

## Ignitron Preset Converter / Manager

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A one-stop Python utility for working with presets on the Ignitron pedal.

### Features:

- Convert serial output from Ignitron into individual JSON preset files
- Create preset index (filename.json UUID) with UUID in uppercase
- Convert stored .txt / .log files from VSCode or other logs
- Build PresetList.txt interactively using a drag-and-drop GUI
- Export PresetList\_\*.txt to the ./dist/ folder (filenames only, no UUIDs)
- Serial live capture of all presets (LISTPRESETS)
- Serial live capture of only the pedal's active presets (LISTBANKS + LISTPRESETS)

### Prerequisites:

- Python 3.8+
- pyserial (pip install pyserial)
- Tkinter (bundled with most Python installs)

### Usage:

#### Run the tool:

```
python ignitron_preset_converter.py
```

### Menu Options:

1. Convert a single log file
2. Convert a folder of log files
3. Convert a full dump file
4. Build PresetList.txt from presets (GUI)
5. Live capture from Ignitron over Serial (ALL presets)
6. Live capture from Ignitron (ONLY presets in pedal's PresetList)
7. Exit

### Serial Live Capture:

- Select a serial port from the numbered list.
- Enter baud rate (default 115200).
- Hold down Preset 1 on the pedal when pressing Enter after baud entry.
- Captures presets to JSON files, index, and optionally PresetList.txt in ./dist.

### Outputs:

- presets\_json\_YYYY-MM-DD\_HH-MM/ : one JSON per preset
- preset\_index\_YYYY-MM-DD\_HH-MM.txt : filename + UUID (uppercase)
- ./dist/PresetList\_YYYY-MM-DD\_HH-MM.txt : exported preset list (filenames only)

### Packaging to EXE (Windows):

```
pip install pyinstaller
pyinstaller --noconfirm --onefile --name "IgnitronPresetConverter"
ignitron_preset_converter.py
```

Enjoy managing your Ignitron presets!