

5 Software Description

Note: The following description is based on Firmware Version 2.0.0 and later. For any older versions please refer to previous documentation.

5.1 Files

The software was built with the IDE:

Raisonance RIDE51 Version 06.10.15 BN:732-51, 8051Toolchain 6.4.32 (<http://www.raisonance.com>)

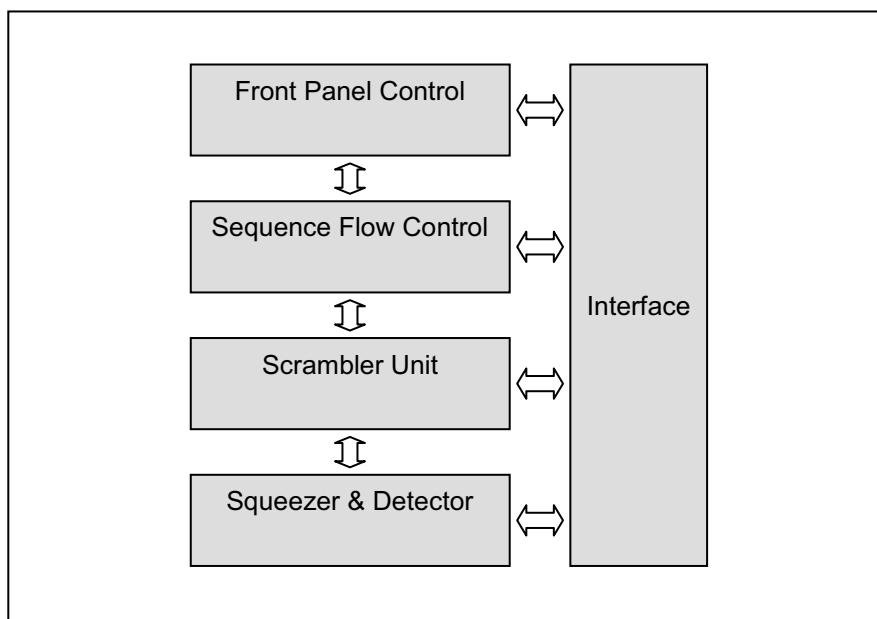
All source code may be found in: <..\..\E-SW\Firmware\08090>

The Binary file name is: 08090.hex

5.1.1 Uploading Firmware

To bring the device into the firmware upload state switch off the device and wait till the 'ON' LED is off. Press the hidden 'Upload' button and keep it pressed while switching the unit on again. To upload the Binary to the microprocessor use the tool Atmel-FLIP ([Atmel 8051 Microcontrollers Homepage](http://www.atmel.com), <http://www.atmel.com>). After completion of the upload process switch the unit off.

5.2 Architectural Overview



5.3 Device Operation Sequence (simplified)

