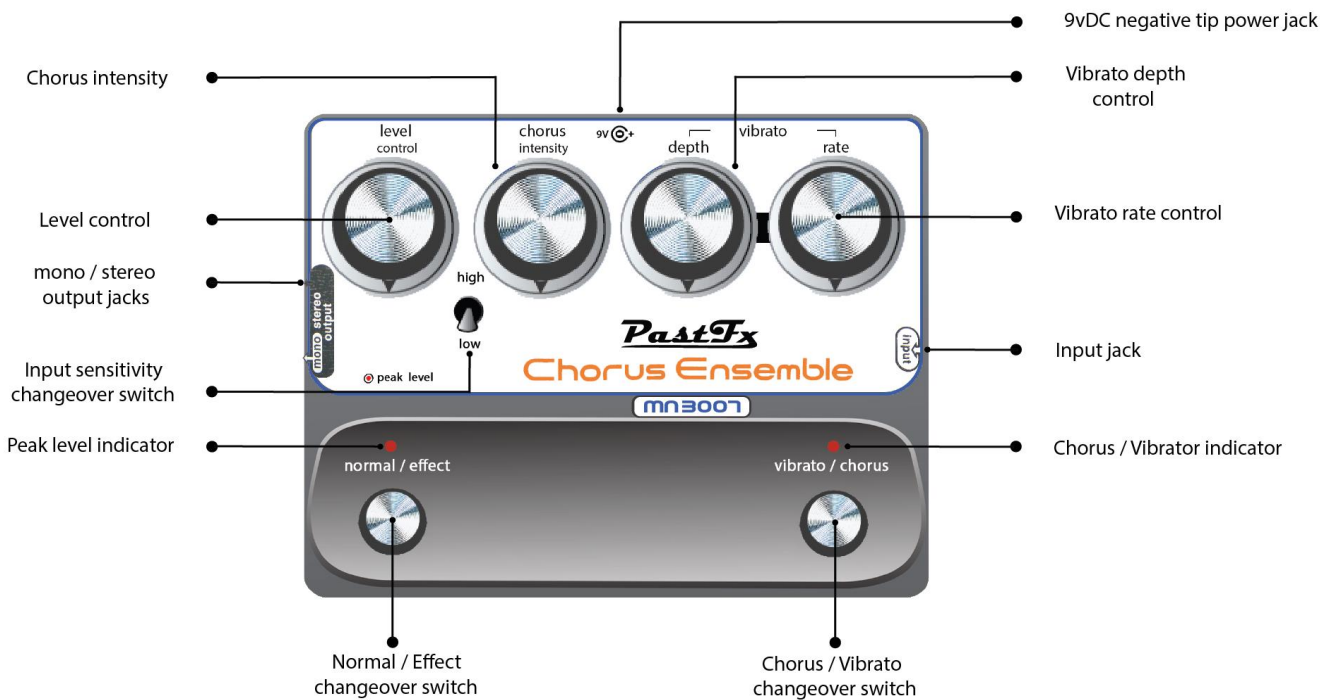


PastFx Chorus Ensemble Mn3007



What is it?

The PastFx Chorus Ensemble MN3007 (CE7) is a modified Chorus Ensemble Deluxe, using the less obsolete NOS MN3007 BBD.

The CE7 uses the same PCB as the Deluxe, is almost identical with components and is attractively priced.

The CE7 operates off the same bipolar voltages, the exact same preamp section, and incorporates both switchable Depth and Buffer Mods.

Features

- Uses obsolete NOS 1024 stage BBD MN3007
- incorporates the "Noise Killer" circuitry
- Same unique Preamp stage
- Normal / effect footswitch
- Vibrato / Chorus footswitch
- Triangle Wave LFO – Chorus
- Sinewave LFO - Vibrato
- Not True Bypass* (Jfet switching) – (Optional Stereo True bypass mod available)
- Peak Level Indicator visual feedback of input sensitivity
- High / Low Input sensitivity changeover switch
- Dual colour LFO rate LED, visual indication of selected effect
Blue – Chorus
Red – Vibrato
- Stereo/ Mono Outputs. In a Stereo setup, wet signal is directed to the Stereo jack and Dry to the Mono output jack.
- Vibrato controls are Depth & Rate
- Chorus is controlled by Intensity knob (which controls both rate and depth)
- When effect is bypassed the LFO LED indicator remains on without flashing
- Pedalboard friendly, uses minimal real estate and operates off industry standard (9VDC negative tip 2.1mm)
- The CE7 incorporates up to 3 extra popular switchable Mods
- The Mods can all be switched off, restoring to the original circuit or selectively activated by taste. These include:

Depth Mod

This mod is popular for those who were wanting more control over their chorus effect.

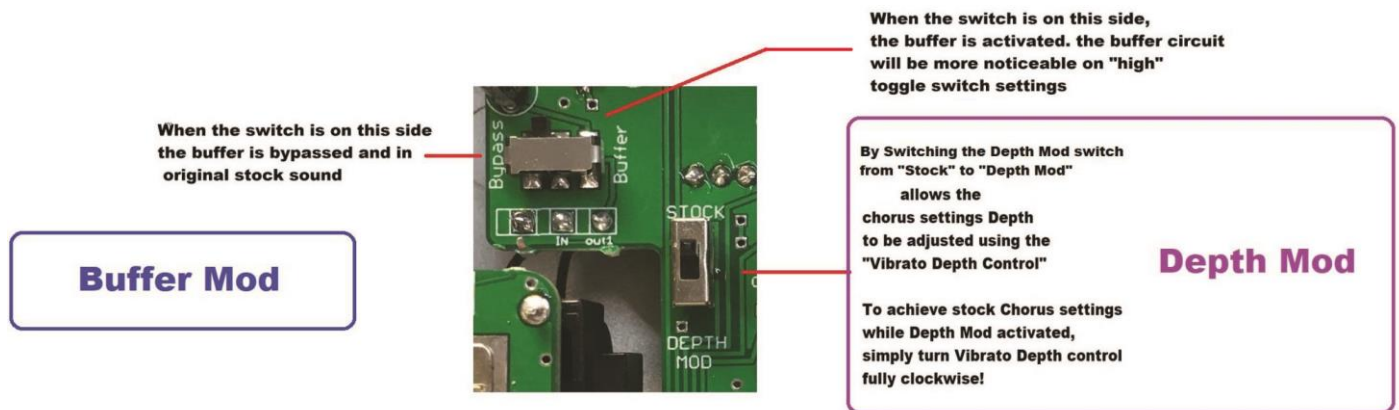
When activated it allows the use of the Vibrato Depth knob to control the Chorus Depth. The Stock depth setting of the Chorus can still be achieved by turning the Vibrato Depth knob fully clockwise.

Buffer Mod

The activation of the Buffer circuit can help restore some of the high frequencies. It is more noticeable when the Input sensitivity switch is on high. The CE7 inbuilt buffer circuit can be added or removed as desired.

Note: When clipping the signal heavily by having the Level control on high, it can give various responses based on what type of amp is being played through.

On some amps it can almost sound like a fuzz, and on others a more traditional crunch sound! This is the same experience with the Deluxe.

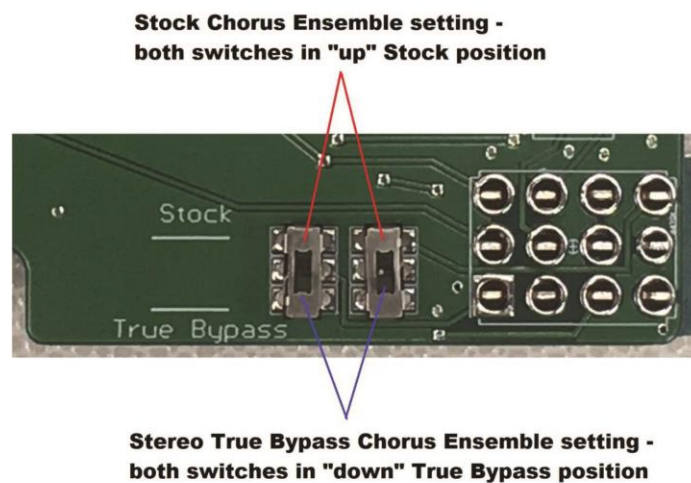


Please Note!!

when the Buffer circuit is engaged it will start to induce extra noise when preamp is on its highest settings! Please adjust accordingly to get the least amount of noise!

Stereo True Bypass Mod *optional upgrade

When activated, the Stereo True Bypass mod allows for both outputs to be ... you guessed it, True Bypass!

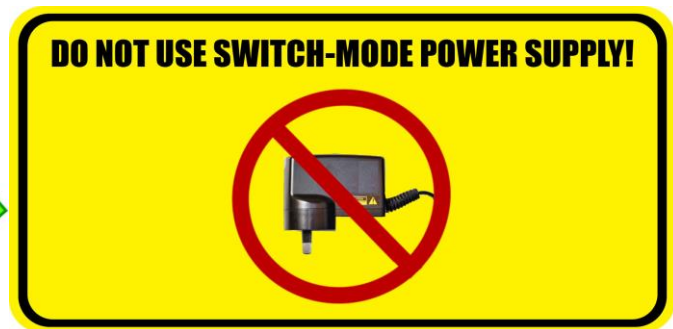
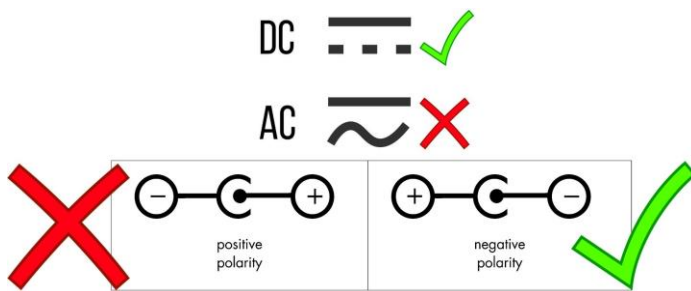


Note: In True Bypass Mode, Peak Level Indicator will not work when effect bypassed.

All 3 mod switches are located inside back of unit.

Powering the unit

- This pedal draws approximately 110ma - 130ma
- It requires 9vDC 2.1mm jack negative tip supply. Regulated, Isolated Linear / Transformer based supply



Up until the mid-2000's most 9vdc pedal power supplies available were Linear / Transformer based. However most manufacturers have taken the lower cost path in manufacturing switchmode supplies. These are generally lighter in weight, and more economically appealing. An Apple/Samsung wall charger for example uses switchmode technology. Unfortunately from the frequent switching from fully on to fully off the repeated switching can introduce noise into effect pedal. Modulation and high gain effects can be more noticeable.

A budget switchmode supply may work fine on a simple overdrive pedal, but this does not transfer to the *CE7*.

It is acknowledged that many newer high end switchmode based power supplies have improved immensely over the last few years, and may work fine in your pedal.

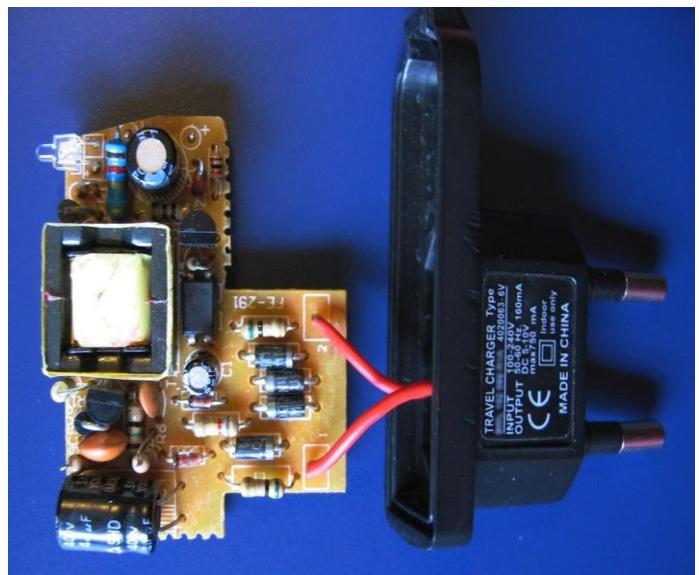
However Pastfx still only recommends Linear power supplies like, but not limited to:

- Voodoo Lab Pedal Power @ 2 Plus etc. • Joyo® JP-04 Isolated Power Supply • T-Rex® Junior/Classic/Chameleon Fuel Tanks
- Donner® DP-4 ISO 8 PLUS • Mosky®C8 Power Station

Linear Transformer Power Supply



Switch mode power supply



Both PSU's convert Mains AC to DC. The switchmode is cheaper to manufacturer, produces less heat, but can introduce more noise than the Linear Supply. For Best Performance only use a quality Regulated, Isolated Linear power supply.

PastFx is not affiliated or associated with any companies referred to herein.