

WARM
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WARM AUDIO Pedal76
All Analog Compressor



WARM AUDIO Pedal76 All Analog Compressor User Manual

[Home](#) » [WARM AUDIO](#) » WARM AUDIO Pedal76 All Analog Compressor User Manual 

Contents

- [1 WARM AUDIO Pedal76 All Analog Compressor](#)
- [2 INTRODUCTION](#)
- [3 BASIC PEDAL LAYOUT & CONTROLS](#)
- [4 SPECIAL NOTES ON ADDED FEATURES](#)
- [5 STARTER PEDAL SETTINGS](#)
- [6 TECHNICAL SPECIFICATIONS](#)
- [7 WARRANTY STATEMENT](#)
- [8 Documents / Resources](#)
 - [8.1 References](#)
- [9 Related Posts](#)

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WARM AUDIO Pedal76 All Analog Compressor



THANK YOU!

Thank you for purchasing the Warm Audio Pedal76. We feel this product delivers an accurate representation of classic 76-style studio compression for your pedalboard. We don't cut corners when it comes to what goes into our products, and Pedal76 is no exception.

Bryce Young

President
Warm Audio
Austin, Texas USA

REGISTER YOUR PEDAL76

Before we begin, please take the time to visit www.warmaudio.com to register your product. To ensure you receive proper and uninterrupted warranty support for your product, please register your unit within 14 days from purchase.

INTRODUCTION



The Pedal76 accurately reproduces one of the fastest and most powerful studio compressors of all time known for ultra-responsive dynamic control with rich analog tone. Using premium and custom components spec'd to duplicate the professional performance and tone of studio units, Pedal76 achieves authentic 76-style FET compression. Added grit from the FET, the rich character of the transformer, and critical gig-ready controls make

Pedal76 an ideal choice for recreating timeless studio sound on stage.

BASIC PEDAL LAYOUT & CONTROLS

- **RATIO**

The ratio knob runs from “4” (4:1) to “20” (20:1) going from less to more compression. For example, 4:1 means a 4 dB increase in input results in a 1 dB increase in output, and 8:1 means an 8 dB increase in input results in a 1 dB output increase. Higher ratios also slightly raise the compression threshold, so at 20:1, more of the signal remains uncompressed while transients above the higher threshold are heavily compressed. At ratios of 12:1 or 20:1, Pedal76 acts more as a limiter than a compressor.

- **ATTACK**

The Attack knob sets the amount of time it takes the Pedal76 to respond to an incoming signal level and begin compressing. Pedal76 is a “fast” compressor, so much so that increasing attack speed can control the dynamics to the point of perfectly even signal level, regardless of playing style. The Pedal76 attack time is adjustable from 20 microseconds to 800 microseconds.

- **RELEASE**

The release control sets the time it takes for Pedal76 to return to its uncompressed level, adjustable from 50 to 1100 milliseconds. A fast release can cause “pumping” and “breathing” due to rapid noise rise during gain restoration. A slow release can make a loud signal slowly become quiet, making the performance sound more dynamic.

- **OUTPUT**

This determines the final output level of the signal leaving the Pedal76. Once the desired amount of limiting or compression is achieved with the use of the Input control, the Output control can be used to make up any gain lost from the gain reduction.

INPUT/COMPRESSION

This determines the level of the signal entering the Pedal76, as well as the compression threshold. Higher settings will result in increased amounts of compression.

ADDED LIVE & RECORDING FEATURES

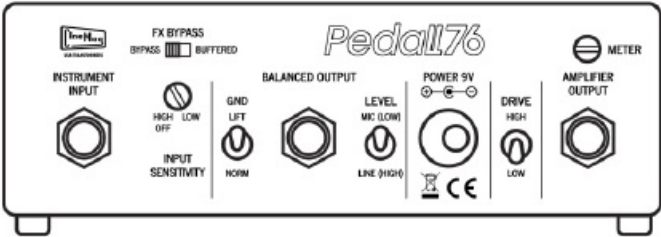
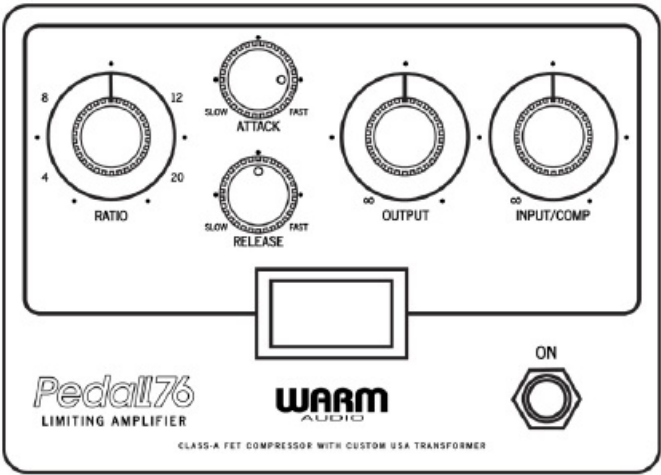
Pedal76 features an external switch for true and buffered bypass operation, ensuring the compressor plays nice in your rig. Switches for input sensitivity, ground/lift, pad engagement (for DI operation), and high/low gain modes provide added utility at gigs or in the studio. The separate balanced (DI) out also sends proper signal to the mixer or live recording rig, with the high gain mode adding a level boost with grit and rich transformer tone.

SPECIAL NOTES ON ADDED FEATURES

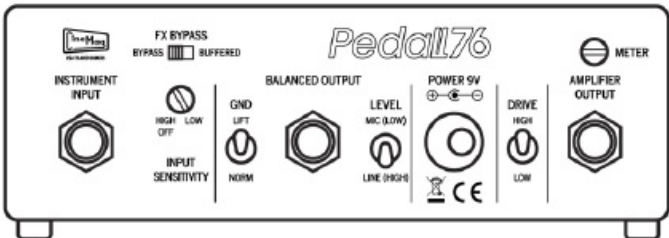
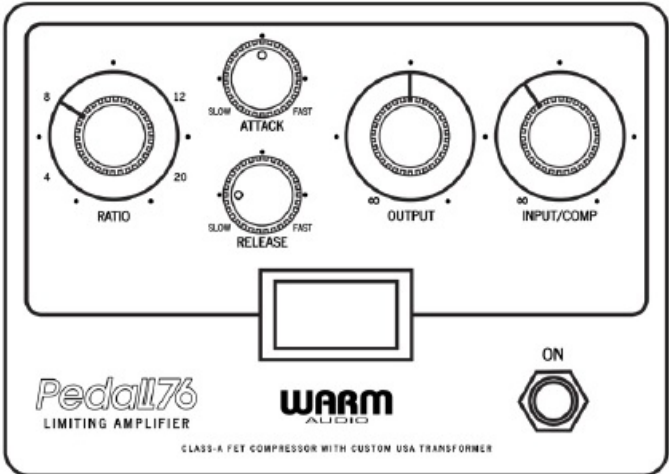
- Only use a balanced (TRS) cable with the ‘BALANCED OUTPUT’ jack
- The CineMag USA transformer is only engaged when using external (125mA minimum) external power
- The High/Low ‘DRIVE’ switch does pass signal through both the amplifier and balanced outputs, but additional harmonic distortion is audible on the balanced output.
- Turning the input sensitivity ‘up’ (clockwise) is better-suited for lower output signals, while turning the control down (counterclockwise) can help manage unwanted distortion from extra hot signals like some basses with active pickups and preamps.

STARTER PEDAL SETTINGS

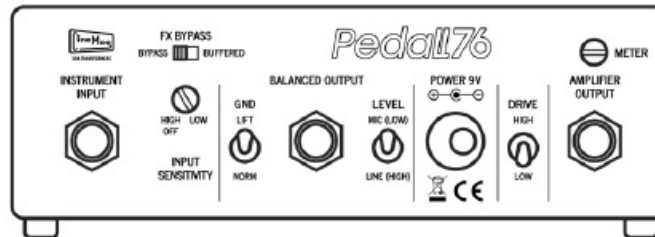
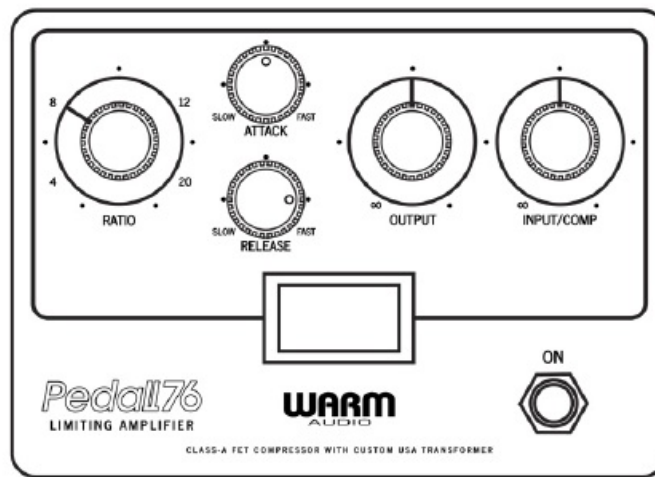
FUNKY MUNKS



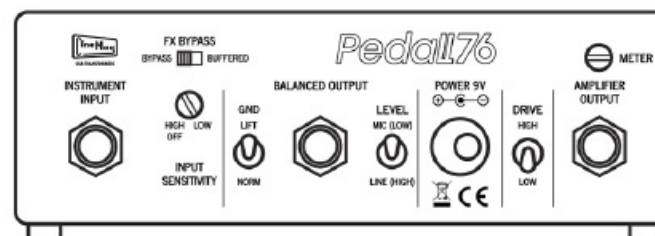
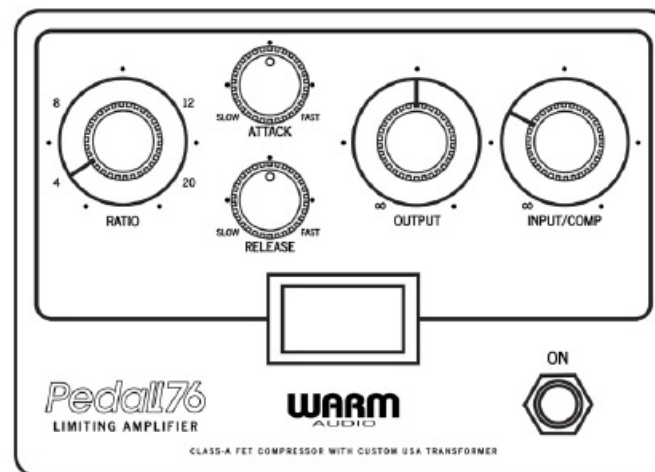
INSTANT STUDIO BASS



POST-DISTORTION RHYTHM



STUDIO-SOUND RHYTHM



TECHNICAL SPECIFICATIONS

- All-Analog Transformer-Balanced FET Compressor Pedal
- Custom CineMag USA Output Transformer (Engaged With External Power)
- Classic 76-Style Compression Controls: Ratio, Attack, Release, Output, & Input
- Additional Controls: Input Sensitivity, Ground/Lift, DI Output Pad, DI High/Low Gain With Level Boost On Balanced Output

- External True Or Buffered Bypass Switch
- Vintage-Style Amber VU Meter For Gain Reduction Indication
- Ultra Low-Noise With 100% Discrete Analog Signal Path
- External Power Supply With 9V Battery Compartment. External Power Supply Leverages Internal Voltage Increase Via DC-DC Voltage Converter
- When Using External Power, Pedal76 Requires 125mA
- Dimensions: 5.9" x 4.1" x 1.9" | Weight: 1.65 lbs

WARRANTY STATEMENT

- Warm Audio warranties this product to be free from defect in materials and workmanship for one year from the date of purchase, for the original purchaser to whom this equipment is registered. This warranty is non-transferrable.
- This warranty is void in the event of damage incurred from unauthorized service to this unit, or from electrical or mechanical modification to this unit. This warranty does not cover damage resulting from abuse, accidental damage, misuse, improper electrical conditions such as mis-wiring, incorrect voltage or frequency, unstable power, disconnection from earth ground (for products requiring a 3 pin, grounded power cable), or from exposure to hostile environmental conditions such as moisture, humidity, smoke, fire, sand or other debris, and extreme temperatures.
- Warm Audio will, at its sole discretion, repair or replace this product in a timely manner. This limited warranty extends only to products determined to be defective and does not cover incidental costs such as equipment rental, loss of revenue, etc. Please visit us at www.warmaudio.com for more information on your warranty, or to request warranty service.
- This warranty applies to products sold in the United States of America. For warranty information in any other country, please refer to your local Warm Audio distributor. This warranty provides specific legal rights, which may vary from state to state. Depending on the state in which you live, you may have rights in addition to those covered in this statement. Please refer to your state laws or see your local Warm Audio retailer for more information.

NON-WARRANTY SERVICE


If you have a defective unit that is outside of our warranty period or conditions; we are still here for you and can get your unit working again for a modest service fee. Please visit us at www.warmaudio.com to contact us about setting up a repair or for more information.

With the proper care, your Warm Audio gear should last a lifetime and provide a lifetime of enjoyment. We believe the best advertisement we can have is a properly working unit being put to great use. Let's work together to make it happen.


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Austin, Texas USA | www.warmaudio.com

Documents / Resources

 <p>PEDAL76 • 100% DISCRETE ANALOG SIGNAL PATH • 100% DISCRETE ANALOG SIGNAL PATH • 100% DISCRETE ANALOG SIGNAL PATH • 100% DISCRETE ANALOG SIGNAL PATH</p> <p>WARM</p>	<p>WARM AUDIO Pedal76 All Analog Compressor [pdf] User Manual Pedal76 All Analog Compressor, Pedal76, All Analog Compressor, Compressor</p>
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References

-  [Faithful Recreations. Legendary Sound.](#)
- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

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