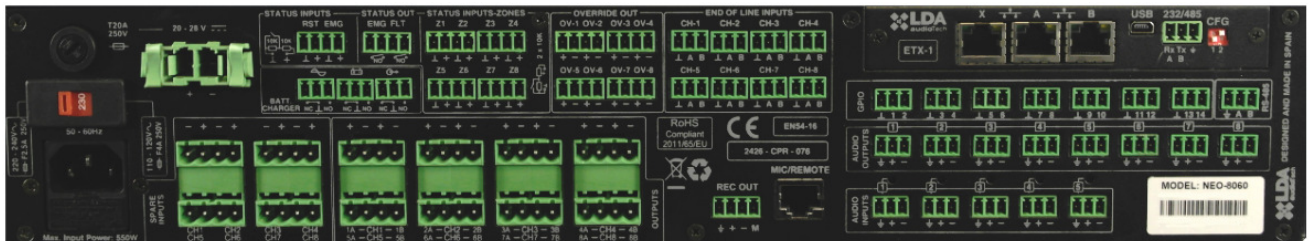


Introduction

This document have been made as help to describe fault and error messages in NEO devices.



A. Faults in frontal (LOG_FLT)

This is the faults that you can see in the frontal of NEO:

- Powere suply supervision

EMG POWER FLT: Fault in the EN-54 power system. Charger or battery failure (contact closure coming from the charger).

MAIN POWER FLT: Fault in the EN-54 power system. Charger or battery failure (contact closure coming from the charger).

- CIE/ECI faults:

CIE PATH FLT EMG: Failure of the link with the fire system (EMG contact closure of general CIE input with load out of range with supervision activated, short circuit or open circuit, check final resistance).

CIE PATH FLT RST: Failure of the link with the fire system (RST contact closure of general CIE input with load out of range with supervision activated, Short circuit or open circuit, check final resistance).

CIE PATH FLT Zx: Failure of the link with the fire system (Zx contact closure of zoned CIE inputs with load out of range with supervision activated, short circuit or open circuit, check final resistance).

CIE PATH FLT on device X: failure of the CIE connection of remote device with id "X"

REMOTE CIE PATH FLT: failure of the CIE connection of one of remote devices of the system.

- Network faults:

NETWORK LINK FAULT: failure in the network connection (eg Flexnet network failure, with some VAP installed, ...)

NETWORK Backup Link Active: indicates that the NEO master has opened the port B of the switch (backup connection).

LINK FLT with device X: indicates that there is no connection to device with id "X".

- System faults:

SYSTEM FLT Safe Mode: the system enters safe mode due to a critical failure.

SYSTEM FLT Configuration: system failure, internal equipment errors. Unexpected reboot, corruption of system memory, SD card failure, etc. Review internal error log for more detail.

- Amplifier supervision faults:

PROTECT FLT Amp Ch X: failure of the "X" channel amplifier.

PROTECT FLT Fuse X: internal protection fault related to the "X" channel amplifier.

- Line supervision faults:

LINE X FLT Open Circuit: failure of line supervision based on impedance measurement. Measure above the calibrated upper limit.

LINE X FLT Short Circuit: failure of line supervision based on impedance measurement. Measure below the calibrated upper limit.

LINE X Invalid Measurements: line measurement failure based on impedance measurement. Measures outside the valid margins for supervision.

LINE xA Failure: A line fault of loudspeakers. The distinction of line A / B is made with the installation of EOL (End Of Line) devices.

LINE xB Failure: line B fault of loudspeakers. The distinction of line A / B is made with the installation of EOL (End Of Line) devices.

- Emergency mics faults:

EMIC FLT: failure of local emergency microphone (frontal PTT mic).

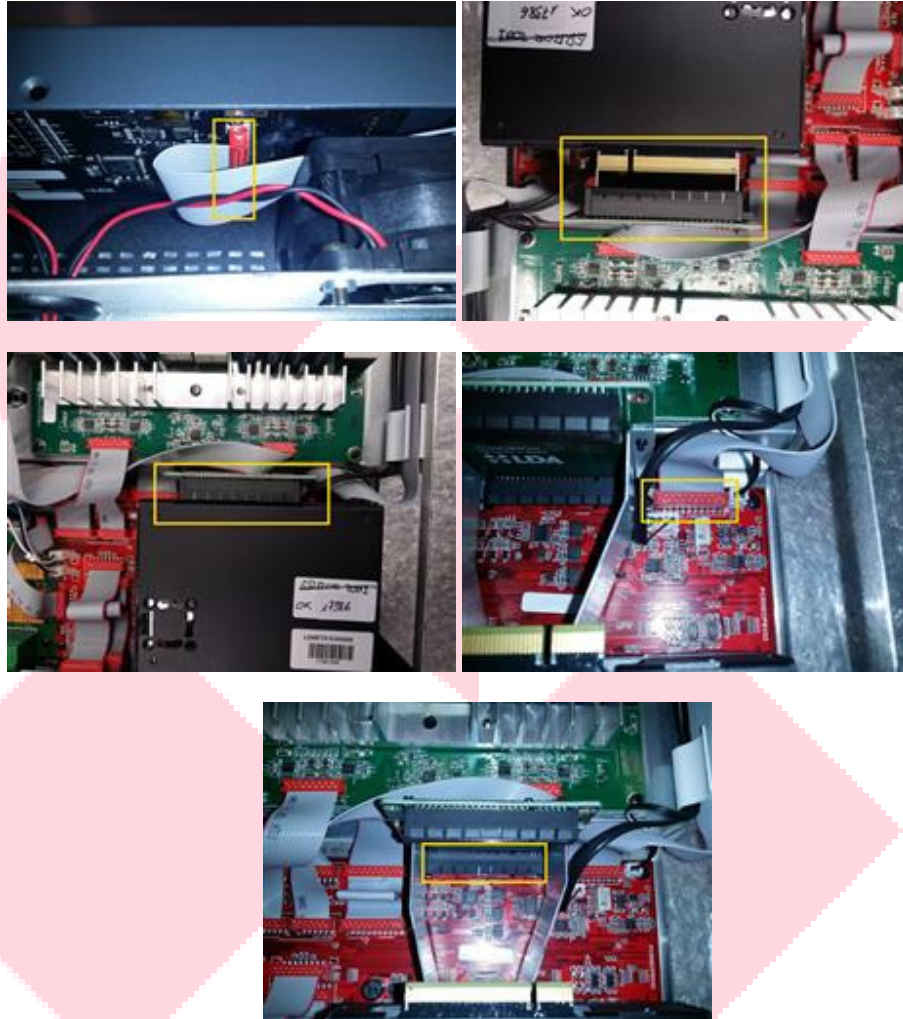
REMOTE EMIC FLT: remote emergency microphone (VAP) failure.

B. System critical errors

This errors are showing in the frontal screen (blank) with code number and text:

- **2001: I2C FAILURE.** Fault communication of I2C (digital audio) between control module (ETX) and frontal.

SOLUTION: change ETX module and check connections with frontal:



- **2002: INTERNAL MEMORY FAILURE.** Memory fault in frontal SD card.
SOLUTION: Try format. Replace SD card.
- **2003: INTERNAL MEMORY FAILURE.** Memory fault in ETX module SD card.
SOLUTION: Try format. Replace SD card.
- **2004: INTERNAL MEMORY FAILURE.** System memory fault.
SOLUTION: Try to factory reset and switch off device. Replace ETX module.



Please for any other information contact with LDA Support Department

support@lda-audiotech.com