

Vanguard Voice Daughtercard HARDWARE ADVISORY NOTICE

Restrictions on Vanguard Voice Daughtercard Use

What's in This Notice

This hardware advisory notice describes restrictions on the use of Vanguard Voice Daughtercards.

High Voltage Disturbances

These hardware assemblies are not intended for attachment to unprotected communication lines that are externally routed to a facility where the potential exists for contact with high voltage electrical disturbances, such as lightening.

| <i>Daughtercard</i> | <i>Product Code</i> |
|---|---------------------|
| Vanguard Dual Port FXS Voice Daughtercard | 68372 |
| Vanguard Dual Port E&M Voice Daughtercard | 65729 |
| Vanguard Single Port FXS/FXO Voice Daughtercard | 68272 |
| | 80019 |

Additionally, any internal wiring to which these daughtercards are attached, must be isolated from these unprotected communication lines, by a minimum of 6 cm. in all directions. Furthermore, Vanguard Managed Solutions believes it to be good practice and strongly recommends, that in general such external communications lines be protected at the entry point into a facility to avoid introducing external disturbances into internal wiring. An example of an excellent surge protection practice can be found in the 1999 edition of the United States National Electrical Code (a publication of the National Fire Protection Agency, Quincy, MA). Article 800 covers requirements for communications circuits.



Warning

These daughtercards are not FCC Part 68 complaint and should not be attached to the PSTN.



T0020-03 B

**Vanguard Single
Port FXS/FXO
Voice
Daughtercard
(Product Code
80019)**

The Vanguard Single Port FXS/FXO Voice Daughtercard Product Code 80019 replaces Product Code 68272. The daughtercard with Product Code 68272 is discontinued. The functionality of the daughtercard with Product Code 80019 is identical to that of the daughtercard with Product Code 68272.

The daughtercard with Product Code 80019 has components added to its telephone line interface circuitry to make it more resilient to the high voltage disturbances identified above.

**Hardware
Limitations**

The Dual E&M Daughtercard (Product Code PC65729, Assembly # 74126G01) is not FCC Part 68 compliant and does not support a two wire high gain mode of operation.

If this limitation is required for your application, please contact a Vanguard Managed Solutions representative.
