

ShotTrack VoD Firmware Update Guide



Contents

Set-Up unit **Error! Bookmark not defined.**

 Device..... **Error! Bookmark not defined.**

 Device settings..... **Error! Bookmark not defined.**

 • Start:..... **Error! Bookmark not defined.**

 • Stop:..... **Error! Bookmark not defined.**

 • Sleep:..... **Error! Bookmark not defined.**

 • Device properties:..... **Error! Bookmark not defined.**

 • Device setting:..... **Error! Bookmark not defined.**

 Thresholds **Error! Bookmark not defined.**

 Parameters **Error! Bookmark not defined.**

 Real Time Clock..... **Error! Bookmark not defined.**

On the bench **Error! Bookmark not defined.**

 Turn the unit ON **Error! Bookmark not defined.**

 After the shot **Error! Bookmark not defined.**

 Switch off the unit..... **Error! Bookmark not defined.**

Firmware Update for ViB HG..... 3

 Open Program..... 3

 Go to help menu..... 4

 Start unit in bootloader mode..... 5

 Uploading new Firmware..... 5

 Select Com Port..... 5

 Get new firmware file 6

 Program unit..... 6

Firmware Update for ViB305

To update the firmware on a ViB HG unit using Bluetooth you must follow these 4 steps.

- The unit must be paired to the computer you are using.
- The unit must be registered to the PC software
- The unit must be set to upload mode.
- Using the Microchip PIC32 Bootloader Application (supplied) the new firmware has to be uploaded to the unit.

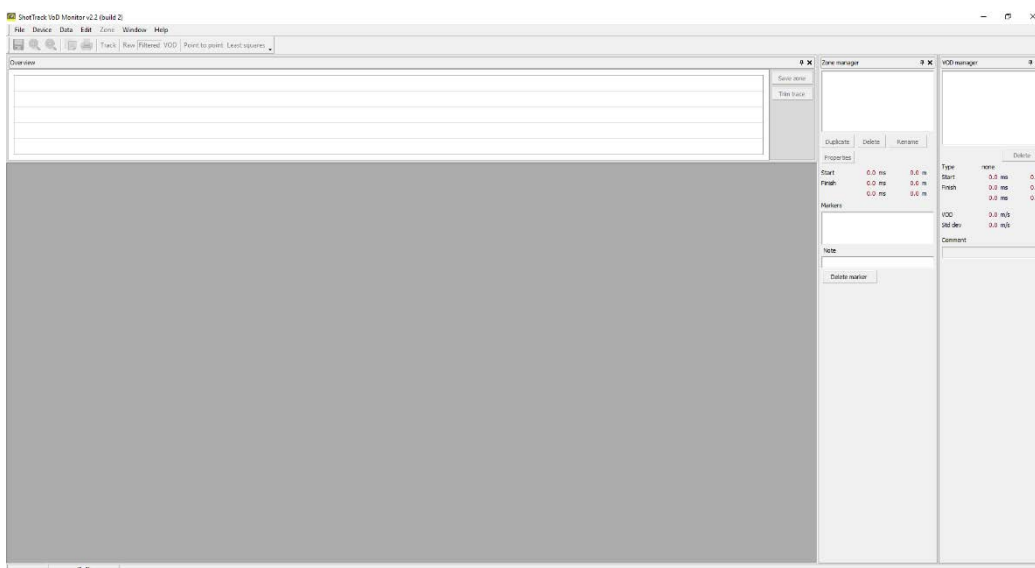


Warning: Download any files on the unit as these will be deleted during the update operation

- Switch on the ShotTrack VoD unit you wish to update

Open Program

- Double click on the ShotTrack ViB Monitor icon
- The main window opens with no data displayed.

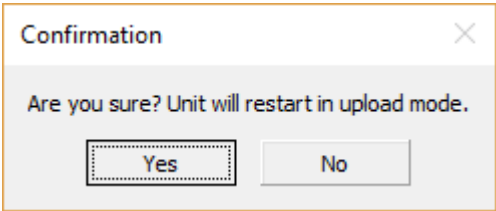


Go to help menu

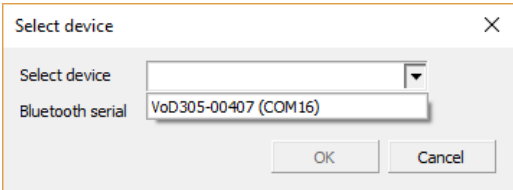
- Click on Set Upload Mode



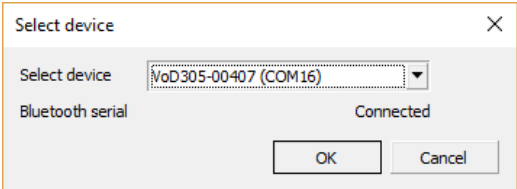
- You will be prompted to accept



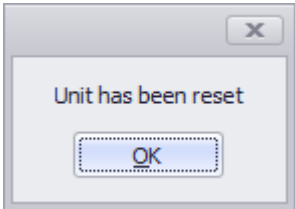
- A dialog box opens to with all registered units



- Choose unit to be updated



- Unit has been reset. It will automatically switch off at this point



Start unit in bootloader mode

Press and hold ON/OFF button

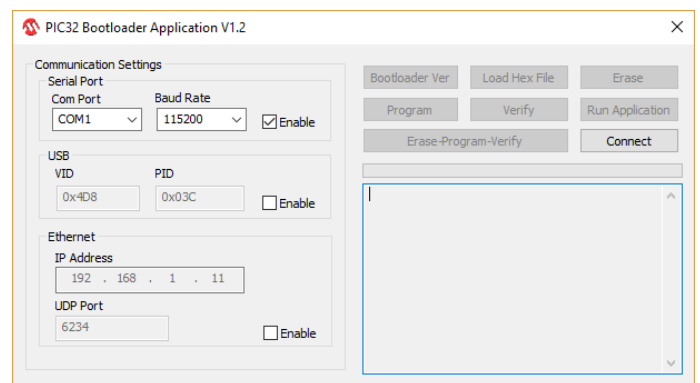
During the upload stage the ON/OFF button must be pressed the whole time.

Button will flash rapidly



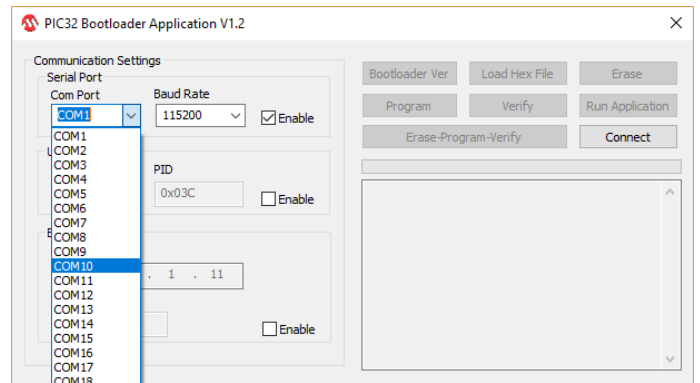
Uploading new Firmware

- Open the Microchip PC Bootloader Application.
- Press and hold ON/OFF button on unit.
- The button light will flash RED every half second.
- **Do not release until whole operation is completed**



Select Com Port

- Click on Com Port down arrow
- Choose the correct Com port
- Click on connect

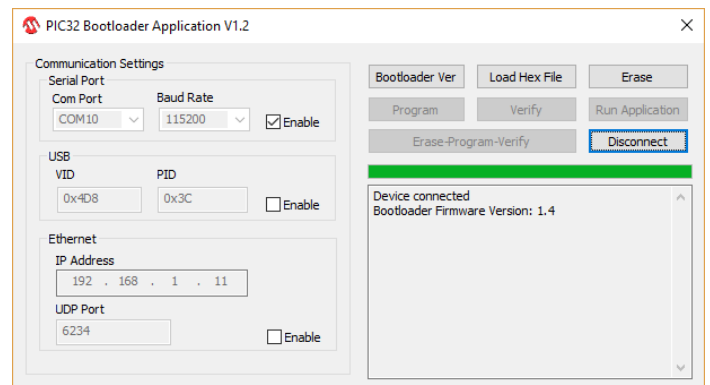


If connection can be made the status box shows Device connected and the Bootloader Firmware

Version number

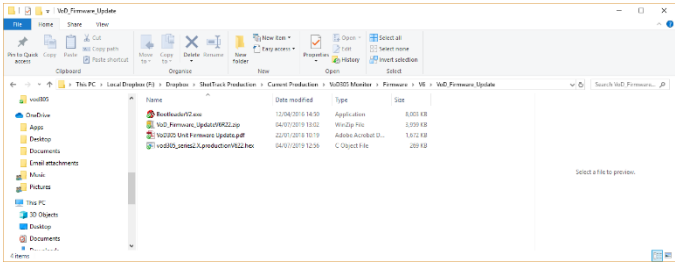
Keep button pressed

Button will change from RED flashing to BLUE flashing



Get new firmware file

- Click on Load Hex File.
- Navigate to where the new firmware is located.
- Select file
- Click OK



- Status box will indicate Hex file loaded successfully.

Keep button pressed

Program unit

- Click on Erase-Program-Verify
- The green bar will show progress.
- When finished the status box will show
- Verification successful on bottom line.

Keep button pressed

- Click on Run Application.
- Status box will show Command issued to run application.
- Button will stop flashing and illuminate Blue.

Release button now

The button will flash RED quickly as any files on the unit are deleted 16 flashes per file.

When finished the button will turn Blue

- Exit PIC32 Bootloader Application

