



# TELEVANDALIST V1.

Hand-modified Analog Glitch Video FX Processor constructed by the Big Pauper.

**THIS IS THE USER MANUAL.**

*MANUAL LAST UPDATED OCT 26th 2023*

[GLITCHART.COM](http://GLITCHART.COM)

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## **PRODUCTION HISTORY:**

First run: 2023 (100 TELES in total)

## **MANUAL HISTORY:**

*Updated October 25th, 2023.*

*First published October 21st, 2023*

## HANDLING & CARE:

The Televandalist is a hand built video processing instrument. Please take care in handling and utilizing it. **DO NOT TWIST RCA JACKS.** Always firmly plug them in and unplug them with no perceivable twist. If the jacks should come loose simply pop the top of the unit (four screws on faceplate) and carefully tighten the jacks with a wrench. This aspect of the Tele is designed to be user serviceable and is not covered under warranty.

## POWER SUPPLY:

Do not use with anything but a **9V 1A power supply CENTER POSITIVE.** The power section of the Tele is a third party buck boost board and the polarity reversal protection on it is **WEAK** at best. This means if you plug in a power source with polarity reversed it could damage the circuit. Please take caution when utilizing power supplies.

## WARRANTY:

The Televandalist features a 90 day warranty. In this time BPMC will service and replace your Tele free of any charge besides shipping should it crap out. After 90 days there may be charges for replacement parts. Once again warranty does not cover loose inputs/outputs or damage due to blunt force trauma, environmental factors or reverse polarity. Hit me up though if you're having troubles.

## SOCIAL CONTRACT:

Social media is merciless, please, before outing me as a piece of shit who builds crappy instruments hit me up with your problem or concern and I will do my best to get back to you asap. These kind of posts do in fact hurt. I'm a decent dude, trying my best to run a business, it's electronics... shit gets damaged in shipping and sometimes an opamp needs a little more solder than previously anticipated, Paup not perfect. If you're having an issue please know that it's important to me and I'll do my best to get it handled as quickly as possible.

[bpmc@glitchart.com](mailto:bpmc@glitchart.com)

## NTSC/PAL FORMATS:

The Tele **can handle both NTSC and PAL** signals however you cannot cross formats without the use of a format converter.

## INTERNATIONAL USERS.

A 110-240v auto-switchable power supply is required to power this unit. It must cover this range to function properly. Power requirements: DC 9v 1A. Center/TIP positive. BPMC is not responsible for damage occurred via improperly powering the Tele.

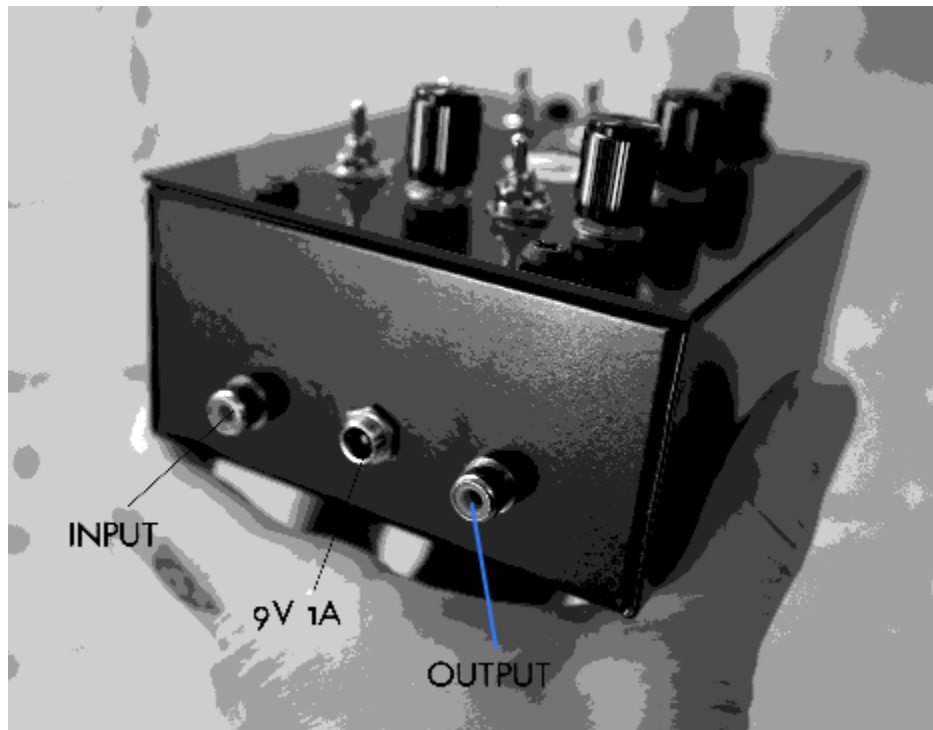
## BUILT WITH CRT USE IN MIND:

This Tele was designed to be displayed on a CRT TV. Computer/digital capture was not even considered or tested in the creation of this device. I highly recommend rescanning your CRT with a DSLR for best results, however, by all means.. Enjoy all methods of capture.

## AUTHOR'S NOTE:

*The Televandalist is a loose homage to Dutch glitch video pioneer Karl Klomp. Dating most notably from 2007-2009 he had a series of analog designs based around breaking a stable video opamp. It's name eludes me after all these years but I believe his op-amp based glitchers were known as Fail/ter. Correct me if I'm wrong, please. The Televandalist is, at it's heart, an S-video to composite video converter. Y & C in this instance were mashed together giving me a unique dual opamp foundation to build from. That means twice the corruption and a greater range of effects. Like it's predecessor, the Fluxus, the Televandalist has a hunt and peck quality to it. By that I mean not all the effects have been laid bare for you. You have to go digging for some looks, most notably the ringing effects (it's in there, I assure you). Three of the four effects switches don't seem to do much on their own, but when strategically utilized with a conjunction of switch based effects new looks may reveal themselves. One other note worth mentioning about this design is that this is a variation on the BPMC Lil' Wizard circuit from 2015-2016. I gravitate towards corruption and de-synchronization effects and I always liked that circuit for it's degradation palette. I wouldn't actually say there is much overlap between the two devices (especially given that Lil' Wizzy was switch based) but it bares some visual similarities.*

*From a production standpoint this was an absolute disaster. Work on the Televandalist began back in early 2019 and wrapped in August 2023. During this time three circuit revisions occurred. Pretty fuckall shite time period to develop gear. I hadn't really encountered any chip shortages before but covid seemed to really shake up the industry. The Televandalist has some touchy power demands and requires a pretty fancy switching regulator. That had to get switched up twice and subsequently redesigned but worst of all the video opamp I was utilizing disappeared from the market at one point. Utilizing a new opamp not only subtly switched up the effects flavor but meant a complete redesign of all the glitch effects. Maddening, mid-production, to say the least. Needless to say, these were a lot more expensive to produce than originally anticipated and almost sunk BPMC. The lone wolf small run niche electronics game is a precarious one and the Tele left me teetering on the cusp. When production rolled around the cash for robotic SMD placement was not there and every one of these PCBs was thus meticulously hand assembled by ol' paup. Despite all the crank I was snorting at the time a massive production bottleneck ensued. In theory I am working on a Televandalist version two, finances permitting. Version one is just too labor intensive and expensive to produce. If you have feature requests don't be shy to hit me up. The flavor will stay exactly the same, no changes there, but I'd like to add additional pushbutton control for the three primary effects knobs, add an alternate cv effect toggle switch and PCB mount all the i/o.*



## TROUBLESHOOTING:

### POOR RESULTS?

Try a different source. Try different cables. Try different displays. Try different capture methods. Try different content.

Are you sure you don't have video input and output reversed?

### NO CV EFFECTS?

Dial in a ringing effect for example and feed the Tele a 0-5V sine, wave. Make sure the CV knob is all the way clockwise. Pull back to taste.

## REPAIRS AND QUESTIONS:

Believe your Tele needs a repair or have a question that is not outlined here? Drop me a line at [bpmc@glitchart.com](mailto:bpmc@glitchart.com) or on instagram at [@bpmc\\_glitch](https://www.instagram.com/bpmc_glitch) and I'll do my best to get back to you in a timely manner. I do not look at my computer every day (often only a couple times a week to ensure that orders are being knocked out) and BPMC is a one man show so please do not take it personally if I do not write back promptly.

FINE.