when in the guitar tuner is in use).

- ② **AMP:** This control allows the user to select from the various factory pre programmed amp models. These are not just guitar amp settings, used as a starting point, each can be configured as a compilation of amp and/or EQ/effect set-ups to give some of music's most inspirational sounds. There is a vast choice to suit your own style & taste.

TIP

⑩ (Descriptive table to follow Page 14)

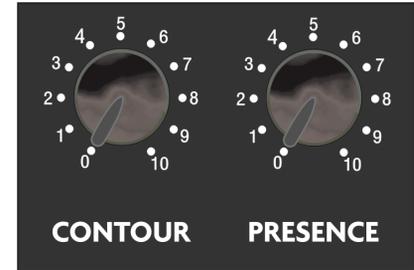


③ **VOLUME CONTROL:** Controls the volume of the instrument connected to the Input Jack. This control does not have any effect on any microphone connected to the amp.

④⑤ **EQUALISATION CONTOUR/PRESENCE:** As the name suggests this set of controls can have a great effect on your sound. Basically the Contour control is a mix of conventional Bass & Mid controls, and the Presence acts more as a Bright/Tone Control.

⑦⑪⑫ **MOD FX:** Activate by pressing the ON Button. This control applies various effects to make your own unique sound. Choose from Chorus, Flanger, Phaser or Tremolo depending on the style required or the Amp Model chosen, the LED will flash according to the modulation of effect used.

⑨⑬⑭ **DEL FX:** Activate by pressing the ON button. The first section of the rotary control adjusts the length of Delay applied to the signal, the LED will flash according to the delay time. The second half of the control adjusts the length of Reverb applied to the signal from Room to Cathedral.



TIP

The really important thing is to experiment with the EQ and FX controls, because they effect each amp model in a different way.

The cool sounds you discover can be noted in the user settings section. (Page 17/18)

①9 **MIC VOLUME:** Controls the volume of the Mic connected to the Mic Input Socket. This control is independent from the instrument volume control on the fascia.

①8 **MIC SOCKET:** Connect a microphone here. Please note the following when a mic is connected to the amp:
The location of the microphone relative to the amp could cause feedback as could the volume level being too high. Both are easily remedied.

TIP Use a Dynamic Mic only, you can not use a condenser mic or a plug-in powered mic that requires a power supply.

②0 **HEADPHONE/RECORD OUT:** A rear panel 6.35" stereo jack is provided for headphone use. This output may also be used to connect to a mixing desk for recording if required.

TIP (The internal speaker is automatically disconnected when using phones.
If your Phones have a 3.5mm jack an adaptor will be required)

②1 **SECURITY SLOT:** You can connect commercially available anti-theft cables and other security devices to the amp.

TIP See <http://www.kensington.com/>

②2 **SERIAL NO:** Displays the model and serial number of the unit.



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TUNER OPERATION: By pressing the Tuner Button the amplifier will Mute and the tuner function will be activated.

The round LED will flash to indicate Tuner operation.

The AMP selector should then be used to select each string in turn to be tuned.

These are E,B,G,D,A,E and numbered 1-6 with 1 being the High "E" and 6 being Low "E"

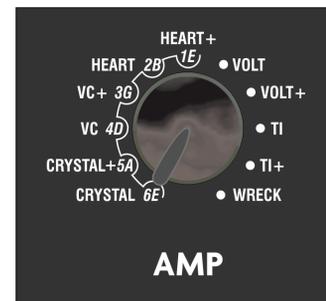
Adjust the string tension to make just the centre LED light.
(As the tune is approached, the centre LED and the LED from the direction of tune will speed up flashing to show you are getting close to the in tune position.)

When in tune the LEDs will stop flashing and only the Centre LED will be continuously lit.

Repeat this for each string and then go back through them again to make final adjustments if required.

To exit the tuner function press the tuner button.
Alternatively remove the input jack and replace.

(You will be returned to the channel and sound settings prior to tuning.)



Linebacker Sounds	Tone Description	Amp modelled
Crystal	Pure & Clean	Clean channel of an LC amp - bright and full
Crystal +	Clean with Compression	Clean channel of an LC amp - bright and full + a clean boost pedal to give more low end
VC	Clean & Warm	A VC combo set clean
VC+	1 x 12" Combo Semi Distorted	A VC combo with the drive channel switched to give a semi broken up tone
Heart	1 x 12" Classic vintage tone	Lionheart Combo on the clean channel pushed hard giving you a classic semi distorted vintage tone
Heart +	1 x 12" Classic vintage distorted tone	Lionheart combo with more gain dialled in
Volt	Classic rock distortion	Tube head and cab combination - set to give you a crunch tone
Volt +	Classic rock solo tone	Tube head driven hard - more gain dialled in
TI	Crushing rhythm tone	TI signature head pushed
TI +	Hard rock solo tone	TI signature head pushed hard
Wreck	Insane full on gain	Drive channel of a modern valve head - full on!

Factory Reset:

You can at any time return the amplifier to all its original factory settings. With the amplifier in the OFF state, hold down the DEL FX Button, turn ON the power switch, continue holding down the DEL FX Button for a few seconds while all the LED's flash, then as the LED's become steady, release the DEL FX Button & the factory settings are restored.

Power Supply
 Output Power Rating
 Loudspeaker
 Features

12V DC Power Supply or 6 "AA" size Batteries
 6W
 Custom Designed 6" 8 Ohm Driver
 I Instrument Channel, I Microphone Channel - (Balanced or Unbalanced)
 II built in amp models
 Contour & Presence EQ controls
 Chorus, Flanger, Phaser, Tremolo, Delay & Reverb FX
 Tuner Function
 Security Slot
 30I*285*176 Unit Weight 4.5Kg
 DC Power Supply, Guitar Style Carry Strap

Size (H*W*D)
 Included Items

In the interest of continued development, Laney reserves the right to amend product specification without prior notification.

CONNECTIONS



OR



Headphones

Mixer Desk



Dynamic Mic

MP3

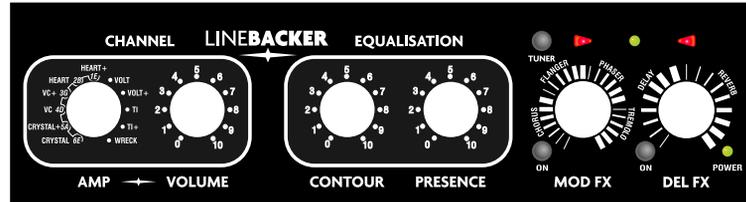


Guitar

USER SETTINGS - Store your own cool sounds

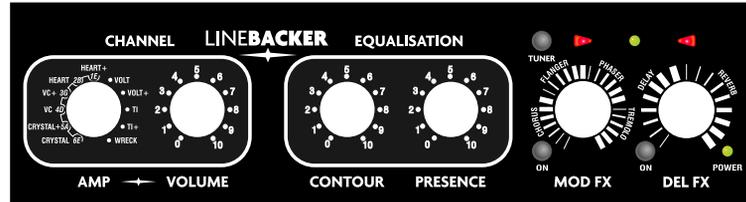
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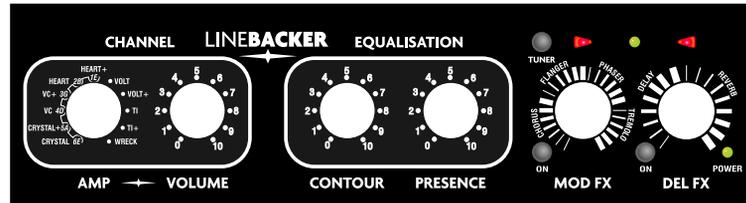
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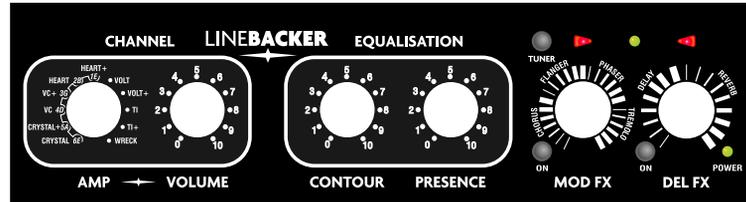
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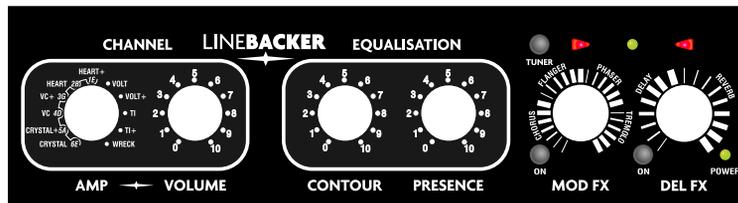
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USER SETTINGS - Store your own cool sounds

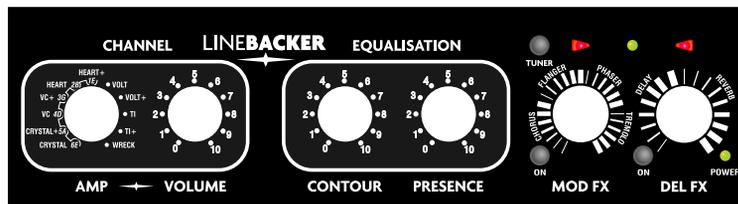
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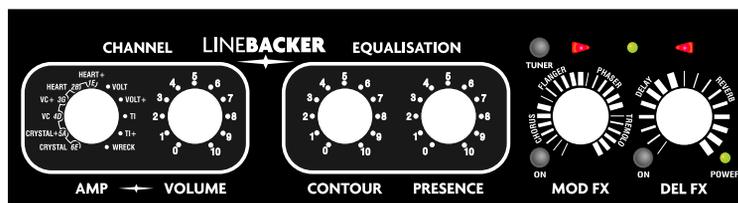
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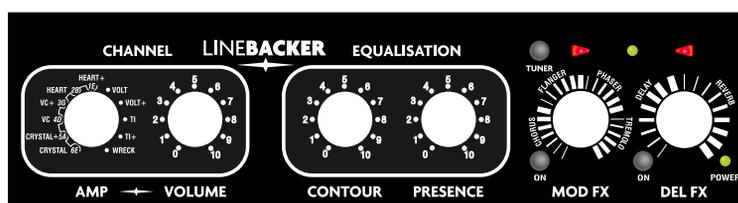
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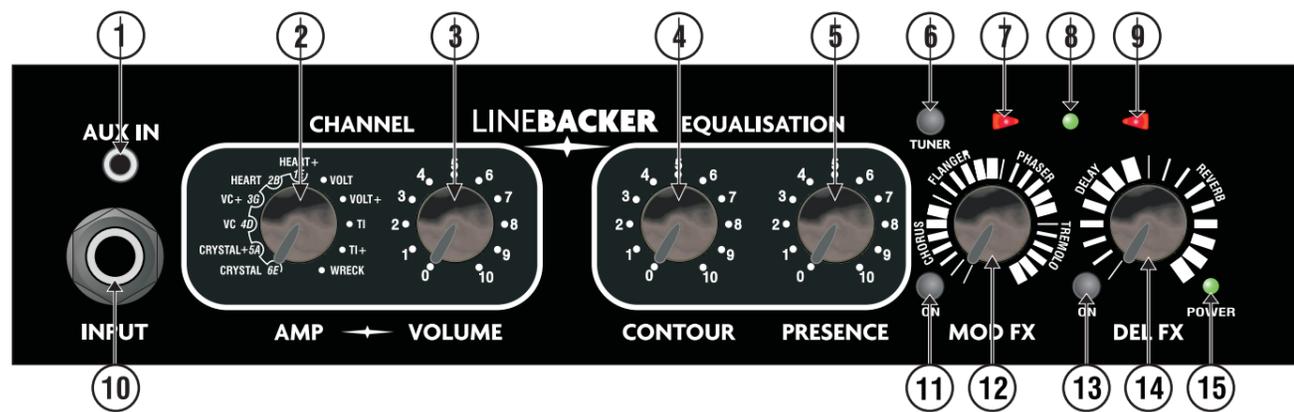
USER MANUAL

TRANSLATIONS

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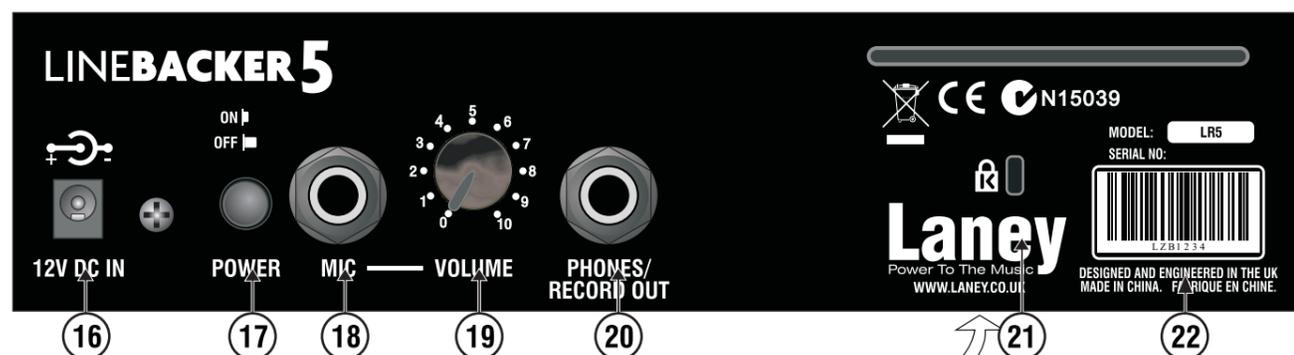
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前面板控制器：LR5



- 1. 辅助输入插孔
- 2. 选择放大器 / 调谐器控件
- 3. 音量控件
- 4. 外形控件
- 5. 气度控件
- 6. 调谐器按钮
- 7. 调制音效的光
- 8. 调谐光
- 9. 延迟音效光
- 10. 吉他输入插孔
- 11. 调制音效开关
- 12. 调制音效控件
- 13. 延迟音效开关
- 14. 延迟音效控件

后面板控制器：



- 15. 电源指示灯
- 16. 12V DC插座
- 17. 电源开关
- 18. 麦克风插孔
- 19. 麦克风的音量
- 20. 耳机 / 记录插座
- 21. 安全锁孔
- 22. 型号和序列号

电池盒

17. 电源开关：这是主电源开关。

10. 吉他输入插孔：连接吉他在这里。仅使用质量好的电缆。

2. 选择放大器 / 调谐器控件：选择了不同的放大器模型。

3. 音量控件：调节音量吉他输入插孔。

4,5. 外形和气度均衡：这两个控件可以有一个大的效果后，你的声音外形控制低频和中频，和气度是一个类似色调控件。

7,11,12. 调制音效：选择合唱，凸缘，相位，震音。

9,13,14. 延迟音效：选择延迟和混响。



18, 19. 麦克风插孔 / 麦克风的音量：连接麦克风和音量调节。仅使用动圈话筒 - 电容式麦克风无法正常工作。



16. 12V直流电源插座：连接到直流电源。确保直流电源上标注的电压与电源电压，在贵国！

15, 17. 电源开关：主电源开关。当接通电源，所有的灯瞬间照亮。几秒钟后，他们将指示以前使用的设定。例如，如果放大器的最后合唱和混响，调制音效的光和延迟音效光灯将被点亮。电源指示灯也会亮起。

10. 吉他输入插孔：这里连接你的吉他。只使用高质量的电缆。

1. 辅助输入插孔：CD/MP3播放机支持音乐使用此输入。调整您的输出设备的音量。整体音量控制主音量控件。（使用调谐器时，输入不静音）。

2. 放大器的选择：这些控件允许用户选择1个放大器模型从2。每个声道可以存储音效，音量和均衡器设定。有一个大的选择，以适合自己的风格。（见第18页）。

3. 音量控件：调整乐器的音量，连接到输入插孔。该控件有没有麦克风输入的效果。

4, 5. 外形和气度均衡：这两个控件可以有一个大的效果后，你的声音外形控制低频和中频，和气度是一个类似色调控件。

7, 11, 12. 调制音效：积极使用N按钮。这个控件，让您适用于各种调制音效您的声音。您可以选择合唱，凸缘，相位或震音。光调制速度将闪烁。

9, 13, 14. 延迟音效：积极使用N按钮。这个控件允许你申请混响或延迟到您的声音。指示灯闪烁延迟速度。

19. 麦克风音量：控件麦克风输入插座音量。此控制是独立前面音量控制。

18. 麦克风插座：连接麦克风。请注意，当一个麦克风连接到放大器，反馈可以造成高音量，或接近放大器。

仅使用动圈话筒 - 电容式麦克风无法正常工作。

20. 耳机记录插座：1 / 4" 立体声耳机插孔。也可用于连接到调音台。（使用此套接字时，内部的扬声器会自动断开）。

2, 6, 8. 调谐器操作：按下调谐器，放大器的静音，和激活的吉他调谐器的功能。调谐器按钮上方的指示灯会闪烁。

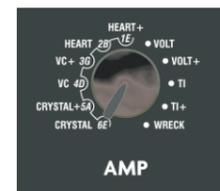
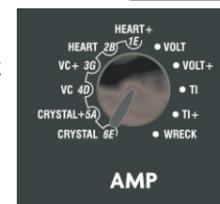
使用放大器的声道2选择器来选择每个弦进行调整。每把吉他弦（E, B, G, D, A, E）的编号为1-6，和放大器上的选择标记。

调整弦调整，导致只有中间的按钮来照亮。正如你的方法正确的音高，或 灯闪烁更为迅速。

在调整时，灯光会停止闪烁，中间的指示灯会持续不断的照明。每个弦重复，然后重新检查，以作出最后的调整。

要退出调谐器，按调谐器按钮。

（您将返回到您以前的放大器设定）。



重要安全说明

放大器模型定义

	音的说明	放大器模型
Crystal	干净纯粹	清洁声道的LC放大器 - 玻璃充分拉响
Crystal +	干净压缩	清洁声道的LC放大器 - 玻璃充分拉响 + 清洁增压踏板更强的低频
VC	干净温馨	清洁声道的VC放大器
VC+	1 x 12" 组合放大器 - 半扭曲音	增益声道的VC放大器 - 半扭曲音
Heart	1 x 12" 复古音	LIONHEART组合放大器清洁声道, 高音量 - 复古半扭曲音
Heart +	1 x 12" 复古的扭曲音	狮心组合放大器, 高增益
Volt	复古摇滚扭曲	电子管放大器和音箱 - 设置为嘎吱的声音
Volt +	复古摇滚独唱	电子管放大器和音箱 - 高增益
TI	破碎的节奏音	TI签名放大器扭曲
TI +	硬摇滚独奏音	TI签名放大器歪曲了很多
Wreck	疯狂的增益	增益现代的真空管放大器声道 - 全音量!

工厂还原：
放大器，它有可能恢复到出厂设置。
关闭放大器。按住延迟音效开关，开启放大器。继续举办了几秒钟的延迟音效开关，直到灯光趋于稳定。推出延迟音效开关，恢复出厂设置。

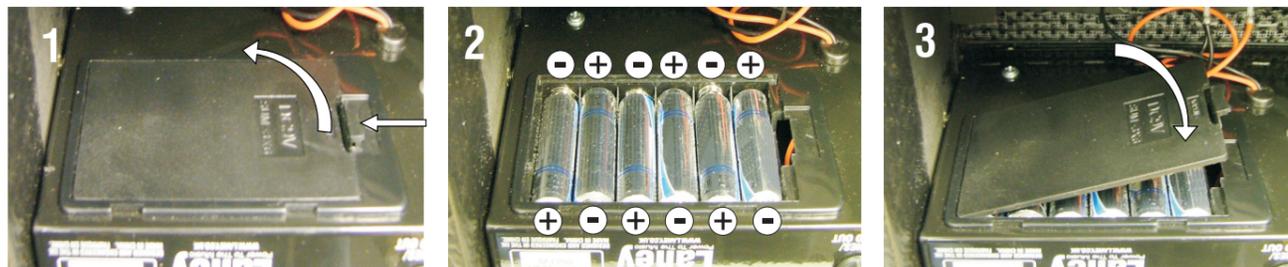
直流电源：LR5提供一个12V直流电源。这是很容易安装的电源插座和放大器之间。当使用一个电源放大器，应遵循以下注意事项：

- 1) 只使用由制造商提供的电源。其他直流电源供应器的使用可能会造成损坏或其他问题。
- 2) 电源开关关闭和断开，然后再插入并接通电源的任何其它设备。
- 3) 当DC插头连接到插座，电池舱隔离放大器。直流电源和电池是相互独立的。电池：使用直流电源的建议的主要动力来源，然而，你应该更喜欢使用电池，只使用碱性型(LR6)。在连续使用下，电池将持续约13小时(这个数字会随使用条件大大)。当电池耗尽时，电源指示灯会变得暗淡。更换电池或使用的直流电源。配件电池：当安装或更换电池时，请务必先关闭电源开关，并拔掉任何连接的设备。这可以防止您的扬声器和其他设备的损坏。按照照片，以适应电池。
- 1) 关闭放大器倒挂访问的电池仓。毡或布，以避免损坏放大器。
- 2) 推铰链的释放，掀起盖子。插入6节AA电池，确保方向相匹配的托盘。
- 3) 第一次插入的标签，推盖板，直到听到点击。

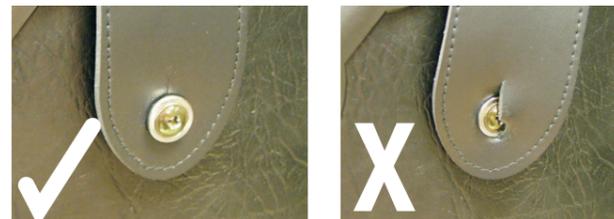


如果使用不当，电池可能会泄漏或爆炸，并造成损害或伤害。请采取以下措施：

- 1) 仔细按照安装说明，安装新电池，特别是极性。
- 2) 避免混合使用新，旧电池。
- 3) 避免混合不同类型的电池。
- 4) 不要试图拆开或充电碱性电池。
- 5) 从设备中取出电池，如果它不会被使用了很长一段时间。
- 6) 如果电池泄漏，从托盘中删除的电池和放电痕迹。使用注意事项，使放电没有得到附近的皮肤或眼睛。任何受影响的地区，必须立即用冷自来水冲洗。求医。
- 7) 不要在火中或水中系统处理废旧电池。电池不能暴露过多的热量，如阳光或火。
- 8) 使用过的电池，应始终遵守处置你住的地方与国家适用的现行法规。



连接的肩带：安装随附的腕带，每个放大器的安全侧的挂钩，所以，它并没有成为超脱。



警告：使用电器产品时，应始终遵循基本的注意事项，包括以下各项：

1. 阅读这些说明。
2. 确保此类说明放置于安全处。
3. 注意所有警告。
4. 请遵守所有说明。
5. 请勿在近水处使用该电器。
6. 仅可用干布清洁该电器。
7. 请勿堵塞该电器上的任何通风口。根据制造商的说明进行安装。
8. 请勿将该电器安装在靠近热源，如散热器、热风机、炉子或其他发热设备(包括功率放大器)。
9. 与类建筑设备连接时，应连接到带保护的电源插座上。不要忽视极性或接地类型插头的安全作用。极性插头具有两个片状电极，其中一个较宽。接地类型插头具有两个片状电极和第三只接地脚。宽片状电极或第三只接地极用于保证使用者及电器的安全。如所提供的插头不适用于插座，须请专业人员更换，切勿自行更换电源插座。
10. 保护电源线，不被踩踏或挤压，尤其在插头、插座以及电源线的连接处。
11. 仅可采用制造商提供的附件或配件。
12. 仅可使用制造商指定的、或与该电器一同出售的货车、台架、三脚架、支架或台桌。使用货车，及移动货车/搬运该电器时，须注意，避免倾翻产生损坏。
13. 电源插头或该电器的转接插头，应保持其易操作性。用户应使用与该电器匹配的电源插头、连接器和电源开关，应易于操作。在雷雨或长时间不使用时，拔下该电源插头。
14. 当该电器受到任何方式的损坏时，如：电源线或插头被损坏、液体泼溅或物体落入电器内、该电器放置于有雨水或潮湿处、及该电器坠落，无法正常运行，需进行检修时，必须请有资格认证的维修人员进行维修。
15. 请勿折断电源插头上的接地极。仅可连接到在插头的片状电极旁边已标注符号的极性上。
16. 如此电器须安装在设备架上，应提供后部支架。
17. 仅适用于英国的注意事项。如该电器的电源线中电缆颜色与插头片状电极不相符，请按照以下步骤进行操作：

每天持续时间 (小时)	噪声程度 (dBA) 缓慢反应
8	90
6	92
4	95
3	97
2	100
1 1/2	102
1	105
1/2	110
1/4 或更少	115

 - a) 黄绿色电缆须连接至标有字母"E"的电极，为接地符号。颜色为黄绿色或绿色。
 - b) 蓝色电缆须连接至标有字母"N"的电极，颜色为蓝色或黑色。
 - c) 棕色电缆须连接至标有字母"L"的电极，颜色为棕色或红色。
18. 该电器不能放置于有水滴或有水溅出的地方，须注意，不要将盛有液体的容器，如花瓶放在该电器上。
19. 如果人处于极高噪声级中可能会造成永久失聪。每个人受噪音导致听力损害的差异很大。然而若长时间处于极强噪音中，任何人几乎都会造成不同程度的听力损害。美国政府职业安全健康管理局(OSHA)指定了以下允许范围内的噪声级别，见右表：根据OSHA，任何超出上述允许的极限范围可导致不同程度的听力损害。在运行该电器时，人体处于超出了以上设定的限制，须佩戴耳塞或配备耳朵的保护装置，以预防永久性听力损害。为避免可能处于强声压程度的危险，该电器运行时，建议处于强声压程度下的所有人均配备听力保护装置。

20. 用于产品和说明书上的符号和术语是为了提醒操作人员注意需要额外注意的地方，具体如下：



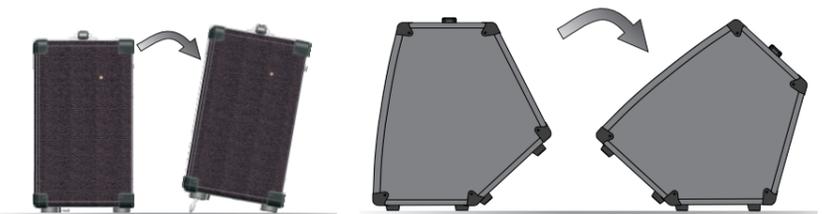
旨在提醒使用者小心产品空箱内的未绝缘“危险电压”，这可能足以对人构成触电危险。

旨在提醒使用者与产品一起提供的说明书中的重要操作和维护(保修)说明。小心触电 - 不能打开为了降低触电风险，请不要打开盖子。里面不含任何用户可用的配件。请将维修交于被许可的人员。为避免触电或火灾，请不要将本产品置于雨中或潮湿环境中。在使用本产品前，请仔细阅读操作说明。

21.  该产品仅适用于海拔2000m以下地区安全使用

 该产品仅适用于非热带气候条件下安全使用

如果你的产品是倾斜的结构或是后倾款式的箱体，请小心使用该设计特征。由于功放可以在直立和后倾方式之间转换，请在平坦、牢固的表面使用该产品。请不要在桌子、架子或其它不适合、不牢固的平台上使用该功放。





USER MANUAL

SAFETY INFORMATION

WWW.LANEY.CO.UK

DESIGNED & ENGINEERED IN THE UK BY LANEY



In order to take full advantage of your new product and enjoy long and trouble-free performance, please read this owner's manual carefully, and keep it in a safe place for future reference.

1) Unpacking: On unpacking your product please check carefully for any signs of damage that may have occurred whilst in transit from the Laney factory to your dealer. In the unlikely event that there has been damage, please re-pack your unit in its original carton and consult your dealer. We strongly advise you to keep your original transit carton, since in the unlikely event that your unit should develop a fault, you will be able to return it to you dealer for rectification securely packed.

2) Amplifier Connection: In order to avoid damage, it is advisable to establish and follow a pattern for turning on and off your system. With all system parts connected, turn on source equipment, tape decks, cd players, mixers, effects processors etc, BEFORE turning on your amplifier. Many products have large transient surges at turn on and off which can cause damage to your speakers. By turning on your bass amplifier LAST and making sure its level control is set to a minimum, any transients from other equipment should not reach your loud speakers. Wait till all system parts have stabilised, usually a couple of seconds. Similarly when turning off your system always turn down the level controls on your bass amplifier and then turn off its power before turning off other equipment

3) Cables: Never use shielded or microphone cable for any speaker connections as this will not be substantial enough to handle the amplifier load and could cause damage to your complete system.

4) Servicing: The user should not attempt to service these products. Refer all servicing to qualified service personnel.

FCC COMPLIANCY STATEMENT



This device complies with Part 15 of the FCC rules Operation is subject to the following two conditions:

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

Warning: Changes or modification to the equipment not approved by Laney can void the user's authority to use the equipment.

Note: This equipment has been tested and found to comply with the limits for Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try and correct the interference by one or more of the following measures.

Reorient or relocate the receiving antenna.

Increase the separation between the equipment and receiver.

Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

Consult the dealer or an experienced radio/TV technician for help.



This product conforms to the requirements of the following European Regulations, Directives & Rules:

CE Mark (93/68/EEC), Low Voltage (2014/35/EU), EMC (2014/30/EU),

RoHS (2011/65/EU), ErP (2009/125/EU).



In order to reduce environmental damage, at the end of its useful life, this product must not be disposed of along with normal household waste to landfill sites. It must be taken to an approved recycling centre according to the recommendations of the WEEE (Waste Electrical and Electronic Equipment) directive applicable in your country.



IMPORTANT SAFETY INSTRUCTIONS



- 1). **Read & Retain these Instructions** carefully before installing or operating this product.
- 2). **Comply with Warnings:** All warnings and instructions for these products should be adhered to.
- 3). **Unpacking:** On unpacking your product please check carefully for any signs of damage that may have occurred whilst in transit from the Laney factory to your dealer. In the unlikely event that there has been damage, please repack your unit in its original carton and consult your dealer. We strongly advise you to keep your original transit carton, since in the unlikely event that your unit should develop a fault, you will be able to return it to you dealer for rectification securely packed.
- 4). **Amplifier Connection:** In order to avoid damage, it is advisable to establish and follow a pattern for turning on and off your system. With all system parts connected, turn on source equipment, CD/MP3 players, mixers/recorders, etc, BEFORE turning on your guitar amplifier. Many products have large transient surges at turn on and off which can cause damage to your speakers. By turning on your guitar amplifier LAST and making sure its level control is set to a minimum, any transients from other equipment should not reach your loud speakers. Wait till all system parts have stabilised, usually a couple of seconds. Similarly when turning off your system always turn down the level controls on your guitar amplifier and then turn off its power before turning off other equipment
- 5). **Servicing:** Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as when the DC Power Supply 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.
- 6). **Placement:** This electrical apparatus should not be exposed to dripping or splashing and care should be taken not to place objects containing liquids, such as vases, upon the apparatus.
Do not install near any heat sources such as radiators, heat registers, stoves or other apparatus (including amplifiers) that produce heat. Do not block any of the ventilation openings.
Use only with a 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.
- 7). **When using the DC power Supply:** Only use the approved DC power supply provided by the manufacturer. Rating  12Vdc 500mA. Protected by a 125°C thermal fuse.
Make sure that the line voltage at the installation matches the input voltage on the DC power Supply.
Protect the power cord on the DC power Supply from being walked on or pinched, particularly at plugs, convenience receptacles, and the point they exit from the apparatus. (See notes on using the DC Power Supply page 10-11).
- 8). **Batteries:** Use only alkaline batteries (LR6) in the product. (See notes on fitting and replacing batteries page 10-11).
- 9). **Sound Levels:** Exposure to extremely high noise levels may cause a permanent hearing loss. Individuals vary considerably in susceptibility to noise-induced hearing loss, but nearly everyone will lose some hearing if exposed to sufficiently intense noise for a sufficient time.
The U.S. Government's Occupational Safety and Health Administration (OSHA) has specified the following permissible noise level exposures: According to OSHA, any exposure in excess of the above permissible limits could result in some hearing loss. Earplugs or protectors to the ear canals or over the ears must be worn when operating this amplification system in order to prevent a permanent hearing loss, if exposure is in excess of the limits as set forth above. To ensure against potentially dangerous exposure to high sound pressure levels, it is recommended that all persons exposed to equipment capable of producing high sound pressure levels such as this amplification system be protected by hearing protectors while this unit is in operation.
- 10). **Maintenance:** Clean only with a dry cloth.
Care of your Laney amplifier will prolong it's life.....and yours!

Duration Per Day in Hours	Sound Level dBA, slow response
8	90
6	92
4	95
3	97
2	100
1 ½	102
1	105
½	110
¼ or less	115



INSTRUCTIONS IMPORTANTES DE SECURITE - FRANÇAIS



- 1). Lisez le & Maintenez ces instructions:** soigneusement avant d'installer ou actionner ce produit.
- 2). Conformez-vous aux avertissements:** Tous les avertissements et instructions pour ces produits devraient.
- 3). Déballage:** Au déballage de votre produit vérifiez svp soigneusement tous les signes des dommages qui ont pu s'être produits tandis qu'en transit de l'usine de Laney à votre revendeur. Dans l'événement peu probable qu'il y a eu des dommages, réemballent svp votre unité dans son carton original et consultez votre revendeur. Nous vous conseillons fortement que pour garder votre carton original de passage, puisque dans l'événement peu probable que votre unité devrait développer un défaut, vous pourrez le renvoyer te revendeur pour la rectification solidement emballée.
- 4). Raccordement d'amplificateur:** Afin d'éviter des dommages, il est recommandé d'établir et suivre un modèle pour tourner en marche et en arrêt votre système. Avec tout le système les pièces ont relié, allument l'équipement de source, CD/MP3 les joueurs, mélangeurs/enregistreurs, etc., AVANT DE mettre en marche votre amplificateur de guitare. Beaucoup de produits font tourner de grandes montées subites passagères à en marche et en arrêt qui peuvent endommager vos haut-parleurs. En mettant en marche votre BOUT d'amplificateur de guitare et en veillant sa commande de niveau est placé à un minimum, toutes les coupures de l'autre équipement ne devrait pas atteindre vos haut-parleurs forts. Attendez jusqu'à ce que toutes les pièces de système ont stabilisé, habituellement deux ou trois secondes. De même en arrêtant votre système déclinez toujours les commandes de niveau sur votre amplificateur de guitare et coupez alors son courant avant d'arrêter l'autre équipement
- 5). Entretien:** Référez-vous tous qui entretiennent au personnel de service qualifié. L'entretien est exigé quand l'appareil a été endommagé de quelque façon, comme quand l'approvisionnement d'alimentation CC Est endommagé, liquide a été renversé ou les objets sont tombés dans l'appareil, l'appareil a été exposé à la pluie ou à l'humidité, ne fonctionne pas normalement, ou a été lâché.
- 6). Placement:** Cet appareil électrique ne devrait pas être exposé à l'égoutture ou l'éclaboussement et le soin devraient être pris pour ne pas placer des objets contenant des liquides, tels que des vases, sur l'appareil. N'installez près d'aucune source de chaleur telle que des radiateurs, des registres de la chaleur, des fourneaux ou d'autres appareils (amplificateurs y compris) cette chaleur de produit. Ne bloquez pas les ouvertures l'unes des de ventilation. Employez seulement avec un chariot, un stand, un trépied, une parenthèse, ou une table spécifique par le fabricant, ou vendue avec l'appareil. Quand un chariot est utilisé, faites attention en déplaçant la combinaison de chariot/appareil pour éviter des dommages de incliner-au-dessus de.
- 7). En employant l'approvisionnement d'alimentation CC:** Employez seulement l'approvisionnement d'alimentation CC Fourni par le fabricant. Classement  12Vcc 500mA. Protégé par un 125 ° C fusible thermique. Assurez-vous que tension secteur à l'installation assortit la tension d'entrée sur l'approvisionnement d'alimentation CC. Protégez le cordon de secteur sur l'approvisionnement d'alimentation CC Contre être marchée dessus ou pincement, en particulier derrière les fiches, derrière les douilles de convenance, et derrière le point qu'ils sortent de l'appareil. (Voir les notes sur employer la page d'approvisionnement d'alimentation CC 10).
- 8). Batteries:** Utilisez seulement les accumulateurs alcalins (LR6) dans le produit. (Voir les notes sur l'ajustage de précision et remplacer la page de batteries 10-11).
Niveaux
- 9). Sound:** L'exposition aux niveaux extrêmement élevés de bruit peut causer une perte d'audition permanente. Les individus varient considérablement dans la susceptibilité à la perte d'audition due au bruit, mais presque chacun perdra une certaine audition si exposé au bruit suffisamment intense pendant un temps suffisant. L'administration du gouvernement des États-Unis (OSHA) a spécifié les expositions permises suivantes de niveau de bruit : Selon l'OSHA, n'importe quelle exposition au-dessus des limites permises ci-dessus a pu avoir comme conséquence une certaine perte d'audition. Des boules quies ou les protecteurs aux canaux d'oreille ou au-dessus des oreilles doivent être portés en actionnant ce système d'amplification afin d'empêcher une perte d'audition permanente, si l'exposition est au-dessus des limites comme déterminé ci-dessus. Pour s'assurer contre l'exposition potentiellement dangereuse aux niveaux élevés de pression acoustique, on lui recommande que toutes les personnes aient exposé à l'équipement capable de produire les niveaux élevés de pression acoustique tels que ce système d'amplification soient protégées par les protecteurs auriculaires tandis que cette unité est en fonction.
- 10). Entretien:** Nettoyez seulement avec un tissu sec.
Le soin de votre amplificateur de Laney prolongera it' ; la vie de s et vôtre !

Durée par Jour (heures)	Niveau sonore moyen (dBA)
8	90
6	92
4	95
3	97
2	100
1 ½	102
1	105
½	110
¼ ou inférieur	115



WICHTIGE SICHERHEITSHINWEISE - DEUSCH



- 1). Lesen Sie & Vor der Installation** oder dem Betrieb dieses Produktes behalten Sie diese Anweisungen sorgfältig.
- 2). Willigen Sie mit Warnungen ein:** Alle Warnungen und Anweisungen für diese Produkte sollten an gehaftet werden.
- 3). Auspacken:** Auf Auspacken Ihres Produktes überprüfen Sie bitte sorgfältig auf allen möglichen Zeichen des Schadens, die während bei dem Transport von der Laney Fabrik zu Ihrem Händler aufgetreten sein können. Im unwahrscheinlichen Ereignis, dass packen es Schaden gegeben hat, bitte Ihre Maßeinheit in seinem ursprünglichen Karton ein und konsultieren Ihren Händler. Wir beraten Sie stark, dass Ihren ursprünglichen Durchfahrkarton halten, da im unwahrscheinlichen Ereignis, dass Ihre Maßeinheit eine Störung entwickeln sollte, Sie in der Lage sind, sie zu Ihnen zurückzubringen Händler für die sicher verpackte Korrektur.
- 4). Verstärker-Anschluss:** Um Schaden zu vermeiden, ist es ratsam ein Muster für einschalten und weg von Ihrem System herzustellen und zu folgen. Mit allem System geschlossen die Teile an, schalten Quellausrüstung, CD/MP3 Spieler, Mischer/Recorder, usw. ein, BEVOR sie Ihren Gitarrenverstärker einschießen. Viele Produkte lassen große vorübergehende Schwankungen an an und abstellen, die Schaden Ihrer Lautsprecher verursachen können. Indem man Ihr Gitarrenverstärker LETZTES einschält und seine waagrecht ausgerichtete Steuerung sicherstellt, wird auf ein Minimum, alle mögliche Ausgleichströme von anderer Ausrüstung sollte Ihre lauten Lautsprecher nicht erreichen eingestellt. Warten Sie bis alle Systemteile haben stabilisiert, normalerweise ein paar Sekunden. Ähnlich wenn Sie Ihr System abstellen, drehen Sie immer unten die waagrecht ausgerichteten Kontrollen auf Ihrem Gitarrenverstärker und stellen Sie dann seinen Strom ab, bevor Sie andere Ausrüstung abstellen
- 5). Instandhaltung:** Verweisen Sie alle, die auf qualifiziertes Service-Personal Instandhalten. Die Instandhaltung wird, wenn der Apparat in jeder Hinsicht beschädigt worden ist, wie, wenn die Gleichstrom-Versorgung geschädigt wird, Flüssigkeit ist verschüttet worden angefordert, oder Gegenstände sind in den Apparat gefallen, ist der Apparat Regen oder Feuchtigkeit ausgesetzt worden, funktioniert nicht normalerweise oder ist gefallen worden.
- 6). Placement:** Dieser elektrische Apparat sollte nicht Bratenfett ausgesetzt werden, oder das Spritzen und die Sorgfalt sollten angewendet werden, um die Gegenstände nicht zu setzen, die Flüssigkeiten, wie Vasen, nach dem Apparat enthalten. Bringen Sie nicht nahe irgendwelchen Wärmequellen wie Heizkörpern, Hitzeregistern, Öfen oder anderen Apparaten (einschließlich Verstärker) diese Erzeugnissitze an. Blockieren Sie nicht irgendwelche der Ventilationsöffnungen. Verwenden Sie nur mit einer Karre, einem Standplatz, einem Stativ, einem Haltewinkel oder einer Tabelle, die vom Hersteller spezifiziert wird oder mit dem Apparat verkauft ist. Wenn eine Karre benutzt wird, Vorsicht, wenn Sie die Karren-/Apparatekombination verschieben, um Verletzung von spitzen-über zu vermeiden.
- 7). Wenn die Gleichstrom-Versorgung verwendet wird:** Benutzen Sie nur die Gleichstrom-Versorgung, die vom Hersteller bereitgestellt wird. Bewertung **12Vdc 500mA**. Geschützt durch ein 125 ° C Thermosicherung. Überprüfen Sie, ob die Linie Spannung an der Installation die Eingangsspannung auf der Gleichstrom-Versorgung zusammenbringt. Schützen Sie das Netzanschlusskabel auf der Gleichstrom-Versorgung vor an gegangen werden oder, besonders an den Steckern, an den Hilfsaufnahmewannen und am Punkt geklemmt werden, die sie vom Apparat herausnehmen. (Sehen Sie Anmerkungen über die Anwendung der Versorgungsseite10).
- 8). Batterien:** Benutzen Sie nur alkalische Batterien (LR6) im Produkt. (Sehen Sie Anmerkungen über Befestigung und das Ersetzen der Batterieseite10-11). Niveaus
- 9). Sound:** Aussetzung zu den extrem hohen Geräuschpegeln kann einen dauerhaften Verlust der Hörfähigkeit verursachen. Einzelpersonen schwanken beträchtlich in Anfälligkeit zum noise-induced Verlust der Hörfähigkeit, aber fast jeder verliert irgendeine Hörfähigkeit, wenn es genug intensiven Geräuschen während einer genügenden Zeit herausgestellt wird. Die der US-berufliche Sicherheits-und Gesundheits-Verwaltung Regierung (OSHA) hat die folgenden zulässigen Geräuschpegelbelichtungen spezifiziert: Entsprechend OSHA konnte jede mögliche Belichtung mehr als notwendig die oben genannten zulässigen Begrenzungen etwas Verlust der Hörfähigkeit ergeben. Ohrenpropfen oder Schutze zu den Gehörgängen oder über den Ohren müssen getragen werden, wenn man dieses Verstärkungssystem laufen lässt, um einen dauerhaften Verlust der Hörfähigkeit zu verhindern, wenn Belichtung mehr als notwendig die Begrenzungen ist, wie oben festgelegt. Um gegen möglicherweise gefährliche Aussetzung zu den hohen Schalldruckpegeln sicherzustellen, wird es empfohlen dass alle Personen der Ausrüstung herausstellen, die zum Produzieren der hohen Schalldruckpegel wie dieses Verstärkungssystem fähig ist werden geschützt durch Hörschutze während diese Maßeinheit in Kraft ist.
- 10). Wartung:** Säubern Sie nur mit einem trockenen Tuch.

Dauer pro Tag in Stunden	Geräuschpegel dBA	
	langsame	Reaktion
8	90	
6	92	
4	95	
3	97	
2	100	
1 1/2	102	
1	105	
1/2	110	
1/4 oder weniger	115	



INSTRUCCIONES IMPORTANTES PARA SU SEGURIDAD - ESPAÑOL



- 1). **Lea el & Conserve estas instrucciones** cuidadosamente antes de instalar o de funcionar este producto.
- 2). **Confórmese con advertencias:** Todas las advertencias e instrucciones para estos productos se deben adherir.
- 3). **Desempaque:** Al desempaque su producto compruebe por favor cuidadosamente para saber si hay cualquier muestra del daño que pudo haber ocurrido mientras que en tránsito de la fábrica de Laney a su distribuidor autorizado. En el acontecimiento inverosímil que ha habido daño, reembala por favor su unidad en su cartón original y consulta a su distribuidor autorizado. Le aconsejamos fuertemente que guardar su cartón original del tránsito, puesto que en el acontecimiento inverosímil que su unidad debe desarrollar una avería, usted podrá volverla al distribuidor autorizado para la rectificación plena con seguridad.
- 4). **Conexión del amplificador:** Para evitar daño, es recomendable establecer y seguir un patrón para dar vuelta por intervalos a su sistema. Con todo el sistema las piezas conectaron, giran el equipo de la fuente, CD/MP3 a los jugadores, mezcladores/registradores, etc, ANTES de girar su amplificador de la guitarra. Muchos productos hacen que las oleadas transitorias grandes en den vuelta por intervalos que pueden causar daño a sus altavoces. Girando su ULTIMO del amplificador de la guitarra y cerciorándose de su control llano se fija a un mínimo, cualquier transeúnte del otro equipo no debe alcanzar sus altavoces ruidosos. Espere hasta que todas las piezas del sistema se han estabilizado, generalmente uces par de segundos. Semejantemente al apagar su sistema rechace siempre los controles llanos en su amplificador de la guitarra y después corte su corriente antes de apagar el otro equipo
- 5). **Mantenimiento:** Refiera todos que mantienen a los personales de servicio calificados. Se ha derramado el servicio se requiere cuando el aparato se ha dañado de cualquier manera, por ejemplo cuando se daña la fuente de corriente continua, Líquido o los objetos han caído en el aparato, el aparato se ha expuesto a la lluvia o a la humedad, no funciona normalmente, ni se ha caído.
- 6). **Placement:** Este aparato eléctrico no se debe exponer al goteo o el salpicar y el cuidado se deben tomar para no poner los objetos que contienen líquidos, tales como floreros, sobre el aparato. No instale cerca de ninguna fuentes de calor tales como radiadores, registros del calor, estufas u otros aparatos (amplificadores incluyendo) ese calor del producto. No bloquee las aberturas unas de los de la ventilación. Utilice solamente con un carro, un soporte, un trípode, un soporte, o una tabla especificada por el fabricante, o vendida con el aparato. Cuando se utiliza un carro, tenga cuidado al mover la combinación del carro/del aparato para evitar lesión de inclinar-sobre.
- 7). **Al usar la fuente de corriente continua:** Utilice solamente la fuente de corriente continua Proporcionada por el fabricante. Clasificación  12Vdc 500mA. Protegido por un fusible de 125 ° C térmica. Cerciórese de que la línea voltaje en la instalación empareje el voltaje de entrada en la fuente de corriente continua. Proteja el cable eléctrico en la fuente de corriente continua Contra ser caminado encendido o sejección, particularmente en de los enchufes, de los receptáculos de la conveniencia, y del punto que salen del aparato. (Véase las notas sobre usar la página de la fuente de corriente continua10).
- 8). **Baterías:** Utilice solamente los acumuladores alcalinos (LR6) en el producto. (Véase las notas sobre la guarnición y el reemplazo de la página de las baterías10-11). Niveles
- 9). **Sound:** La exposición a los niveles de ruidos extremadamente altos puede causar una pérdida de oído permanente. Los individuos varían considerablemente en susceptibilidad a la pérdida de oído inducida por el ruido, pero casi cada uno perderá una cierta audiciencia si está expuesta al ruido suficientemente intenso por un suficiente tiempo. La Occupational Safety and Health Administration del gobierno de los E.E.U.U. (OSHA) ha especificado las exposiciones permitidas siguientes del nivel de ruidos: Según el OSHA, cualquier exposición superior a los límites permitidos antedichos podía dar lugar a una cierta pérdida de oído. Los auriculares o los protectores a los canales de oído o sobre los oídos deben ser usados al gestionar este sistema de la amplificación para prevenir una pérdida de oído permanente, si la exposición está superior a los límites según lo dispuesto arriba. Para asegurar contra la exposición potencialmente peligrosa a los altos niveles de presión sana, se recomienda que todas las personas expusieron al equipo capaz de producir altos niveles de presión sana tales como este sistema de la amplificación sean protegidas por los protectores de oído mientras que esta unidad es en funcionamiento.
- 10). **Mantenimiento:** Limpie solamente con un paño seco.
El cuidado de su amplificador de Laney prolongará it' ¡vida de s y la suya!

Duración por Día en Horas	Nivel de Sonido dBA, Respuesta Lenta
8	90
6	92
4	95
3	97
2	100
1 ½	102
1	105
½	110
¼ o menos	115



USER MANUAL

MODEL NUMBER:

SERIAL NUMBER:

PLACE OF PURCHASE:

DATE OF PURCHASE:

PLEASE COMPLETE FOR FUTURE REFERENCE

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