



# Changes in 3.0 and 3.1

This update is recommended to all users.

## **New Features:**

- Nondirectional traffic is shown permanently (PCAS)
- Supports PowerFLARM® CORE
- NEAREST-Mode, always automatically shows nearest target
- Units configurable
- Enhanced Menu
- added zoom-factor

## **Improvements:**

- Better stability with many received targets
- new dynamical menu for future extensions.
- 3.0.1: Better font readability
- Enhanced contrast

# Updating with PowerFLARM®

*(Updates through PowerFLARM are available with PowerFLARM Software 3.0)*

## Butterfly firmware/FlarmNET update on Core:

1. Copy Butterfly firmware (.bfw) and/or flarmnet (.bfn) to a USB stick.
2. Connect stick to Core.
3. Switch on system with BF display knob pressed.
4. Verify BF display goes into UPDATE MODE with 'WAITING', then 'LOADING'.
5. Wait until BF display restarts (can take up to two minutes).

## Butterfly firmware/FlarmNET update on Portable:

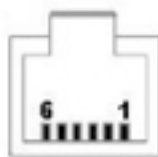
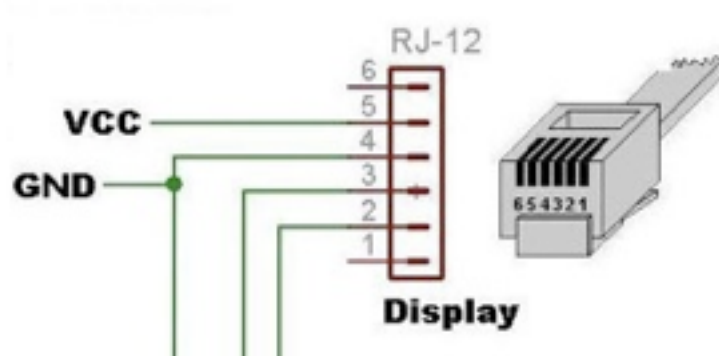
1. Copy Butterfly firmware (.bfw) and/or flarmnet (.bfn) to micro SD card.
2. Insert micro SD card into slot.
3. Activate menu entry Info -> Disp. update.
4. Switch on system with BF display knob pressed.
5. Verify BF display goes into UPDATE MODE with 'WAITING', then 'LOADING'.
6. Wait until BF display restarts (can take up to two minutes).

# Updating with cable

**Please note:** To Update your display you need a Butterfly Display Update Adapter or a similar cable (pinout underneath).

1. Download the update-software and run it on your PC.
2. Connect the update cable to your pc and supply the cable with power. Do not connect the Butterfly Display yet.
3. Choose your used COM-port and process all dialogues with „OK“.
4. Push the pushbutton on your display and hold. Now connect your display and release the pushbutton after connecting.
5. Wait until the update is finished.

## Display Pinout



6:	-	Not used
5:	3.3 V	Connect to +3.3 V
4:	GND	Connect to PC Pin 5 & GND
3:	RX	Connect to PC Pin 3
2:	TX	Connect to PC Pin 2
1:	-	Not used