

TECH FACT 005

PRODUCT	SYSTEM 48
HARDWARE	KSU
SOFTWARE	CURRENT VERSION
DESCRIPTION	SYSTEM 48 TECHNICAL ALERT

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Under certain conditions (electrical noise, length or type of cable used) some extension numbers can become corrupted in the system database. A <u>station number swapping</u> condition can occur. This may affect one or more of the following station (extension) numbers and associated card/station ports:

STATION	CARD-PORT	
• 103	1-04	
• 109	2-02	
• 110	2-03	
• 111	2-04	

PCS Installation Recommendations and Precautions:

Plug the KSU AC power cord into a UPS using a dedicated AC outlet.

The KSU must have access to a good earth ground, such as a cold water pipe without non-metallic joints. The ground source should be as close as possible to the system.

The station cable lengths should not exceed the following maximum specified cable lengths for new UTP cables:

Digital Key Telephone:		Single Line Telephone:		
26 AWG	850 ft.	26 AWG	650 ft.	
24 AWG	1416 ft.	24 AWG	1133 ft.	
22 AWG	1983 ft.	22 AWG	1586 ft.	

Avoid running cable over florescent lights.

Install new RJ-11 jacks if any keyset(s) demonstrate erratic operation or occasional resetting.

Please call PCS Digital at 1-888-860-0102 Ext. 102 if you experience this problem or encounter any similar situations with the System 48.