

Product: Qflex	Part No.: 1953, 1954, 1955, 1956, 3262	Version: V1.400
Date: 12th Apr 2016	Main purpose: Enhanced protection	
V1.400: Features Added: <ul style="list-style-type: none">❑ Enhanced output current capability❑ Enhanced temperature measurement ruggedness Defects Corrected: <ul style="list-style-type: none">❑ Prevent short-term discontinuities from occurring with certain extreme steering files		
V1.380: Features Added: <ul style="list-style-type: none">❑ Added LS model Defects Corrected: <ul style="list-style-type: none">❑ -		
V1.340: Features Added: <ul style="list-style-type: none">❑ Enhanced driver impedance measurement accuracy and consistency Defects Corrected: <ul style="list-style-type: none">❑ -		
V1.320: Features Added: <ul style="list-style-type: none">❑ Filtering of Slave OpMode signal to enhance production testing Defects Corrected: <ul style="list-style-type: none">❑ -		
V1.300: Features Added: <ul style="list-style-type: none">❑ Now allows a different steering pattern to be used in each OpMode (With PodWare V6.02 or later) Defects Corrected: <ul style="list-style-type: none">❑ Was not reporting Alarm state to PodWare or Sentinel (Since V1.240)		
V1.280: Features Added: <ul style="list-style-type: none">❑ Now recognises up to 6 elements (for Qflex64) Defects Corrected: <ul style="list-style-type: none">❑ -		
V1.260: Features Added: <ul style="list-style-type: none">❑ Reduces the possibility of freezing by using thermal management❑ Minor improvement to communications efficiency Defects Corrected: <ul style="list-style-type: none">❑ V1.180-V1.220 could produce some noise during startup❑ Firmware update could show as failed in PodWare❑ Firmware update could be started even if one was already in progress		
V1.220: Features Added: <ul style="list-style-type: none">❑ PowerSave mode will now activate even if a pilot tone is present Defects Corrected: <ul style="list-style-type: none">❑ -		

V1.200: Features Added: <ul style="list-style-type: none"> ❑ Improved monitoring, logging and data dumps for ongoing information gathering Defects Corrected: <ul style="list-style-type: none"> ❑ Improved sensitivity to the detection of unsolicited tones ❑ Continuous healing of coefficients which might be capable of producing unsolicited tones
V1.180: Features Added: <ul style="list-style-type: none"> ❑ - Defects Corrected: <ul style="list-style-type: none"> ❑ Active detection of faulty operation was not working on 8 channel models ❑ Unsolicited tones (typically 2kHz) were being produced under some circumstances. This situation is now actively detected and fixed by performing a warm reset on the DSP
V1.160: Features Added: <ul style="list-style-type: none"> ❑ Alarms (such as pilot tone loss) only raised if the incident persists for at least 5 seconds Defects Corrected: <ul style="list-style-type: none"> ❑ Wasn't storing the alarm disable level setting through a power cycle
V1.140: Features Added: <ul style="list-style-type: none"> ❑ Improved network communications performance in very large networks Defects Corrected: <ul style="list-style-type: none"> ❑ -
V1.100: Features Added: <ul style="list-style-type: none"> ❑ Added Pilot tone detection ❑ Added Alarm Defeat ❑ Added Alarm Names ❑ Active detection of faulty operation ❑ Added input LPF ❑ Improved communications performance Defects Corrected: <ul style="list-style-type: none"> ❑ -
V1.080: Features Added: <ul style="list-style-type: none"> ❑ Faster tweeter thermal protection in the presence of sine tones Defects Corrected: <ul style="list-style-type: none"> ❑ -
V1.060: Features Added: <ul style="list-style-type: none"> ❑ Don't flash the front LED or drop the Fault relay unless more than one driver has failed ❑ Renumbered the Faults, so the number of flashes for a given fault is different (added 2) Defects Corrected: <ul style="list-style-type: none"> ❑ The Model Name could become damaged when using version xxx4 of Flash memory
V1.040: Features Added: <ul style="list-style-type: none"> ❑ Added compatibility with AES3 digital input option ❑ Shows the fault number by flashing the front indicator the appropriate number of times Defects Corrected: <ul style="list-style-type: none"> ❑ Could sometimes put a protection event or 0's in the logs when power cycled

V1.020:

Features Added:

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Defects Corrected:

- Could sometimes fail to communicate or be slow to communicate

Installation notes:

- **IMPORTANT:** Update to PodWare V6.16.52 or later on your computer
- Copy the file Qflex_XXXXVXXXX.dfw to a known location on your computer
- Start the PodWare application
- Go On-Line to each device requiring an update, and launch the control panel for it
- In the Device menu, select Update Firmware, then follow the instructions
- **IMPORTANT:** Take great care not to disturb the device while it is reprogramming firmware since this could otherwise render the device inoperative
- **IMPORTANT:** When updating the firmware from V1.280 or earlier, OpMode 2 will not contain any steering pattern, so a .bef must be loaded into OpMode 2 if OpModes are in use.