

Products: [VSX Field Controller](#), [1]

[IDS](#) [2]

Topics: Installation Details, Installation Procedures, Troubleshooting

The first practice in troubleshooting “Revolving Messages” is press the CLEAR button 3 times to remove old invalid messages. When a message is generated, it will continue to be present even if the error has internally corrected. This is by design to inform the user that there is/was a controller incident.

Note: When the term “CLEAN” is stated below, power down the controller and use a soft toothbrush and alcohol to gently break away deposits.

(Image Needed: boards identified)

POWER OUTAGE - This message will appear when incoming 120v is interrupted or the controller is powered down. The POWER OUTAGE message is usually generated within .5 seconds.

Solution-Press the **CLEAR** button 3 times

ERROR: SIZE = 0 and **FUSE OPEN** – These messages appear in juxtaposition. Don't be confused with the term “Fuse Open”. The only circuit with a fuse is located on the Decoder Power Supply Board (VKTPSB2) and when it's blown, the Facepack will **NOT** have a display. The Decoder CPU Board (VCPUKT) is the cause of failure.

Solution - Power down the controller, check all cables connected to the CPU Board for damage/corrosion (clean if necessary). Exercise each connection by removing and re-installing 5 times. Power up and press the **CLEAR** button 3 times. If messages still appear, replace the CPU Board.

* The CPU Board stores the Decoder ID #'s. It's always advised to record the ID #'s **BEFORE** removing Original CPU Board.

LINE OFF : 0mA - There are 2 situations which cause this Message to generate.

1. The system of Decoders attached to the controller by way of the 2-Wire Path(s) is creating higher than normal resistance >2200mA.

* When the controller senses >2200mA, the voltage supplied to the 2-Wire Path is interrupted until the mA falls below 2200. This explains the term “LINE OFF”. Normal amperage draw from each idle decoder is 5mA. If a station is active on a decoder, the current will rise to 40mA.

2. The Grey RJ45 (Ethernet) Cable is disconnected, damaged or corroded.

Solution for 1 - Remove the connection from the Decoder Lightning/Output Board (VLPTKT) to the Decoder Transmitter Board (VTRNSKT). This will electronically disconnect the entire Decoder System in the field from the controller. Press the **CLEAR** button 3 times, wait 10 seconds. Then check messages and make sure mA is now less than 2200. If 0mA is still displayed, call Hunter Technical Services at 800-733-2823.

(Image needed: location of red connector wire identified)

Solution for 2 - Examine cable for damage or corrosion. Clean or replace cable.

*The cable is not nulled so you can replace with any standard RJ45 Cable.

LINE ON : 0mA - This is a very rare instance. This message is generated when the short cable coming from the CPU Board to

the Transmitter Board is disconnected, corroded, and/or damaged. Or the CPU Board has internal damage from a power surge.

Solution - Clean or Replace the CPU Board

* Use caution when performing any tasks pertaining to the CPU board.

NO NETWORK LINK- This message is generated when Radio Communication Components are installed (optional).

Solution - Press the **OPTIONS** button until **EDIT FC SETTINGS** appears, press **ENTER**. Press the **OPTIONS** again until **SET RESPONSE** appears, press **ENTER**. Using your **NEXT** button to highlight choices, select **NONE**. Press **EXIT**, and then **ENTER**. Use the **EXIT** button to return to Time/Date Screen.

Resources



[3] [IDS OWNER'S MANUAL](#)
[3]



[5] [VSX STAND-ALONE RADIO HARDWARE BROCHURE](#)
[5]

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