

POLARA

REVERBERATION

OWNER'S MANUAL



WARRANTY

We at DigiTech® are very proud of our products and back up each one we sell with the following warranty:

1. Please register online at digitech.com within ten days of purchase to validate this warranty. This warranty is valid only in the United States.
2. DigiTech warrants this product, when purchased new from an authorized U.S. DigiTech dealer and used solely within the U.S., to be free from defects in materials and workmanship under normal use and service. This warranty is valid to the original purchaser only and is non-transferable.
3. DigiTech liability under this warranty is limited to repairing or replacing defective materials that show evidence of defect, provided the product is returned to DigiTech WITH RETURN AUTHORIZATION, where all parts and labor will be covered up to a period of one year. A Return Authorization number may be obtained by contacting DigiTech. The company shall not be liable for any consequential damage as a result of the product's use in any circuit or assembly.
4. Proof-of-purchase is considered to be the responsibility of the consumer. A copy of the original purchase receipt must be provided for any warranty service.
5. DigiTech reserves the right to make changes in design, or make additions to, or improvements upon this product without incurring any obligation to install the same on products previously manufactured.
6. The consumer forfeits the benefits of this warranty if the product's main assembly is opened and tampered with by anyone other than a certified DigiTech technician or, if the product is used with AC voltages outside of the range suggested by the manufacturer.
7. The foregoing is in lieu of all other warranties, expressed or implied, and DigiTech neither assumes nor authorizes any person to assume any obligation or liability in connection with the sale of this product. In no event shall DigiTech or its dealers be liable for special or consequential damages or from any delay in the performance of this warranty due to causes beyond their control.

NOTE: The information contained in this manual is subject to change at any time without notification. Some information contained in this manual may also be inaccurate due to undocumented changes in the product since this version of the manual was completed. The information contained in this version of the owner's manual supersedes all previous versions.

TECHNICAL SUPPORT & SERVICE

If you require technical support, contact DigiTech Technical Support. Be prepared to accurately describe the problem. Know the serial number of your device – this is printed on a sticker attached to the chassis. If you have not already taken the time to register your product, please do so now at digitech.com.

Before you return a product to the factory for service, we recommend you refer to this manual. Make sure you have correctly followed installation steps and operating procedures. For further technical assistance or service, please contact our Technical Support Department at (801) 566-8800 or visit digitech.com. If you need to return a product to the factory for service, you **MUST** first contact Technical Support to obtain a Return Authorization Number.

NO RETURNED PRODUCTS WILL BE ACCEPTED AT THE FACTORY WITHOUT A RETURN AUTHORIZATION NUMBER.

Please refer to the Warranty information, which extends to the first end-user. After expiration of the warranty, a reasonable charge will be made for parts, labor, and packing if you choose to use the factory service facility. In all cases, you are responsible for transportation charges to the factory. If the product is still under warranty, DigiTech will pay the return shipping.

Use the original packing material if it is available. Mark the package with the name of the shipper and with these words in red: DELICATE INSTRUMENT, FRAGILE! Insure the package properly. Ship prepaid, not collect. Do not ship parcel post.

INTRODUCTION

Thanks for choosing the DigiTech® Polara reverb stereo effect pedal. The Polara was designed for the selective guitarist who wants the highest quality reverb in a compact package. The Polara provides such distinguishing features as world-famous Lexicon® reverb algorithms, true bypass, constant high voltage operation, and true stereo processing, making the Polara an essential addition to the signal chain of players who know about sound quality and demand the utmost in performance with superior tone and control.

The Polara offers 7 genuine Lexicon® reverb types:

- Room
- Plate
- Reverse
- Modulated
- Halo
- Hall
- Spring

To use the Polara pedal, enable the effect with the Footswitch (the LED will light when the effect is enabled). Adjust the LEVEL control to mix in the amount of reverb effect. Select the desired reverb type with the REVERB TYPE selector control. Adjust the tone of the reverb with the LIVELINESS control and the length of the reverb tail with the DECAY control. Set the TAILS switch to the 'ON' position if you want the tails to decay naturally after switching the effect off. Or, set the TAILS switch to the 'OFF' position if you want the tails to end abruptly when switching the effect off or want to utilize the true bypass feature.

FEATURES

- 7 Lexicon Reverb Algorithm Types
- Tails On/Off Switch
- True Bypass
- Stereo 1/4" Inputs & Outputs w/ True Stereo Processing
- Constant High Voltage Power Rails
- Effect On/Off LED Indicator
- Soft Touch Vacuum Switch
- Included StompLock™ & Pedalboard Hook & Loop Pad

USER INTERFACE



1. Tails Switch

When this switch is set to the on position, reverb tails will decay naturally when the effect is switched to bypass. When set to the OFF position, reverb decays will end abruptly when the effect is switched to bypass. When the Tails Switch is set to ON, the Polara does not utilize true hardware bypass. If you always want to use true hardware bypass, set the Tails Switch to the OFF position.

2. DC Power Jack

Connect the specified HARMAN power supply (sold separately) to this jack. Be sure to use the proper power supply for your area's mains line voltage. See '*Specifications*' on page 8 for power supply model information. The Polara can only be powered using the external power supply.

3. Reverb Type Knob

Selects one of 7 Lexicon® reverb algorithm types:

- **ROOM** - Fast decaying reverb; great for a touch of ambience.
- **PLATE** - Renowned studio reverb found on classic recordings.
- **REVERSE** - Reverb in reverse; quietly crescendos to full volume.
- **MODULATED** - Lush modulating reverb ideal for chords.
- **HALO** - Shimmering reverb with cascading octave shifts.
- **HALL** - Large encompassing reverb with warm decay.
- **SPRING** - Classic "surf" reverb; great for Rockabilly too!

4. Decay Knob

Controls the length of time it takes for the reverb to fade out.

5. Input 1 (Mono)

Use this jack when only a single connection is needed. Connect your instrument, the output of a pedal, or an amp effects send to this jack. Signals are heard at both outputs when only this jack is used.

6. Indicator LED

Lights when the effect is turned on.

7. Input 2

Connect a second input to this jack for stereo operation. Inputs 1 and 2 are processed separately through the stereo reverb effect then fed to Outputs 1 and 2, keeping true stereo separation between channels.

8. Footswitch

Turns the effect on and off.

9. Output 2

Connect this output to the input of a second guitar amplifier when a second amp is being used.

10. Output 1 (Mono)

Connect this output to the input of a single guitar amplifier or amp effects return.

11. Liveliness Knob

Controls the amount of high frequency response in the Reverb's effect signal.

12. Level Knob

Controls the reverb level.

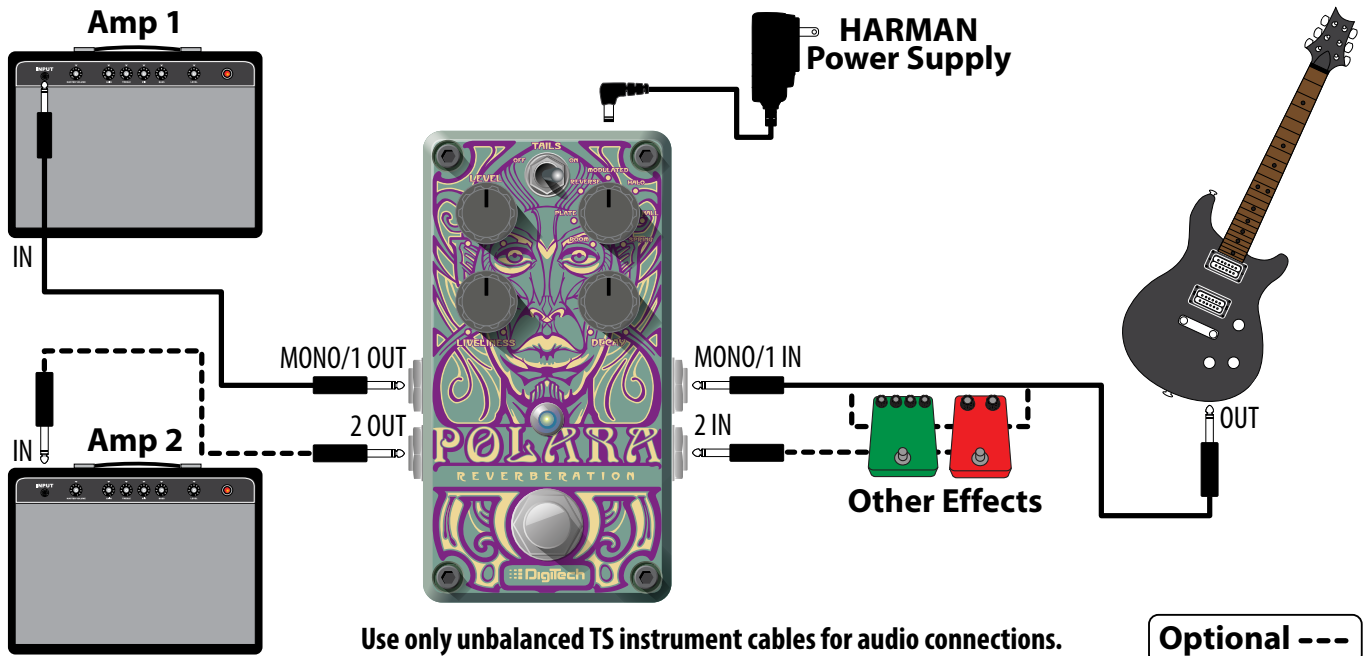
MAKING CONNECTIONS/APPLYING POWER

To connect the Polara pedal to your rig:

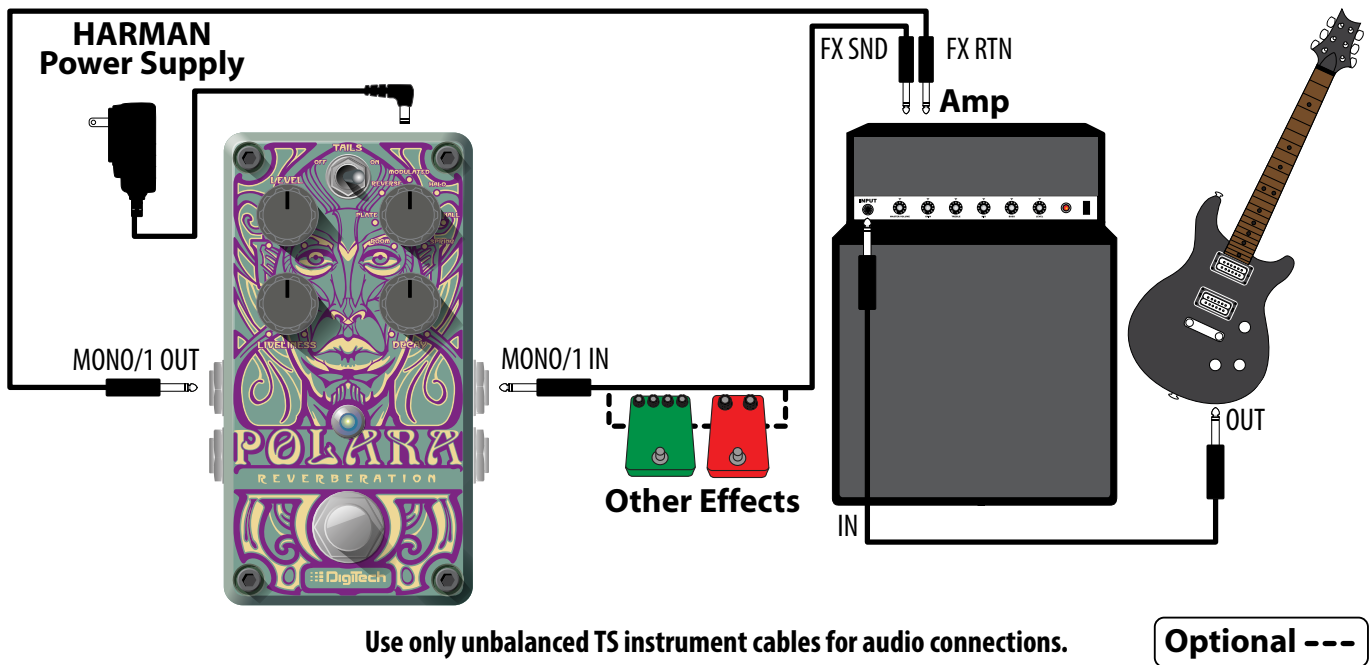
1. Turn down the amplifier's master volume control.
2. Make all audio connections to the Polara as shown in '*Connection Diagrams*' on page 4.
3. Connect the appropriate HARMAN power supply (sold separately) to the POWER input connector and connect the other end to an available AC outlet.
4. Strum your guitar and gradually increase your amplifier's master volume control until the desired level is achieved.

CONNECTION DIAGRAMS

Mono/Stereo Amplifier Setup



Amplifier Effects Loop Setup

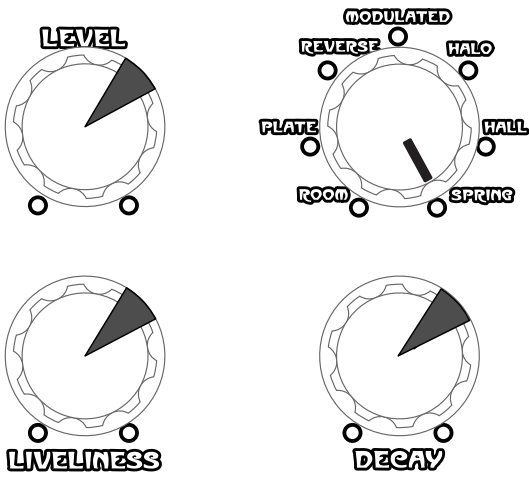


NOTE: If the amp effects loop has a mix control, set the mix to 100% full wet.

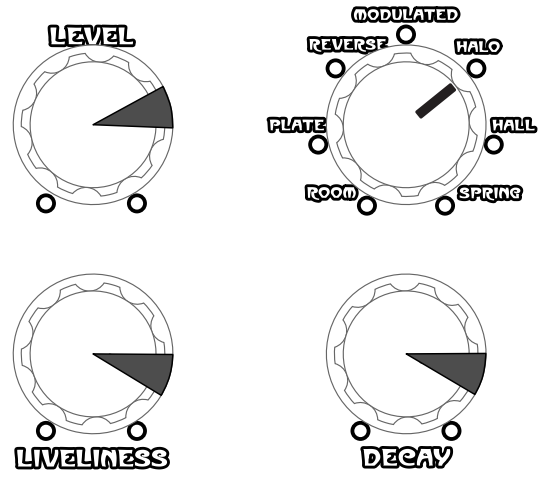
EXAMPLE SETTINGS

Try these settings to get started.

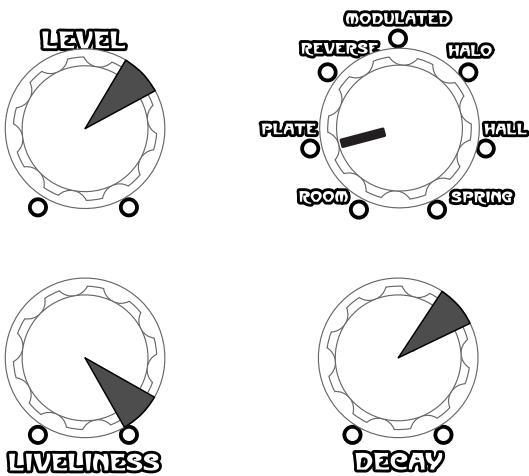
Surf Spring



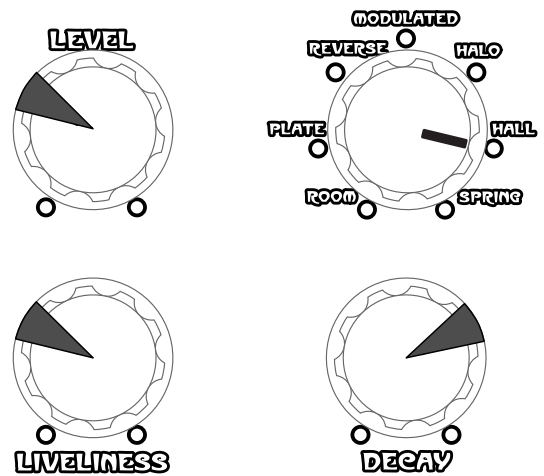
Ambient Shimmer



Bright Plate



Big Jazz Hall



PERFORMANCE ACCESSORIES

The performance accessories make integrating the Polara pedal into any pedalboard a snap. The following accessories are included:

- **Hook-and-loop Pedalboard Pad**
(designed to attach to the surfaces found on most commercial pedalboards)
- **StompLock™**
(keeps your settings where you want them)

Hook-and-loop Pedalboard Pad

To attach the Pedalboard Pad, do the following:

1. Peel off the existing rubber skid pad from the bottom of the pedal.
2. Peel the adhesive protector from the back of the Pedalboard Pad.
3. Apply the Pedalboard Pad to the bottom of the pedal.



StompLock™

The included StompLock lets you lock your settings in place, while the open-top design lets you see your settings.

To place the StompLock over the pedal knobs:

1. Set the knobs to your preferred settings.
2. Orient the StompLock so that it lines up with the knobs and gently push it over the top of the knobs.
3. To remove the StompLock, gently lift it up and off the knobs.



SPECIFICATIONS

Interface

Controls: Level, Liveliness, Decay, Reverb Type, Tails On/Off, Effect On/Off
Jacks: Input 1 (Mono), Input 2, Output 1 (Mono), Output 2

Inputs

Input Impedance: Effect on: >1 M Ω (stereo), >500 k Ω (mono)
Effect off: >1 M Ω (stereo), >500 k Ω (mono) with Tails switch on
Effect off: True hardwire bypass with Tails switch off

Outputs

Output Impedance: Effect on: 1 k Ω
Effect off: 1 k Ω with Tails switch on
Effect off: True hardwire bypass with Tails switch off

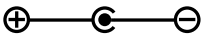
Physical

Dimensions: 4.40" (L) x 2.65" (W) x 2.0" (H)
Weight: 1.0 lb.

Power

Power Requirements: 9V DC external power supply
Power Consumption: 1.2 W (< 125 mA @ 9V DC)
Current Draw: 125 mA (typical at 9V DC)

Recommended Power Supply (Sold Separately)

Power Supply Model: PS0913DC-01 (US, JA, EU)
PS0913DC-02 (AU, UK)
PS0913DC-04 (US, JA, EU, AU, UK)
Power Supply Polarity: 
Power Supply Output: 9V DC 1.3 A

Specifications subject to change without notice.



PHONE: (801) 566-8800

WEB: digitech.com

SUPPORT: digitech.com/en-US/support

Polara Owner's Manual 5085509-B

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