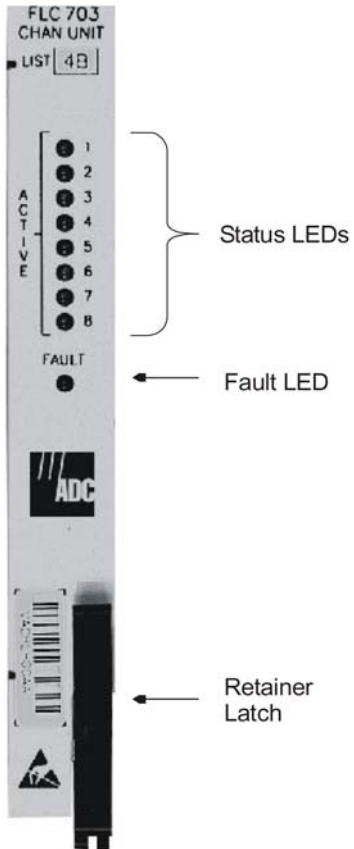# PG-Flex® POTS Channel Units
Quick Installation Guide

ADC

POTS CHANNEL UNIT

Figure 1 shows the FLC-703 List 4B front panel and Table 1 describes the front panel LEDs.

Figure 1.   FLC-703 Front Panel

Table 1.   FLC-703 Front Panel LEDs

LED	Color	State	Function
ACTIVE (1 through 8)	Green	On	Channel is off-hook
		Flash (Fast)	Channel is switched to test pair
		Flash (Slow)	Channel is ringing (LED follows ring cadence)
		Flash (Slow)	Channel has a tip/ground fault on subscriber drop (FAULT LED also flashing)
		Off	Channel is on-hook
Fault	Red	On	No fault is detected in the channel unit
		Flash (Slow)	Channel has a tip/ground fault on subscriber drop (ACTIVE LED also flashing)
		Off	No faults are detected on the channel unit

INSTALLATION

Insert each channel unit into the COT shelf or RT enclosure. Observe that all LEDs:

- Turn on for approximately 2 seconds
- Scan from top to bottom
- Flash all on, then turn off

CONFIGURATION

Configure each channel for loop/start or ground/start operation. Loop start mode is the default configuration for these channel units. Refer to the appropriate CO line unit practice for detailed information on configuring the channel units.

TESTING

1. After the PG-Flex system has powered up, the HDSL becomes synchronized, and no calls are in progress, verify that the front panel ACTIVE indicators are all off and the FAULT indicator is off.

2. Test each POTS circuit using a butt-in:
   a Place an outgoing call.
   b Receive an incoming call.

3. For each circuit, verify that the ACTIVE LEDs indicate the progress of the call (Table 1 shows the LED states) and a voice connection is established.

TROUBLESHOOTING

Table 2 provides fault isolation and troubleshooting for the FLC-703.

Table 2.   Fault Isolation and Troubleshooting

Indication	Problem	Action
FAULT LED On	Internal fault in channel unit	Replace the Channel Unit
No dial tone, cannot dial	Facility or channel unit problem	• If dial tone is present at RT, check subscriber drop • If dial tone is present at COCU, replace COCU, RTCU or both
Phone does not ring	Drop length too long or channel unit problem	• If ringing is present at RT, check subscriber instrument • If ringing is present at COCU, replace RTCU, COCU, or any combination of these units

LIMITED WARRANTY

Product warranty is determined by your service agreement. Refer to the ADC Warranty/Software Handbook for additional information, or contact your sales representative or Customer Service for details.

FCC CLASS A COMPLIANCE

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

MODIFICATIONS

The FCC requires the user to be notified that any changes or modifications made to this device that are not expressly approved by ADC voids the user's warranty.

All wiring external to the product(s) should follow the provisions of the current edition of the National Electrical Code.

TECHNICAL SUPPORT

Technical assistance is available 24 hours a day, 7 days a week by contacting the ADC Technical Assistance Center (TAC) at:

Telephone:	800.366.3891 (toll-free in the U.S. and Canada)
E-mail:	wsd_support@adc.com
Knowledge Base:	http://adc.com/Knowledge_Base/index.jsp
Web:	www.adc.com

REVISION HISTORY

Rev	Date	Revisions
01	11/6/2001	Initial Release.
02	9/4/2002	Removed Product Part Numbers.
03	1/6/2003	Updated Product Support Information

This document applies to the following products:

Model	List	CLEI
FLC-703	4B	VACHLHGC~~
FRC-753	4C	VARHCK1C~~

ISO 9001
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