Owner's Manual

KOMP CORE
DELUXE

NUX

www.nuxefx.com

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Accuracy
Whilst every effort has been made to ensure the accuracy and content of this manual, Cherub Technology Co. makes no representations or warranties regarding the contents.

WARNING!-IMPORTANT SAFETY INSTRUCTIONS BEFORE CONNECTING, READ INSTRUCTIONS

WARNING: To reduce the risk of fire or electric shock, do not expose this appliance to rain or moisture.

CAUTION: To reduce the risk of fire or electric shock, do not remove screws. No user-serviceable parts inside. Refer servicing to qualified service personnel.

CAUTION: This equipment has been tested and found to comply with the limits for a Class B digital device pursuant to Part 15 of FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

The lightning symbol within a triangle means "electrical caution!" It indicates the presence of information about operating voltage and potential risks of electrical shock.

The exclamation point within a triangle means "caution!" Please read the information next to all caution signs.

1. Use only the supplied power supply or power cord. If you are not sure of the type of power available, consult your dealer or local power company.
2. Do not place near heat sources, such as radiators, heat registers, or appliances which produce heat.
3. Guard against objects or liquids entering the enclosure.
4. Do not attempt to service this product yourself, as opening or removing covers may expose you to dangerous voltage points or other risks. Refer all servicing to qualified service personnel.
5. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as when the power supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally or has been dropped.
6. The power supply cord should be unplugged when the unit is to be unused for long periods of time.
7. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles and at the point where they exit from the apparatus.
8. Prolonged listening at high volume levels may cause irreparable hearing loss and/or damage. Always be sure to practice "safe listening".

Follow all instructions and heed all warnings
KEEP THESE INSTRUCTIONS!

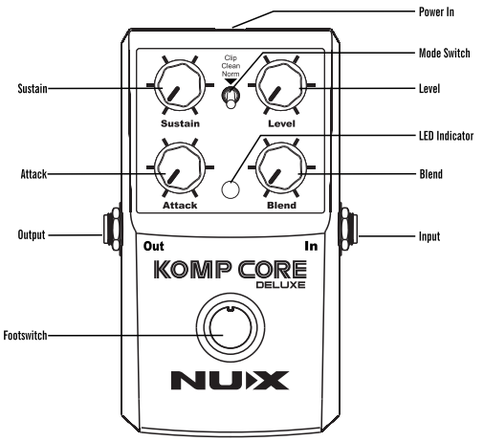
Thank you for selecting the NUX products! With years of research, we are proud to launch the new generation of the NUX pedals - The Core Deluxe Series! Based on the popular NUX Core pedals, the Deluxe series pedals have upgraded hardware circuits and new algorithm (digital models only) that ensure ultra-low noise and great tones!

Komp Core Deluxe is a multi-functioned analog compressor pedal featuring a wide variety of compressor tones. We're proud to say that it has the best sustain knob. You could give a sustain effect with low noise or frequency loss and adjust input sensitivity precisely. 3 different clip modes and precise knobs provide wide range of taste. Attack and Blend knobs are providing a good control perspective on signal.

Features

- Analog Circuit
- (Clip, Clean, Normal) Clip Modes
- True Bypass
- Blend Circuit allows you to make balance with dry and wet signal in wide range

Product Description



Sustain
Adjusts the compression ratio and increase SUSTAIN. This is the main control of your compression effect. This will limit or "squash" your signal the harder you play. As your signal decays it will increase volume to create longer sustain.
NOTE: Higher sustain settings will lead to noise while not playing.

Level
Set the compression mix level, set to unity to compensate for gain lost from compression, or turn it up higher for a boost effect.

Attack
Compression attack time, higher parameter means faster attack time. Adjusts how fast the compressor recovers from louder signals. Faster attack times (clockwise) benefit players using higher output instruments with active or humbucker pickups. Turn counterclockwise when using lower output pickups for a nice compression bloom.

Blend Knob
It is very unique knob that you can only find on Nux Komp Core Deluxe, whether you adjust wide or narrow range of compressor tone you can adjust the mix level of effected sound and balance between dry and mixed output signal. It is a good option when you want to protect your original sound as much as you want and create a custom sustain, attack and compression dial up with independent level. Combine the original signal you could get clear compression sound naturally as the tube amplifier while you tweak the volume louder, you could get more saturated sound.

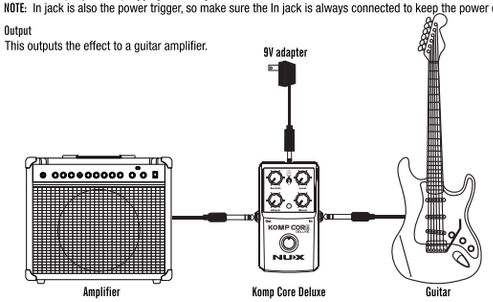
Mode Switch (Clip – Clean – Normal)
This control limits the amount of signal going to your compressor. Each mode settled with good sensitivity of input, lower Blend parameters will reduce the sensitivity. Leave it all the way up (full clockwise) to fully effect sound. If your compressor produces distortion due to a higher output level from your instrument, or your compressor is over aggressive in compression, this control can be useful.

Connection

Power In
Connect a 9V (negative tip) adaptor. Optional NUX ACD-008A is recommended.
NOTE: Using other adaptor may cause damage or noise.

Input
This is the input jack for plugging into the guitar.
NOTE: In jack is also the power trigger, so make sure the In jack is always connected to keep the power on.

Output
This outputs the effect to a guitar amplifier.



Using Effects

- **Clip Mode**
  You can create a well-balanced sustain with a tasty compression and keep the sound as close to the tube amplifier as possible. Compression feeling can be max or less with Blend knob.

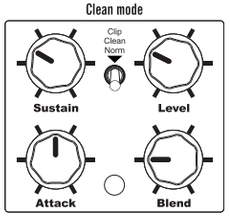
- **Clean Mode**
  It is for using the Komp Core as a sustain pedal, more sensitive compression can be adjusted with Attack and Blend knob. Less compressor feelings with soft clip will keep your original tone with more sustain.

- **Normal Mode**
  it allows you to highlight harmonic notes to create voluminous sound. Single coil pickup and slow attack rate will be blues-breaker. Keep your rhythm guitar in bypass mode and switch on the pedal when you play solo: Use the Level knob for volume and dial up high attack, long sustain and mid blend.

These parameters give a tip about sustain and compressor adjustments, if you like to keep your original sound use these dial up samples in Clean mode but if you like to change the taste you can try in Clip mode or Normal mode.

You can try various Level parameters to control the output signal level to boost your volume up or keep in original level.

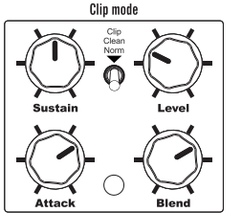
Clean mode



Sustain – 3
Level - (Depends on your bypass level)
Attack – 5
Blend – 2

This is the most common dial up to create a tone shaped sound with well oriented sustain and compressed tone. A regular sustain level with low compressor feels, medium attack range is very useful to control compressor response if you play softly. This is a tasty almost-original sound.

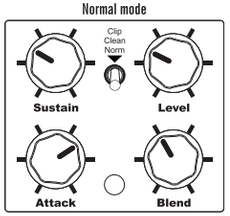
Clip mode



Sustain – 5
Level – (Depends on your bypass level)
Attack – 7
Blend – 7

You can try the sustain knob between 5 and 8 but higher level does have some slight noise but it allows you to get feedback. Noise volume won't be a problem while you play, your signals will cover the noise, just hold a note and the signal will be long sustained in adjusted volume. It will improve your solo sound and each note will be clear while you shred your guitar strings. Well if you like to play more softly and hand control on strings you can use lower Attack knob parameters.

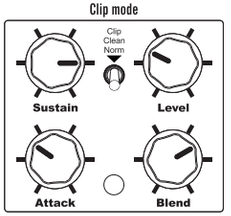
Normal mode



Sustain – 3
Level – (Depends on your bypass level)
Attack – 7
Blend – 4

This dial up will harmonize your sound especially in Normal mode, it provides the control of tone sensitivity with your hand in a wide clip range. Higher Attack parameters will decrease the sensitivity range so lower Blend can be useful for keeping the dry signal in background.

Clip mode

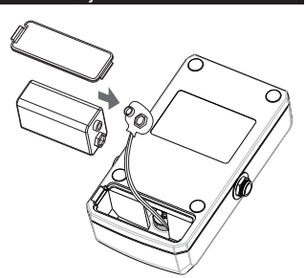


Sustain – 8
Level – (Depends on your bypass level)
Attack – 3
Blend – 7

it is a very good dial up if you like to use and control feedback sound while you play, when you hold the last note (or chord) you can feel the soft attack also feedback will be harmonized and clipped slowly. Increased Blend level will highlight the shaped tone but slow Attack rate will make the effect softer.

About Battery

A 9V battery is included in the package in purpose of testing. If it is powered by battery, change a new battery when the LED goes dim. To save battery life, unplug the cable from the In jack when it is not in use. A high quality pedal power adaptor (optional NUX ACD-008A) is strongly recommended.



Troubleshooting

Power Does Not Turn On
- Check if the adaptor is connected correctly and securely.
- If it is powered by battery, try a fresh battery.
- Check if the In jack is plugged in.

No Sound
- Try to plug the instrument directly into this pedal and output this pedal directly to the amp, and make sure the volume of the instrument and the amplifier is turned on.
- Check if all the cable connections are good and secure.

Noise Problem
- Make sure the power adaptor is with correct specifications (DC 9V, minimum 300mA, ⊙-◀-⊖). We strongly recommend the NUX ACD-008A adaptor. Using other adaptor may cause noise or malfunction.
- Setting the Gain too high will generate more noise. Try to lower down the Gain. Using guitar with single coil pickups may have more noise.
- Try to turn up the depth of the built-in Noise Reduction.
  NOTE: Turning the depth of the Noise Reduction too high may kill the natural sustain of the note.

Poor Sound Quality
- Make sure all the cables are securely plugged into the pedal, guitar and the playback device, i.e. amplifiers.
- Make sure the power adaptor is with the correct specifications (DC 9V, minimum 300mA, ⊙-◀-⊖).
- If it is powered by battery, try a new battery. For longest battery life, we suggest new, high quality ALKALINE battery.

Specifications

Effects:	3 compression ratios
Nominal Input Level:	-20dBu (GUITAR) +3dBu (Max.)
Input Impedance:	1MΩ
Nominal Out put Level:	-20dBu (GUITAR) -9dBu (Max.)
Output Impedance:	1kΩ
Residual Noise Level:	-84dBu
Current Draw:	2mA (9 V)
Power Supply:	9V Battery, or AC adaptor to DC 9V ⊙-◀-⊖ (optional NUX ACD-008A)
Dimensions:	122mm (L) x 72mm (W) x 47mm (H)
Weight:	250g

*Specification may change without notice.

Precautions

- Environment:
  1. Do NOT use the KOMP CORE DELUXE in high temperature, or high humidity, or subzero environments.
  2. Do NOT use the KOMP CORE DELUXE in the direct sunlight.
- Please do NOT disassemble the KOMP CORE DELUXE by yourself.
- Please keep this manual for future reference.

Accessories

- One 9V battery (only for testing purpose)
- Owner's manual

CE mark for European Harmonized Standards

CE Mark which is attached to our company's products of Battery mains the product is in fully conformity with the harmonized standard(s) EN 61000-6-3:2007+A1:2011 & EN 61000-6-1:2007 Under the Council Directive 2004/108/ EC on Electromagnetic Compatibility.

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CE RoHS

www.nuxefx.com

Made in China

KOMP CORE
DELUXE

模拟压缩单块效果器

使用说明书

Komp Core Deluxe是一块多功能的模拟压缩单块效果器，它能产生各种各样的压缩效果音色。

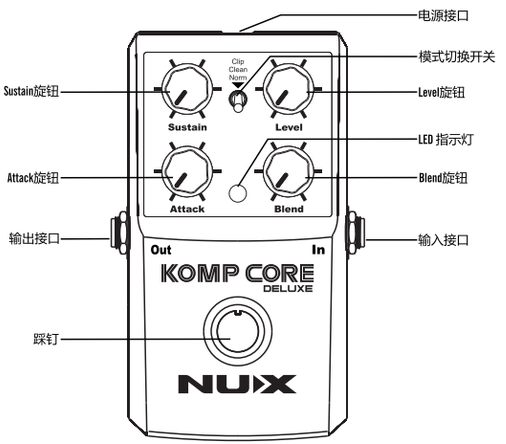
我们可以很自豪的告诉您Komp Core Deluxe拥有一个无与伦比的Sustain旋钮，它可以让您在在极低底噪和极小频率丢失的情况下获得延音效果并且您还能精确控制输入信号，3种不同的clip模式配合4个精确的旋钮控制，总能让您找到适合自己口味音色。

Attack旋钮跟Blend旋钮配合使用可以让您精准调节信号。

产品特点

- 模拟电路
- 3种Clip模式
- 混合电路设计，最大限度的输出信号干湿比调节
- 硬件直通设计

产品界面



Sustain旋钮
调节压缩比例，增加延音效果。
这个旋钮是压缩效果的主控旋钮。 它能限制或者方波化您的吉他信号， 当您的输入信号衰减时它能增大音量或者延长延音效果。
注意：高延音设定下将会在没有吉他信号输入的情况下产生噪音。

Level旋钮
调节信号音量（经处理后信号），可用于调节补偿因压缩效果所产生的增益丢失，或者您可以调大它来获得推子效果（Boost Effects）。

Attack 旋钮
调节压缩开始时间的速度，越大的参数意味越早开始压缩。 换句话说调节压缩效果从更强信号输入后开始重新工作。 更快的压缩时间让那些使用高输入乐器，主动或者双线圈拾音器的。 当您使用低输入拾音器（乐器）时，逆时针调节这个旋钮可以获得明亮的压缩效果。

Blend 旋钮
这是一个具有独特功能的旋钮，您只能在NUX Komp Core Deluxe上才能体验。 不管您想要大范围或小范围的压缩效果，您都可以调节干湿信号比例来实现 。 这在您想要尽可能保留清音音色但同时想要创造出一个特殊的延音效果， 可透过Level、Sustain 、Blend相互调节來完成。
结合原信号你可以获得一个清晰如电子管音箱般的压缩效果声音，当您调大混合量时，您能得到一个更加饱和的声音。

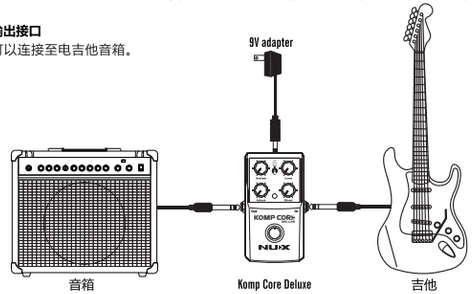
模式切换开关
三种模式下，不同比例的信号会被处理。 每一个模式都恰到好处控制了输入。Blend处于低档位时会降低敏感度。当Blend处于高档位的时候输出信号全部是经过处理的。 如果您的压缩效果器因为您使用的高输出设备产生失真效果或者您的压缩效果器过于激进，这个模式切换按钮将变得非常有用。

设备连接

电源接口
用9V外正内负的电源适配器供电。
推荐选配NUX ACD-008A电源适配器。
注意：其它电源有可能导致噪音或者设备损坏。

输入接口
用于接入吉他信号。
注意：IN接口也是电源触发器，因此IN接口需一直保持连接以保证机器处于开机状态。

输出接口
可以连接至电吉他音箱。



使用指南

Clip模式
您可以弹出非常平衡且有味道的压缩延音效果并且这个声音会非常接近真空管音箱的清音音色。 调节Blend旋钮以获取最大或最小的压缩效果。

Clean 模式
在此模式下 Komp Core将会变身为延音踏板，可调节Attack和Blend旋钮来控制压缩的程度，越小程度的压缩将柔化音色，与您的原始音调更为接近。

Normal 模式
在此模式下Komp Core 可以让您突出泛音从而得到一个丰满的声音，单线圈拾音器，低attack 频率会变为 “布鲁斯过载” 。 在伴奏时旁路掉Komp效果，在独奏时开启：利用Komp效果量來提升音量並且定在快速Attack、长延音、中干湿比。

上面的例子只是为了让您了解关于延音和压缩效果的调节。如果您想要保留吉他的清音，请在clean模式下尝试上述参数，您也可以在clip或Normal模式下做更多尝试。

您可以试着调节LEVEL旋钮来控制输出信号大小进而增大音量或者调小音量：

Clean 模式



Sustain旋钮 – 3
Level旋钮- (取决于您的旁路水平)
Attack旋钮 – 5
Blend旋钮– 2

这是最常见的使用压缩效果器参数调节示范，这样设置能得到一个锐利、定向延音和压缩的音色。 常规的延音水平低压缩感觉，如果你弹奏（手法）轻柔中档的attack 非常有助于控制压缩响应。总之这个设置出来的琴声非常接近于清音。

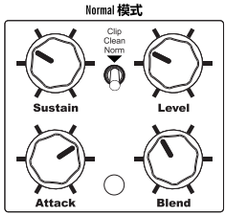
Clip模式



Sustain旋钮 – 3
Level旋钮- (取决于您的旁路水平)
Attack旋钮 – 7
Blend旋钮– 7

您可以将Sustain旋钮在5点到8点钟方位调节，但高出这个范围可能会产生一点小噪音，但这样才能产生feedback效果。 您也不必担心这个噪音，因为在您演奏的过程中，吉他信号会覆盖掉噪音，按下一个音，讯号会以一个调节过音量的延迟下去。这样能够让solo的声音听起来更酷，扫弦的时候每个音色都会被清除。 如果你想要弹奏的更轻柔些，请将Attack 旋钮档位调低。

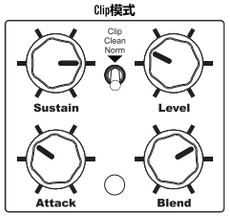
Normal 模式



Sustain旋钮 – 3
Level旋钮 – (取决于您的旁路水平)
Attack旋钮 – 7
Blend旋钮 – 4

这样设置，Komp Core Deluxe会给你的琴音加上和声效果，尤其是在Normal档的时候。它提供了一个用手就可以控制音色敏感度

Clip模式

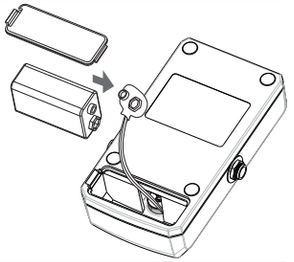


Sustain旋钮 – 8
Level旋钮 – (取决于您的旁路水平)
Attack旋钮 – 3
Blend旋钮 – 7

这个设置非常适合喜欢在弹奏过程中使用和控制feeback声音的朋友，当你按下最后一个音（或和弦）时，你能感觉到柔和的琴弦震动（琴弦震动产生feedback sound）feedback声音会被加上和声效果。 调大Blend level，会突出处理过的音色但会使attack 节奏变慢从而产生（整体）柔和的效果。

关于电池

本机器随包装赠送一颗9V电池，用于测试用途。当效果器电源指示灯变暗，甚至声音不正常时，请更换新的电池。为了避免不必要的电池消耗，在不用效果器时，请把音频线从In输入口中拔出。强烈推荐使用选配NUX ACD-008A电源适配器或者高质量效果器专用电源供电。



故障排除

无法开机
- 检查电源适配器是否连接正确牢固。
- 如果使用电池供电，请尝试更换新电池。
- 检查IN接口是否连接。

没有声音
- 尝试将乐器直接连接到效果器，并将效果器输出直接连接至音箱，保证乐器和音箱的音量都已打开。
- 检查所有连接线是否连接正确牢固。

噪音问题
- 确保使用正确的电源适配器（9V，⊙-●-⊖）。我们强烈建议您选用NUX ACD-008A电源适配器。使用其它适配器可能会造成噪音或故障。
- 设置增益过大会产生更多噪音，尝试降低增益。使用单线圈拾音器可能会产生更多噪音。尝试增大噪声门的控制幅度。
  注意：Clean mode增大噪声门的控制幅度可能会影响原始声音的延音效果。

声音质量差
- 确保所有连接线与效果器、吉他和播放装置（例如音箱）连接牢固。
- 确保使用正确的电源适配器（9V，⊙-●-⊖）。
- 如果使用电池供电，请尝试更换电池。为获得最长的电池寿命，我们建议您使用新的高质量的碱性电池。

技术规格

- 效果类型： 3种压缩比
- 标称输入电平： -20 dBu (吉他)
  +3 dBu (最大)
- 输入阻抗: 1 MΩ
- 标称输出电平： -20 dBu (吉他)
  -9dBu (最大)
- 输出阻抗： 1 kΩ
- 残余噪声水平： -84 dBu (最小)
- 电流消耗： 2 mA
- 供电： 9V电池或者DC 9V电源适配器 ⊙-●-⊖ (选配NUX ACD-008A)
- 尺寸： 122mm (L) x 72mm (W) x 47mm (H)
- 重量： 250g

*技术规格如有变更，恕不另行通知。

注意事项

- 使用环境：
  1.避免在高温、潮湿、零下等恶劣的环境中使用。
  2.避免在阳光直射下使用。
- 请勿自行拆卸本机。
- 请保存好本手册以便以后查阅。

随机附件

- 一个 9伏电池(仅作测试用途)
- 说明书
- 产品合格证

质量承诺

亲爱的 NUX 用户：

在您使用 NUX 产品时，请仔细参阅产品说明书，当您有疑问和困难时，请拨打售后服务热线：400-990-9866

- 一周内出现质量问题可退货退款
- 一年内出现质量问题可免费维修
- 一月内出现质量问题可调换
- 终身享有咨询和维修服务

[请向销售商索取有效购买凭证并予以保存]

换修政策

一、包换政策：
1.消费者自购机之日起1个月之内 ，在正常使用情况下，出现非人为的产品性能 故障，且产品外观及包装保持完好的可向所购机的经销商换机。
2.消费者在换机时应出示由经销商开出的购机收据及保修卡，否则经销商可以 不予更换。

二、保修政策：
产品在购买之日起1年内，可免费享有维修服务；对于超过1年的产品及人为或不可抗力因素造成损坏的产品，我司可提供有偿维修服务。

售后服务地址:
广东省珠海市高新区唐家湾镇科技九路10号
珠海市蔚科科技开发有限公司 售后服务部
邮编：519085

制造商：
珠海市蔚科科技开发有限公司

制造商地址：
广东省珠海市高新区唐家湾镇科技九路10号

电话：0756-3689866

邮箱：mail@cherubtechnology.com

有关产品中所含有害物质的说明

本资料就本公司产品中所含的特定有害物质及其安全性予以说明。
本资料适用于2007年3月1日以后本公司所制造的产品。

环保使用期限

此标志适用于在中国国内销售的电子信息产品，表示环保使用期限的年数。所谓环保使用期限是指在制造日起的规定期限内，产品中所含的有害物质不致引起环境污染,不会对人身、财产造成严重的不良影响。环保使用期限仅在遵照产品使用说明，正确使用产品的条件下才有效。不当的使用，将会导致有害物质泄漏的危险。

产品中有毒有害物质或元素的名称及含量

部件名称	有害有毒物质或元素					
	铅 (Pb)	汞 (Hg)	镉 (Cd)	六价铬 (Cr(VI))	多溴联苯 (PBB)	多溴二苯醚 (PBDE)
外壳(壳体)	×	○	○	○	○	○
电子部件 (印刷电路板等)	×	○	×	○	○	○
附件 (电源线、交流适配器等)	×	○	○	○	○	○

○ ：表示该有害有毒物质在该部件所有均质材料中的含量均在 SJ/T11363-2006 标准规范的限量要求以下。

× ：表示该有害有毒物质至少在该部件的某一均质材料中的含量超出 SJ/T11363-2006 标准规定的限量要求。
因根据现有的技术水平，还没有什么物质能够代替它。

www.nuxefx.com