

Thank you for purchasing a **JF Audio** effect pedal! Your pedal has been carefully hand-assembled in Italy, using only the best parts available. It is our hope that this pedal will become a mainstay of your rig for many years to come.

The pedal is ready to be used, just connect the 2.1mm DC jack on your pedal to a 9V, center negative, high quality regulated power supply (Boss style). A **JF Audio DOMINO** is a perfect power supply for this and other pedals.

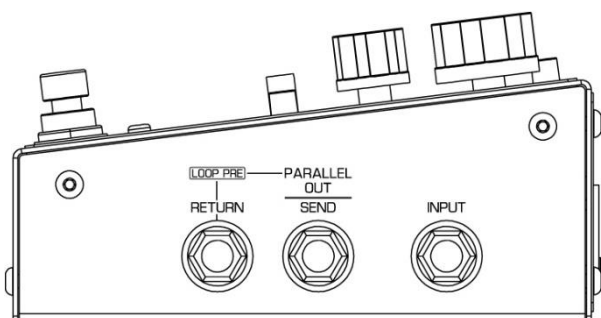
With this document, **JF Audio** ensures you a life-time warranty against defects in materials and workmanship; external parts like pots, jacks and footswitches have a 24 months warranty. In the event that your pedal becomes damaged, contact **JF Audio** and you will receive instructions on how to go about having your pedal repaired.

CAPO

MULTIPLE PREAMP - D.I. - SATURATOR - FX LOOP

The **CAPO** is a powerful preamp and D.I. capable of studio-grade clean sounds, harmonic saturations and everything in between. It features four different preamps, two XLR balanced outputs and endless routing possibilities in a pedalboard-friendly format.

RIGHT SIDE CONTROLS & FEATURES



INPUT This 1/4" (6.3mm) jack is the mono instrument INPUT that feeds the DIRECT OUT D.I. located on the rear panel. This feature gives you the possibility to always have the clean signal of your instrument without the need to bring or ask for an additional D.I. box.

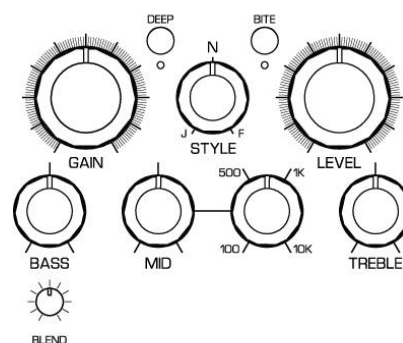
PARALLEL OUT/SEND This 1/4" (6.3mm) jack is an exact copy of the signal coming at INPUT. It can be used as an unbuffered passive parallel out (tuner out) or to send the signal to other pedals, closing the LOOP PRE when plugging into the RETURN.

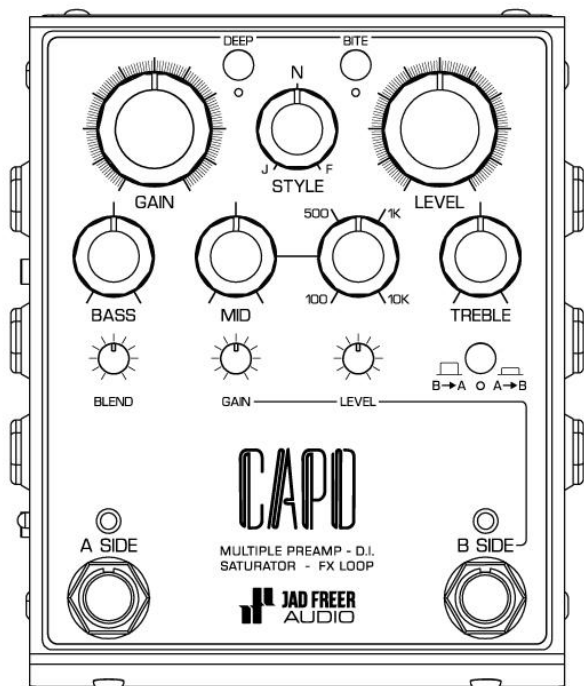
RETURN This 1/4" (6.3mm) jack is the mono, buffered, instrument input that feeds the GAIN stage of the CAPO pedal.

FRONT PANEL CONTROLS & FEATURES

The front panel has two switches that engage two different preamp sections labelled **A-SIDE** and **B-SIDE**.

A-SIDE consists of three very different preamps: a fixed-gain clean preamp (unaffected by the **GAIN** control) is mixed with two saturator circuits via the **BLEND** mini-knob. You can control the amount of saturation using the **GAIN** knob and mix the **J** and **F** circuits via the **STYLE** knob (N position is a perfect mix of the two circuits, our signature sound). A three band eq with semi-parametric mids helps in shaping your sound with familiar controls.





GAIN This control determines the input gain of the A-SIDE saturation circuits (J and F). Turning it clockwise raises the amount of saturation of the audio signal; it can be used to add colour to the sound or a full overdrive character. Experiment with this control, it reacts to different instruments or playing style, always following your dynamics. You can compensate changes in volume via the LEVEL knob.

STYLE This control is a very special and unique Jad Freer Audio feature. It blends two very different saturation circuits, labelled J and F. This control is carefully made to perfectly blend the two sounds at noon (N). J and F saturation circuits are original designs hear-tuned by the Jad Freer Audio Team around some of the most sought-after bass sounds.

DEEP This switch provides a perfectly tailored bottom-end boost. The enhancement has been tested to be just the right amount of musical bass response, adding fatness without mud.

BITE This switch adds a mild boost to the upper mids on the F saturator, which is darker by nature. Use it when you feel going for a little bit of pick attack or string sound.

BASS This active eq control is responsible of the amount of low frequencies present in the signal. It boosts and cuts $\pm 12\text{dB}$ @80Hz and it is flat at noon. It is a shelving type filter, so it affects all the frequencies below 80Hz.

MID This is a semi-parametric active control. The first knob boosts and cuts $\pm 9\text{dB}$ and the second selects the center of the frequency. We designed this control to have a very broad range (100Hz-10KHz) and give you as much options as possible. The filter is a very special band pass circuit with a variable Q; this means that the bell is narrower in the lowest frequencies and gets broader in the high-mids, this helps in keeping an organic and natural sound.

HIGH This active eq control is responsible of the amount of high frequencies present in the signal. It boosts and cuts $\pm 12\text{dB}$ @4KHz and it is flat at noon. It is a shelving type filter, so it affects all the frequencies above 4000Hz.

BLEND This control blends a fixed-gain studio-grade clean preamp with the saturation circuits. Set it fully counter-clockwise to use the CAPO as a clean preamp or blend it with the saturation circuits. Our suggestion, when using saturations, is to start with this control fully clockwise, setting GAIN and STYLE to taste, then going back a little to retain some clean sound in the signal. Use EQ as the final touch.

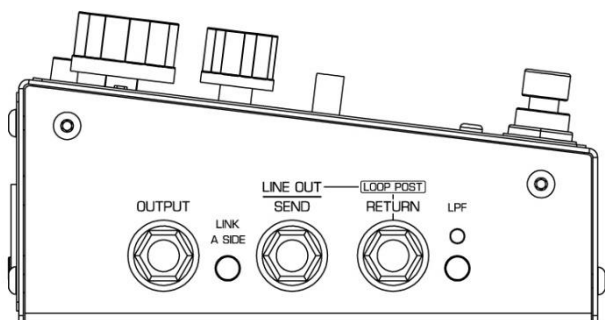
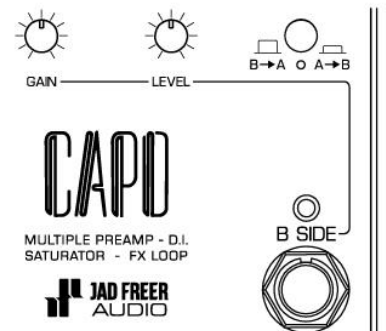
LEVEL This control is responsible for the level of signal sent to the PREAMP OUT D.I. and the OUTPUT jack. Using LEVEL along with the GAIN allows the optimal control over playing volume. For example, if you are using high input gain to achieve a saturated tone, it will be likely necessary to adjust the level down to obtain a reasonable playing volume and to avoid overdriving the amplifier and/or the mixing desk channel. Beware that the CAPO has massive volume headroom so, if you hear any unpleasant distortion sound, start by checking this control and lower it down. Switch the A-SIDE on and off to check for your original sound level.

B-SIDE is the fourth preamp featured in the pedal; it is controlled by dedicated **GAIN** and **LEVEL** mini-knobs. It is normally routed before the A SIDE but it can be moved after hitting the **B->A A->B** switch.

GAIN This control determines the input gain of the B-SIDE, this overdrive circuit offers a distinct amp-like colour that works well on every instrument. It has a broad range from an almost clean sound to a mild overdrive.

LEVEL This control is responsible for the level of signal of the B-SIDE. Using LEVEL along with the GAIN allows the optimal control over playing volume. If you turn the LEVEL control fully counter-clockwise you can use the B side as a mute switch.

B->A A->B This switch allows you to route the B-SIDE section of the pedal before (default) or after (switch engaged, led on) the A-SIDE. You can use the B-SIDE alone or before the A-SIDE to push it more for more distortion, or you can put it after for further tailoring the A-SIDE sound or for boosting. If you wish to use EQ on the B-SIDE alone you can engage the A-SIDE with the BLEND control fully counter-clockwise and EQ to taste.



LEFT PANEL CONTROLS & FEATURES

OUTPUT This 1/4" (6.3mm) jack is the mono output of the pedal. It carries also what is connected into the LOOP POST.

LINK A-SIDE This switch allows you to link the A-SIDE preamp to whatever is patched in the LOOP POST turning it on and off.

LINE OUT/SEND This 1/4" (6.3mm) jack is a copy of the mono output (without LPF), it can be used for a second output signal or to connect other pedals into the LOOP POST. The

LOOP POST is extremely useful to patch into the CAPO all the effects that you may want after any distortion like modulations, delays and reverbs.

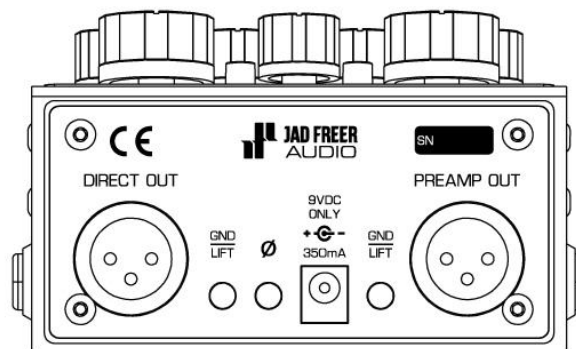
RETURN This 1/4" (6.3mm) is the return input after the LOOP POST. Patching pedals in this loop helps to have certain effects after saturations but still present in the PREAMP OUT D.I. output.

LPF This switch activates a low pass filter that gently cuts the very high frequencies of the signal; think of it as taming the tweeter sound of your bass cabinet. This filter helps in cutting some unpleasant sounds when using high gain levels, its tailored to be used also with a clean sound without making it dull or dark. This control, when engaged, is active even when the preamps are turned off.

REAR PANEL CONTROLS & FEATURES

The CAPO has two studio-quality XLR balanced outputs that work as long as the pedal is powered.

DIRECT OUT This XLR output is fully balanced and routed right after the INPUT without any processing. It is fully protected from phantom power.



GND/LIFT This switch eliminates or reduces unwanted hum or noise in the D.I. signal by interrupting the ground loops between equipment.

Ø This switch flips the polarity of the DIRECT OUT balanced output. While the CAPO does not change the polarity of the signal itself, it is useful to have this option in case that an external effect pedal (patched in the preamp) changes the polarity: when connecting two signals together is always important to have them in phase.

POWER INPUT The CAPO can be powered with a standard 9V, centre negative (-) power supply. Because of the generous amount of analogue circuits present in the preamp, an high-quality, regulated power supply is needed.

PREAMP OUT This XLR output is fully balanced and routed after all the preamps, eq and loops.

The CAPO is a work of love and dedication, conceived and hand-made by the JF AUDIO team for you to make music (and make your life easier). Now connect a mono source to the INPUT jack and enjoy the pedal!

Show your love for Jad Freer Audio, follow us on FB and IG and tag your #JFCapo to get reposted!

 JAD FREER AUDIO  JAD.FREER

Date

Serial Number

Signature
