



# Manual Config tool DIY PreAmplifier

The config tool can be downloaded from here:

[www.diyclassd.com/products/diy-amplifier-kits/diy-preamplifier](http://www.diyclassd.com/products/diy-amplifier-kits/diy-preamplifier)

The config tool is a Windows only application.

## Getting started

1. Install the config tool on PC.
2. Connect USB mini cable between computer and the USB service port on the back of the DIY-Pre.
3. Start Config Tool.
4. Start up device.

If an update is available, a pop-up message will appear to notify that a new update bundle is available.

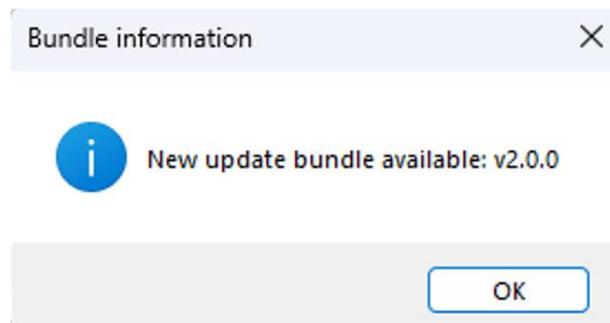


Figure 1. Update bundle available

5. Click on the button **Update device with webversion vx.x.x (current vx.x.x)**. The update will start. It will update all updateable modules in the device.

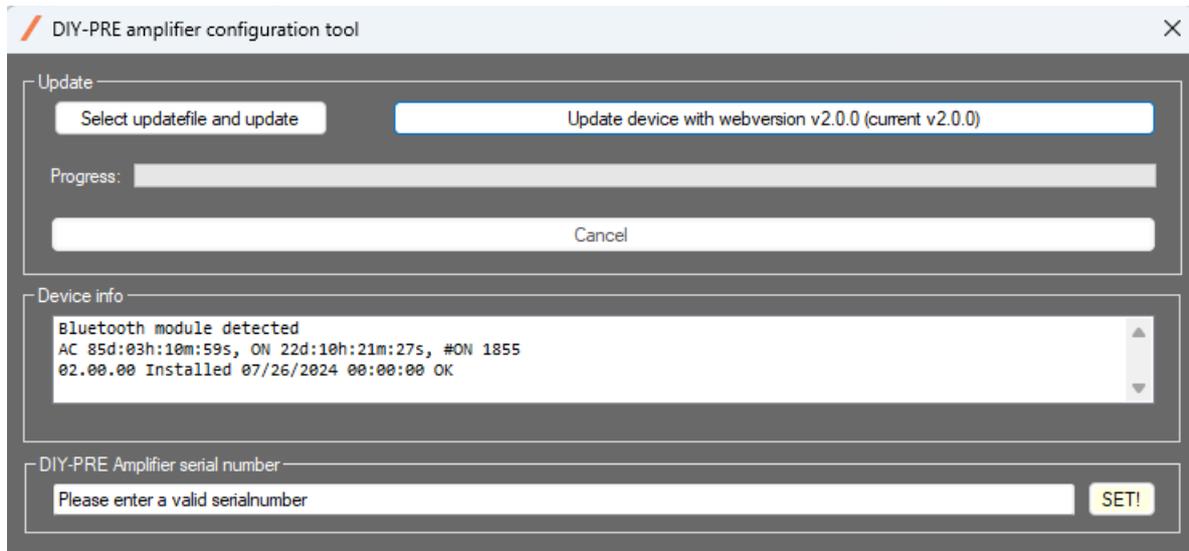


Figure 2. Config tool main page

Do not power down or remove the power cable during update. Do not remove the USB mini cable during update.

The update order is:

- Main
- Front
- Digin (if placed in device)

The Config tool will show which update is in progress (see figure 3).



Figure 3. Update in progress

The display on the device will also show which part of the update is in process. For example:

<<SYSTEM UPDATE>>

MAIN update

Busy...

If the update has been completed, then a pop-up message will appear. Please follow the instructions:

- cycle mains power to reboot the device by switching the device off with the power switch on the back
- wait 15 seconds
- switch device on
- wait 5 seconds
- press volume button to power on device

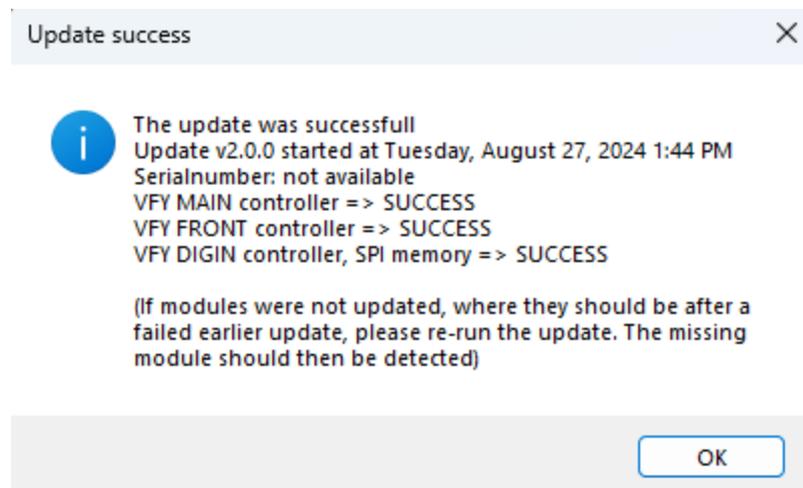


Figure 4. Update successful

## Failed updates

If the update has failed, then a pop-up message will appear that will notify you which part failed.

Please follow the instructions to update the device again.

If the update has failed during the update of the main module, then the device will recognize that the device is in an interrupted update state. Click on update to start update procedure. After successful update of the Main module then the update procedure can be started again to update the rest of the device.

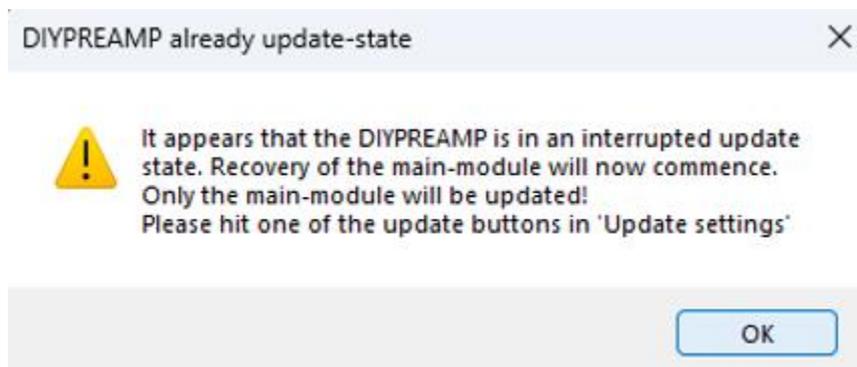


Figure 5. Device in an interrupted update state

If the update failed during the update of another module, then the update needs to be started again. It is possible that the config tool does not detect that the update has failed. Click on **Update device with webversion vx.x.x (current vx.x.x)** button. If a pop-up message appears that the update is not necessary, then click Yes.

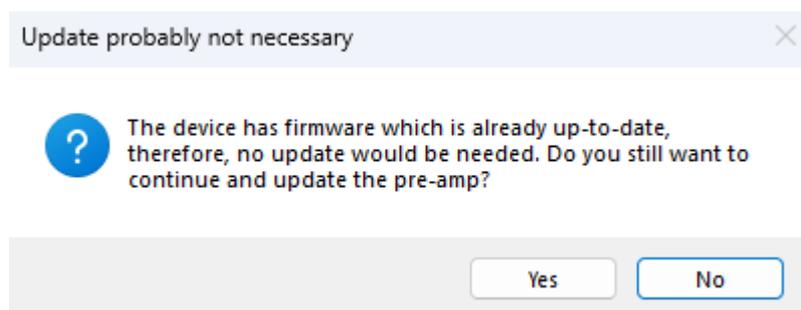


Figure 6. Update probably not necessary

## Forcing bootloader mode

It is possible to force the microcontrollers in bootloader in the unlikely event that the microcontrollers will not go into bootloader mode during the normal update process.

1. Make sure that the power switch at the back is switched to off.
2. This can be done by pressing down the volume knob (right knob) and the headphones enable button and the
3. Switch the power switch at the back to on.

The display will show:

```
<<SYSTEM UPDATE>>
```

```
Please update
```

```
main module
```

```
first
```

The update can then be started by starting the Config Tool and then click on the button **Update device with webversion vx.x.x (current vx.x.x)**.