NU>X

Verdugo Series

Owner's Manual
使用手册

ATLANTIC
— delay & reverb —

"亚特兰提克"延迟与混响双踩钉效果器

NDR-5

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.

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. 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!

Overview

One of the best Delay and Reverb algorithms in a stomp box. NUX Atlantic Delay & Reverb pedal has special-selected 3 Delay & 3 Reverb effects with an additional dreamy Shimmer effect. And now with the NUX's latest Core Image technology, Verdugo series are offering one of the best sound enhancements. We are choosing the best ideas to make it real for musicians.

NUX Atlantic Delay & Reverb pedal also has inside routing control between the effects, you can choose which effect comes firstly. On serial mode you can create a deep reflection reverb with wet or dry repeats, or you can split your guitar signal and add both effects in parallel chain. Each effect will be mixed with separated dry signals.

It has 6.35 mm mono jack input and 2 outputs you can also connect stereo for the real Delay & Reverb experience.

It has an Input Level toggle switch, you can optimize the input signal with your signal level.

Features
- 3 Delay Effects - 70's Analog, 60's Tape and 80's Digital
- NUX SMART TAP with Tap Subdivision Options
- 3 Reverb Effects - Spring, Plate and Hall
- Plate Reverb with Shimmer Effect
- TRS Input - Insert Connection
- Input Level Switch (-10dB / +4dB)
- Parallel or Serial Routing
- Stereo Output
- USB Port for firmware updates

Control Panel

Delay toggle switch   Reverb toggle switch

LEVEL(DELAY) knob

REPEAT knob

TIME knob

DELAY LED indicator

Delay footswitch

LEVEL (REVERB) knob

DECAY knob

REVERB LED indicator

Reverb footswitch

Delay toggle switch

70's (40ms - 400ms)
Retro-delay meets modern technology, without losing the realistic BBD-effected repeats, so essential for capturing the 70's retro feel.

60's (55ms - 550ms)
A warm & dusty tape-echo machine effect, packed with an array of analogue-only goodies. Saturated colors that turn any sound into vintage. Tweak the Repeat knob to the max and use the Time knob to get an experience, just like the real Tape-Echo Machine.

80's (80ms - 800ms)
A digital era invention, crystal clear repeats. Digitally-copied clean repeats carries your signal without absolutely zero color particles. This is the best option if you don't want to mix your favorite chorus with another colorization effect--or your favorite modulation effect.

LEVEL (DELAY) knob

Controls the wet/dry balance. Adjusts the volume for your repeats.

REPEAT knob

Varies the numbers of repeats. When set to the MAX sustained runaway will start. You can create an infinite sustained runaway on 60's Delay mode.

TIME knob

Controls the delay time. Turning the Time knob while repeating can produce interesting pitch effects.

Time knob also changes the TAP subdivision on TAP TEMPO mode. (See TAP TEMPO)

DELAY LED indicator

It also shows the TAP TEMPO.

Delay footswitch

Engages and disengages the Delay effect. And activates TAP TEMPO.

Control Panel

TAP TEMPO

Instantly synch-up your delays with the tempo you want to accompany. Simply tap the tempo with your foot. TAP TEMPO Speed range is 125 ms - 1500 ms for all delay types.

Delay Pattern

Before you set the TAP TEMPO, use the Time Knob and choose any desired time signature to change the delay pattern. When TAP TEMPO is engaged, your repeats will create a delay pattern according to selected time signature.

TAP Values

1/8, 1/6, 1/4, 1/3, 1/2, 3/4 and 1.

Reverb toggle switch

Spring Reverb

Creates a polyphonic atmosphere filter that catches the sound reflections from deep down spring reverb tank. You can adjust the tank size with the level knob and set the reflection distance with the decay knob.

Plate Reverb & Shimmer

Straight and clean reflections inside a flat-walled room. You can control the room-size with the Level knob and then tweak the Delay bounce point with the Decay knob.

If you hold down the Reverb switch, straight reflections will be heated and swirled throughout the inside of the room creating a Shimmer effect.

Hall Reverb

The sound of a well-designed hall. Whether the hall size is big or small, the reflections will be emitted by wall furniture. You can adjust the interior hall-size, from a small garage to a huge structure with the Level knob and increase or decrease the number of objects on the walls with the Decay knob. Less decay means more objects and faster reflection fading.

LEVEL (REVERB) knob

Controls the balance of wet signal and dry signal. Adjust the Reverb level and size of the area.

DECAY knob

Controls the decay time of the wet signal. Range can depends on selected reverb type.
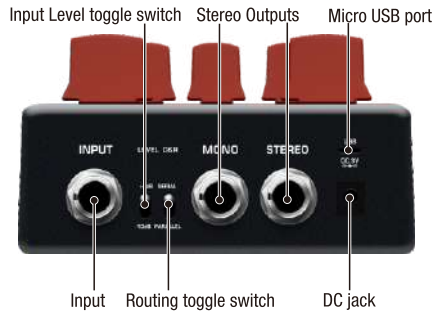
Reverb LED indicator

Reverb footswitch

Engages and disengages the Reverb effect. And controls the Shimmer effect.

Shimmer: Choose Plate Reverb. Then hold the Reverb foot-switch (as long as you want) until your effect takes flight. The effect will fade-out when you release the foot-switch.

Input Level toggle switch   Stereo Outputs   Micro USB port

INPUT   LEVEL D&R   MONO   STEREO   DC 9V

Input   Routing toggle switch   DC jack

Input

INPUT

6.35 mm Insert jack.

Input Level toggle switch

LEVEL

+4dB
-10dB

Adjusts the input headroom. If the input signal is too strong, switch to +4 dB to increase the headroom.

Routing toggle switch

D&R

SERIAL
PARALLEL

You can use the Delay and Reverb effect with parallel or serial connection. In serial mode, you can change the signal routing. Before plug-in the power cable, hold one of the effect footswitch which you want to come firstly, then plug-in the power cable.

Stereo Outputs

MONO   STEREO

Use the right output for mono connection.

Micro USB port

USB

Connect to PC for firmware update.
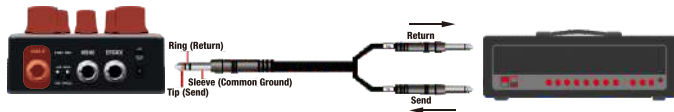
DC jack

DC 9V

9V DC ⊕—●—⊝ .

Connection Methods

Atlantic's input jack can support stereo cable as insert (send/ return) method. Please see the blow two drawings:

Using "Y" cable connection

Using "Insert" cable connection

Inside Routing

DELAY first

INPUT — DELAY — REVERB — OUTPUT

1.Set SERIAL   2.Hold down the Delay footswitch   3. Plug-in the power cable

REVERB first

INPUT — REVERB — DELAY — OUTPUT

1.Set SERIAL   2.Hold down the Reverb footswitch   3. Plug-in the power cable

Inside Routing

Parallel Routing

Set PARALLEL
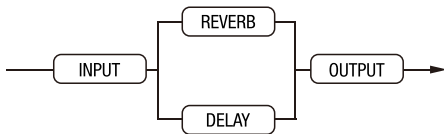
Specifications

-Sampling rate: 44.1kHz
-A/D Converter: 32bit
-Signal Processing: 32bit
-Frequency Response: 20Hz~20kHz
-THD+N: -100dBu(A- Weighting)
-Dynamic Range: 102dB
-Input Impedance: 1MΩ
-Output Impedance: 1kΩ
-Power: 9V DC (Negative tip, Optional ACD-006A adapter)
-Dimensions: 105mm(L) x 115mm(W) x 57mm(H)
-Weight: 420g

Accessories: User manual, Warranty card
*Specifications and features are subject to change without notice.

www.nuxefx.com   Made in China

产品简介

"亚特兰提克"是一款集合了三种精选延迟效果与三种混响效果的双踩钉效果器，特别值得一提的是混响效果包括了传奇而又梦幻的Shimmer效果。与Verdugo系列的其它效果器一样，"亚特兰提克"也运用了"Core Image"技术来将那些因各种原因面临消逝的音色重新呈现给音乐人。

"亚特兰提克"内建了信号链切换功能，您可以根据需要自由选择将延迟与混响并联或串联，串联时您还能选择混响与延迟串联的先后顺序。

除常规的单声道输出外，"亚特兰提克"还提供了立体声输出解决方案，能让您更真切地感受延迟效果和混响效果。

此外，输入信号电平拨档开关能让您根据情况优化输入信号电平。

产品特点
- 3种延迟效果：70's模拟延迟，60's磁带延迟和80's数字延迟
- 3种混响效果：弹簧混响、平板混响和大厅混响
- 输入接口支持TRS Insert
- 输入拨挡开关（-10dB/+4dB）
- 并连或串连
- 立体声输出
- USB端口用于固件更新

控制面板

延迟效果选择拨档开关　混响效果选择拨档开关

LEVEL (延迟) 旋钮

REPEAT旋钮

TIME旋钮

LEVEL(混响) 旋钮

DECAY旋钮

延迟效果指示灯

混响效果指示灯

延迟效果踩钉

混响效果踩钉

ATLANTIC
delay & reverb

Smart TAP　Hold For Shimmer

NUX

延迟效果选择拨档开关

70'S
60'S
80'S

70's (40ms - 400ms)
70年代延迟，使用模拟BBD器件建立的音色温暖、浑厚的模拟电路延迟。

60's (55ms - 550ms)
60年代延迟，使用磁带作为载体的延迟效果，其声音特性较为丰满多汁，并带有磁带独特的摩擦感、粗糙感。

80's (80ms - 800ms)
80年代延迟，精确、干净、清晰的数字延迟。

LEVEL (延迟) 旋钮

LEVEL

调节延迟效果干湿比例。

REPEAT旋钮

REPEAT

调增延迟声重复次数。当旋至最大处时，会产生"持续失控"延迟效果。在60's延迟模式下能够制造一个无穷尽的"持续失控"效果。

TIME旋钮

TIME

调节细分延迟效果时值。此外，它还可以在打点测速时改变细分节拍的既有拍子。

延迟效果指示灯

DELAY

在打点测速功能开启时会闪烁以提供视觉辅助。

延迟效果踩钉

Smart TAP

用于开启或关闭延迟效果，还可以用于开启及设置打点测速功能。

控制面板

打点测速

需要激活打点测速功能时，按照需要的节拍连续踩下踩钉数次即可。打点测速功能激活延迟速度会立即同步。打点测速的速度范围在125毫秒至1500毫秒之间。

延迟拍长

在您设置打点测速之前，可以转动"TIME"旋钮来选择延迟时值，当打点测速激活后，延迟效果会根据所选择拍长来同步。

混响效果选择拨档开关

弹簧混响(SPR)

弹簧混响经常出现在某些吉他音箱中，产生独特的混响效果。

平板混响(PLA)

音色丰富的人工混响，非常适合产生极端丰富、宏大的混响效果。

大厅混响(HAL)

模拟中等空间的室内混响效果。

LEVEL (混响) 旋钮

调节混响效果的强弱。

DECAY旋钮

调节混响效果衰减时间的长短，时间范围会根据混响效果的类型不同而变化。

混响效果指示灯

混响效果踩钉

用于开启或关闭混响效果，还可以用于控制Shimmer效果。

Shimmer效果

选择PLA reverb（平板混响），踩下混响效果踩钉开启Shimmer效果，松开踩钉后Shimmer效果会以渐弱的方式关闭。

I/O接口

输入电平拨档开关　立体声输出接口　Micro USB接口

6.35mm 输入接口　信号链拨档开关　DC电源接口
（支持TRS Insert接法）

I/O接口

6.35mm输入接口（单声道）

INPUT

6.35mm输入接口，可根据需要使用单声道输入。本接口支持TRS Insert接法。

输入电平拨档开关

LEVEL

+4dB
-10dB

调节输入动态余量（Headroom），如果输入信号过强，请选择+4dB档来增加可承受信号范围。

信号链拨档开关

D&R

SERIAL

PARALLEL

您可以将延迟效果跟混响效果并联或者串联，串联时可以在接入电源前按住需要先处理效果的踩钉来改变延迟与混响的串联顺序。

立体声输出接口

MONO   STEREO

6.35mm输出接口，可根据需要使用单声道输出或立体声输出。
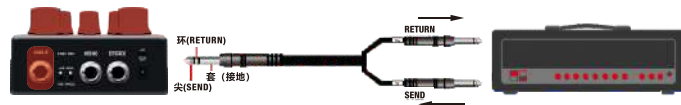
Micro USB接口

USB

用于连接PC或MAC来升级固件。

DC电源接口

DC 9V

9V DC ⊕—●—⊖ .

亚特兰提克的输入接口支持使用大三芯立体声音频线来使用"Insert（SEND/RETURN）"接线法。

使用Y型线（大三芯转二个大二芯）

环(RETURN)
套（接地）
尖(SEND)
RETURN
SEND

使用立体声大三芯对大三芯。

环(RETURN)
套（接地）
尖(SEND)
环(RETURN)
套（接地）
尖(SEND)
INSERT

信号链切换设置

延迟在混响之前

输入信号 → 延迟效果 → 混响效果 → 输出信号

1. 选择"SERIAL"档位　　2. 踩住"DELAY"踩钉　　3. 接入电源

混响在延迟之前

输入信号 → 混响效果 → 延迟效果 → 输出信号
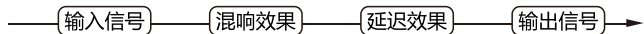
1. 选择"SERIAL"档位　　2.踩住"REVERB"踩钉　　3. 接入电源

延迟与混响效果并联

输入信号 → [混响效果 / 延迟效果] → 输出信号

选择"PARALLEL"档位
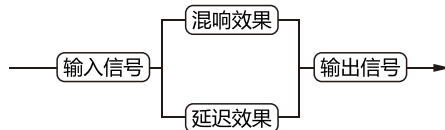
技术规格

-采样频率：44.1kHz
-A/D转换精度：32bit
-信号处理精度：32bit
-频率响应范围：20Hz~20kHz
-动态范围：102dB
-输入阻抗：1MΩ
-输出阻抗：1kΩ
-电源：9V DC外正内负(选配 电源适配器ACD-006A)
-尺寸：105mm(长) x 115mm(宽) x 57mm(高)
-重量：420g

随机附件：使用说明书、保修卡。

*技术规格如有变更，恕不另行通知。

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

[请向销售商索取正规发票并予以保存]

换修政策

一、包换政策：

1、消费者通过正规授权渠道购买的产品，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，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凭证，否则经销商可以不予更换。

二、保修政策：

1、消费者通过正规授权渠道购买的产品(以发票所示销售方为准)，自购买之日起1年内，若出现非人为损坏的性能故障，可享有免费维修服务。

2、对于超过1年或人为及不可抗力因素造成损坏的产品，我司可提供有偿维修服务。

*本售后政策仅适用于中国大陆地区，其它国家及地区以当地售后政策及法律法规为准。

合 格 证
Certificate

检验员　　　　　　名　称　"亚特兰提克" 延迟与混响
Inspector　　　　　Name　　双踩钉效果器

型　号　　**NDR-5**
Type

生产日期　　　　本产品经检验合格
Date　　　　　This product is inspected and approved.

执行标准: Q/WKDZ 001-2020
Product is certificated with Q/WKDZ 001-2020

制造商
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制造商地址
深圳市南山区蛇口兴华路6号南海意库1号楼507
电话: 0755-2686 9866
网址: www.nuxefx.com

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珠海市蔚科科技开发有限公司　售后服务部
邮编: 519085

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电话: 0756-3689866