



GHOST NOTE
AUDIO

AMVERB

USER MANUAL



CONTROLS

Outputs

Stereo output.
Line-level, 1/4" connectors

Input

Controls the input gain.
Ranges from -12dB at minimum to 0dB at maximum.
If the input signal is clipping, the left "Preset" LED will flash to indicate this.

Low

Low shelf EQ with ± 12 dB range. At noon the filter is flat

Freq

Sets the corner frequency for the low shelf EQ, from 60 Hz to 600 Hz

Tail

Changes the bypass behaviour of the pedal. When Off, the pedal uses a relay-based true bypass, which cuts the signal instantly. When set to On, the pedal stays permanently engaged, but the input signal to the reverb tank is muted. This lets reverb tails decay naturally when bypassing the effect.

Preset

Switches between two presets (red and blue). When tweaking the controls, the selected preset is automatically updated in realtime.

Mix

Controls the blend of wet and dry signal. At noon, both wet and dry signals are at 100%

Inputs

Stereo Input.
Line-level, 1/4" connectors

Output

Controls the output gain.
Ranges from -30dB at minimum to 0dB at maximum.
If the Output is set too high, the signal will clip, and the "Active" LED will flash to indicate this.

High

High shelf EQ with ± 12 dB range.
At noon the filter is flat

Freq

Sets the corner frequency for the high shelf EQ, from 1 KHz to 10 KHz

Program

Scrolls through the 8 programs in the selected Bank

Stereo

When set to Off, the left and right outputs are mixed together, and the pedal outputs a dual mono signal. When On, the output produces a wide stereo reverb effect

Active

Activates or bypasses the pedal, using the method determined by the Tails switch.



Bank

Switches between 8 different banks of programs, for a total of 64 programs.

With each bank, the programs get increasingly longer and bigger, with the last two banks dedicated to reverse delays and gated reverbs.

MIDI CONTROL

MIDI CC Control

CC #1	Input
CC #2	Mix
CC #3	Output
CC #4	Low
CC #5	Program
CC #6	High
CC #10	Low Freq
CC #12	High Freq
CC #13	Bank
CC #14	Tails
CC #15	Stereo
CC #16	Preset
CC #17	Active

MIDI Setup Mode

To select the active MIDI channel, hold down the MODE button and press the PRESET footswitch. This enters Midi Setup mode.

Press the MODE button to cycle through channels 0-15. The four LEDs indicate, in binary, which channel is selected.

Press the PRESET footswitch again to exit Midi Setup mode.

MIDI Channel Select

<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	0 (Channel 1)
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1 (Channel 2)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	2 (Channel 3)
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	3 (Channel 4)
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	4 (Channel 5)
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	5 (Channel 6)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	6 (Channel 7)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	7 (Channel 8)
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	8 (Channel 9)
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	9 (Channel 10)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	10 (Channel 11)
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	11 (Channel 12)
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	12 (Channel 13)
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	13 (Channel 14)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	14 (Channel 15)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	15 (Channel 16)

EXPRESSION CONTROL

Expression Pedal Setup

To select what the expression pedal controls, hold down the MODE button and press the ACTIVE footswitch. This enters Expression Setup mode.

Press the MODE button to cycle through the various modes. The 4 White LEDs as well as the footswitch LEDs indicate what control mode is active

Press the ACTIVE footswitch again to exit Expression Setup mode.

Expression Pedal Settings

<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Toggle Preset - use with momentary switch (light blinks)
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Latch Preset - use with continuous controller or latching switch
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Control Input Gain
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Control Mix
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Control Output Gain
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Not Used
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Toggle Active - use with momentary switch (light blinks)
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Toggle Active - use with continuous controller or latching switch

SPECIFICATIONS

Input Impedance	500k Ohm
Output Impedance	150 Ohm
Maximum Input Level	+6.2 dBu
Maximum Output Level	+4.0 dBu
Power Connector	2.1mm Centre Negative
Input Voltage	9V DC (or 5V USB-C power)
Input Current	100mA
Samplerate	48Khz
Bit Depth	24 Bit
Frequency Response	40Hz - 20KHz
Midi Input	3.5mm TRS (Type-A)
Expression Input	3.5mm TRS (T=Out, R=Power, S=GND)
Width	83mm (3.25")
Height	125mm (5")
Thickness (incl. Knobs)	55mm (2.15")
Weight	590 grams (1.3 lbs)

FURTHER INFORMATION

Audio Connections

The pedal has stereo 1/4" unbalanced inputs and outputs. The inputs can accept both line-level or instrument-level signals. The inputs are normalized, so if only one input is connected, the signal is automatically routed to the second input as well.

USB Power

The pedal can be powered over USB. This can be great for reducing the number of cables, if you're using the unit on your desk, next to a computer. However, the USB power input is unregulated and can introduce additional noise from your computer over the USB power bus and cause unwanted noise on the output.

For the best results, we always recommend using a dedicated, high quality 9v power supply.

Firmware Updates

In order to update the firmware version on your pedal, or to upload a different effect altogether to your hardware, the procedure is simple.

First, make sure the power supply and USB cables are disconnected and that the pedal is off.

Next, hold down the Shift key, and while still pressing it down, connect the USB cable.

This will set the pedal into "bootloader mode", and it will present itself to your computer as a USB storage device.

From there, we can simply download the firmware file we want to upload, and copy it across to the USB storage device. The transfer should only take a second or two, after which the device resets, and your new firmware will be active.

Faceplate Swap

The faceplate can be reversed, the back side contains the same silkscreen printing, but any gold accents are removed, for a cleaner, more readable interface.

The faceplate is attached using 3mm hex key screws - a hex key is included in the box with every pedal.

Reprogramming your Pedal

This pedal can be re-programmed to behave as any other pedal in the Daedalus line-up. You do not need to swap out the faceplate in order to test a new effect.

The procedure is the same as when updating the firmware, but you just use the firmware for another effect model. It is perfectly safe (and even encouraged!) to flash your pedal with the firmware of different effect models, if you would like to test them out and see what they sound like.

WARRANTY INFORMATION

Ghost Note Audio 2-Year Limited Warranty

Coverage

Ghost Note Audio warrants that your product will be free from defects in materials and workmanship for a period of two (2) years from the original date of purchase. During this period, we will repair or replace (at our discretion) any product found to be defective under normal use.

Exclusions

This warranty does not cover:

- Damage caused by misuse, abuse, accidents, or neglect.
- Unauthorized modifications, alterations, or repairs.
- Damage due to improper power supply, incorrect connections, or unsuitable operating conditions.
- Normal wear and tear (including cosmetic damage such as scratches, finish wear, or worn knobs/switches).
- Loss, theft, fire, flood, lightning, or other natural disasters.

Limits of Liability

Our responsibility is strictly limited to the repair or replacement of defective products as described above. Ghost Note Audio shall not be held liable for any incidental, indirect, or consequential damages, including but not limited to: loss of profits, loss of savings, or damage to other equipment. Liability shall never exceed the original purchase price of the product.

How to Obtain Service

If you believe your pedal is defective and within warranty coverage:

1. If you purchased your unit from a 3rd party retailer or distributor, please contact them directly, and allow them to arrange for warranty services in collaboration with us. All items purchased from authorized Ghost Note Audio Dealers are subject to the Dealer's terms and conditions for Returns. Items purchased from authorized Ghost Note Audio Dealers should not be returned directly to Ghost Note Audio unless you are specifically instructed to do so by us.
2. If you purchased your unit directly from us (via <https://ghostnoteaudio.uk>) you can contact us through our website's Contact Form to arrange for repairs or replacement.
3. The customer is responsible for shipping the product to Ghost Note Audio. In cases where the fault is clearly the result of a manufacturing defect or a known production issue, we will reimburse your postage cost (subject to a 25 GBP limit). Please discuss the issue with us to determine if you are eligible for refunded postage.
4. If the repair is covered under warranty, return shipping will be covered by us.
5. Non-warranty repairs may be billed for labor and parts, and return shipping will be the customer's responsibility.

Transferability

This warranty is offered only to the original purchaser and is non-transferable.

By using this product, the purchaser accepts all terms outlined in this warranty.

PROGRAM LIST

Bank 1

- 1 .2 Sec Small Bright
- 2 .2 Sec Small Warm
- 3 .2 Sec Medium Bright
- 4 .3 Sec Small Bright
- 5 .3 Sec Small Warm
- 6 .4 Sec Medium Bright
- 7 .4 Sec Medium Warm
- 8 .6 Sec Small Bright

Bank 2

- .1 .6 Sec Medium Warm
- 2 .6 Sec Medium Dark
- 3 .8 Sec Small Bright
- 4 .8 Sec Large Warm
- 5 1.0 Sec Small Warm
- 6 1.0 Sec Medium Warm
- 7 1.0 Sec Large Bright
- 8 1.2 Medium Warm

Bank 3

- 1 1.2 Sec Small Warm
- 2 1.2 Sec Small Bright
- 3 1.4 Sec Large Warm
- 4 1.4 Sec Large Dark
- 5 1.4 Sec Medium Warm
- 6 1.6 Sec Small Dark
- 7 1.6 Sec Large Bright
- 8 1.6 Sec Medium Bright

Bank 4

- 1 1.8 Sec Large Dark
- 2 1.8 Sec Large Bright
- 3 1.8 Sec Medium Warm
- 4 2.0 Sec Large Bright
- 5 2.0 Sec Medium Warm
- 6 2.0 Sec Large Warm
- 7 2.5 Sec Medium Warm
- 8 2.5 Sec Large Bright

Bank 5

- 1 2.5 Sec Medium Bright
- 2 2.8 Sec Small Bright
- 3 2.8 Sec Medium Bright
- 4 3.0 Sec Large Bright
- 5 3.0 Sec Large Warm
- 6 3.0 Sec Medium Dark
- 7 3.5 Sec Large Bright
- 8 3.5 Sec Medium Warm

Bank 6

- .1 4.0 Sec Large Dark
- 2 4.0 Sec Medium Bright
- 3 5 Sec Large Warm
- 4 8 Sec Large Bright
- 5 8 Sec Large Warm
- 6 10 Sec Large Bright
- 7 10 Sec Large Warm
- 8 16 Sec Large Dark

Bank 7

- 1 18 Sec Ex. Large Bright
- 2 20 Sec Ex Large Dark
- 3 Gated - 100ms
- 4 Gated - 150ms
- 5 Gated - 200ms
- 6 Gated - 250ms
- 7 Gated - 300ms
- 8 Gated - 350ms

Bank 8

- 1 Gated - 400ms
- 2 Gated - 500ms
- 3 Gated - 600ms
- 4 Reverse - 300ms
- 5 Reverse - 400ms
- 6 Reverse - 500ms
- 7 Reverse - 600ms
- 8 Defeat