

## FIRMWARE CHECK AND UPDATE


### Preparation



Make sure you have the USB  
(Male USB-A to Male USB-A)

### Firmware version check



Press and hold **"MULTI-PULSE"**  
 button and then plug in  
power, firmware version  
number is indicated on display  
in short time.

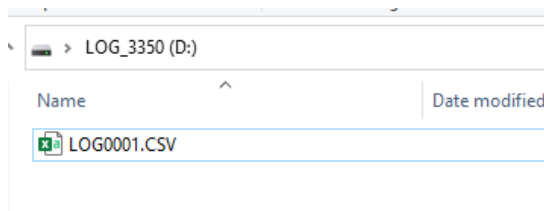
### Firmware upgrade

1



Connect a computer  
(Windows OS) with the  
Heinzelmann CHEF-X unit USB  
port via a USB cable (Don't  
plug in power supply in  
Heinzelmann CHEF-X)


2

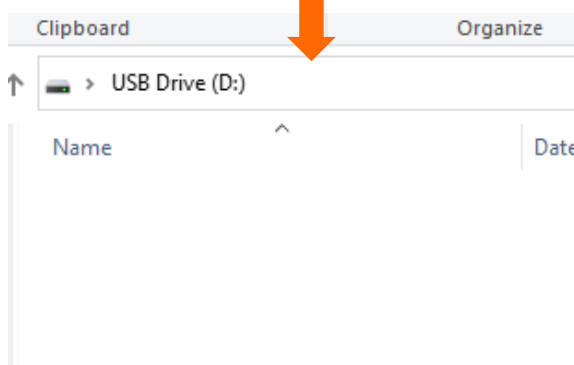


A DISK symbol with a log file would indicate on computer

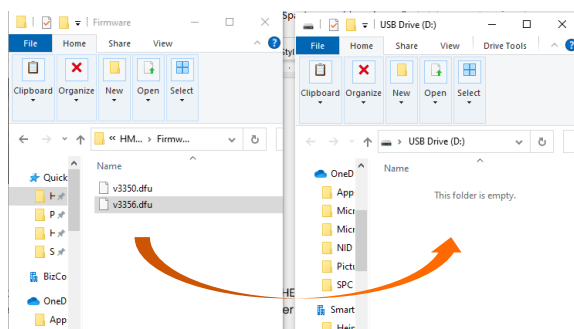
3



Press and hold **"REVERSE"**  button until the DISK symbol changes to DUF\_xx symbol



4



Drag the new firmware (DFU file) from computer to Heinzelmann CHEF-X unit  
Note: new firmware DUF file name max 8 digits.

- 5 Disconnect USB cable from USB port on Heinzelmann CHEF-X unit.
- 6 Plug Heinzelmann CHEF-X unit in power supply and wait for 5-10s before turn on the machine.
- 7 Firmware upgrading finished.