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https://verifone.cloud/docs/application-development-kit-version-50/pg_diag_cp Updated: 21-May-2025

Diagnostics Control Panel

Preface

This guide provides information on the usage of the Diagnostic Control Panel.

Introduction

This is a system application that provides simple system diagnostic tools to make hardware tests.

Getting Started

The Diagnostic Control panel can be accessed wia the "MAC Control Panel":



Structure

Diagnostics

Description

Note



The Display provides color test

Touch the display or press the green key (O) to go to the next color. Press reg key (X) to exit.



The Keyboard provides keyboard test

Press any key increases its counter if key works fine. Press any key and wait for 3 seconds to exit.



<u>The Card</u> provides Smart card reader test, Contactles (NFC) test and Magnetic streap reader test The buzzer/Audio provides buzzer and audion tests

In some devices speacker is missing only buzzer test is available

The LED provides all available on the device LEDs tests

Click on the list item to turn LED on or off

<u>The Touch</u> provides touch screen tests and driver information

The SD Card provides SD Card slote test

If SD Card is detected, card contents is shown



The Battery provides information about RTC and device batterys



The Printer provides paper printer test

Display

Before start the test user must confirm his choise. Then by clicking on touch or green key different colores will appers on the display. This test helps users to detect if any pixeps are demaged.

Keyboard

This test helps users to check if all keys works fine. Pressing on key increase its counter whick is displaied. Press any key and wait for 3 seconds to exit this test.

Card

Card	Description	Note
	The Magnetic reade provides MSR test	Swipe the card to test all trecks
₿	The Smart Card reade provides SCR test	Insert Smart Card in the one of the device slots to reade it
	The Contactless provides CTLS test and PCD information	Attach the card to read its ID
Buzzer/Audio		

Buzzer/Audio

Description

Note



Users can set frequencey and duration for buzzer



Users can set volume for audio test

LED

This test displays list of all device LEDs. Users can turn them ao and off to test.

Touch

Touch	Description	Note
B	The Touch Panel coordinates provides touch screen test	Touch display and X,Y coordinates will be displayed. Wait for 3 second after the touch or press red key to exit
<u> </u>	The Signature provides signature test	Draw your signature then press red key or back button to exit. Signature can be saved as a file



The Driver version provides touch driver information

SD Card

If SD Card is inserted, the test shows card content.

Battery

Shows RTA and device main battery information.

Printer

Prints test paper.