

WhaleTeq CMRR 3.0 SDK Changelog

Test Environment:

- Linux Kernel Version (Ubuntu): 6.8.0.49-generic
- Raspberry Pi Version: Raspberry Pi 4 Model B (4GB RAM)
- Raspberry Pi Linux Kernel Version: 5.10.103-v7l+ (32-bit), 6.1.21-v8+ (64-bit)
- macOS Version: macOS Sonoma 14.4.1

IMPORTANT:

1. the calling convention is `_cdecl`
2. (Linux/ Raspberry Pi/ macOS) if the devices can not be connected
 - i. switch to root user
 - ii. make sure `/var/lock` directory is created
 - iii. remove all the files - `/var/lock/whaleteq*` and try again

Version 1.0.5.1 - 2025-01-14

1. NEW: added macOS library

Version 1.0.4.1 - 2024-04-03

1. NEW: added support GB 9706.225/ GB 9706.227/ YY 9706.247/ GB9706.226

Version 1.0.3.1 - 2023-07-05

1. FIX: failed to reconnect after `CMRRFee()`

Version 1.0.2.3 - 2022-05-04

1. NEW: add `CMRRGetBatteryStatus()` to get the battery status
2. NEW: added Linux and Raspberry Pi library

Version 1.0.2.2 - 2020-01-16

1. NEW: add `CMRRGetDeviceInformation ()` and `CMRRGetHWInformation()` to get device information
2. NEW: add `CMRRGetSerialNumber ()` to get the device serial number

Version 1.0.1.2 - 2019-09-09

1. CHG: update terms: from +/- 300 to +/- DC offset

Version 1.0.1.0 - 2019-08-01

1. NEW: added support DC Offset +/- 300 to V2~V6 in all standards (except NOISE); only effective in 3.0 Plus
2. NEW: added support to read the current settings and Inner Shield value (CMRRReadValue ())

IMPORTANT:

1. CMRRInit function prototype is changed