Honeywell

Connected Life Safety Services

HON-DACT-DS

Quick Installation Guide

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ECN: 00052390, P/N: LS10406-351 HW-E,
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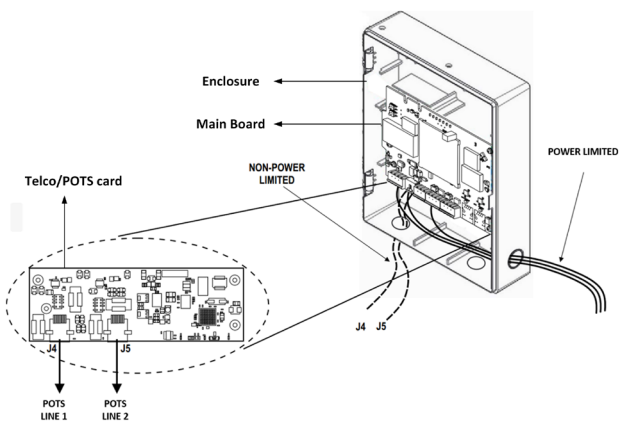
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Compliances

- ETL Listed for UL 864 (10th Ed.) requirements (41.3.2.9)
- NFPA 72 National Fire Alarm and Signalling Code requirements
- NFPA 70 National Electrical Code requirements
- FCC ID: 1W6AL02ACGWMB
- ETL Control Number: 5025335
- This device complies with Part 68 of the FCC Rules adapted by ACTA.

HON-DS-DACT Parts



The HON-DACT-DS dials to telephone number(s) and alarm transmission occurs through primary and secondary telephone line connection to alarm monitoring stations.

This guide covers the basic installation and initial setup of the HON-DACT-DS

Supporting Documents

- HON-DACT-DS User Manual (LS10406-000HW-E).
- Installation documents for your fire alarm control panel.
- Refer to the Honeywell Fire Alarm Panel Brand websites or log in to https://fire.honeywell.com/

Supported Fire Alarm Control Panels

The dialer operates with various Honeywell fire alarm control panels. To know their details, refer to the HON-DACT-DS Installation and User Manual (LS10406-000HW-E) supported panel section.

Panel-Side Connections

To know about the panel-side connection steps, refer to the installation document for HON-DACT-DS and the respective panel.

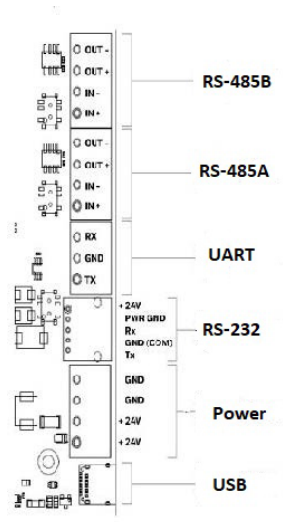
Ensure Before Connecting

- The digital alarm communicator and transmitter are compatible with the alarm monitoring station receiver.
- The primary and secondary phone numbers are registered with the vendor for the alarm services.
- The phone number(s) that the HON-DACT-DS will use is not call forwarded.
- You have two RJ31X jacks and two telephone cables (7-feet), separately ordered.
- The service technician installing this device is trained and experienced in this activity.
- The wiring complies with all the applicable codes and regulations.
- The technician has carefully read the instructions and markings. Failure to follow them could damage the product or cause a hazardous condition.

UL Power-Limited Requirements

- All power-limited circuit wiring must remain 0.25 inches (6.35mm) from non-power-limited circuit wiring.
- Power-limited (Class 2) and non-power-limited circuit wiring must remain separated in the cabinet.
- All power-limited and non-power-limited circuit wiring must enter and exit the cabinet through different knockouts or conduits.
- When a power-limited source and a power-limited device are connected, remove the power limited markings.
- Each non-power-limited circuit connected to these modules must be identified in the space provided on the cabinet door label.
- If additional knockouts are added to the backbox, proper separation of power-limited and non-power-limited wiring should be maintained.

Mainboard Power Connection



Note: UART and RS-485B are not used for HON-DACT-DS

Connecting for Monitoring Services

The Telco/POTS card should be the first device on the incoming telephone circuit.

IMPORTANT: Check that the wire gauge is at least 26 AWG.

DACT-DS Side

Step 1: Connect the Primary phone line (PH1) to the J4 port of the Telco/POTS card.

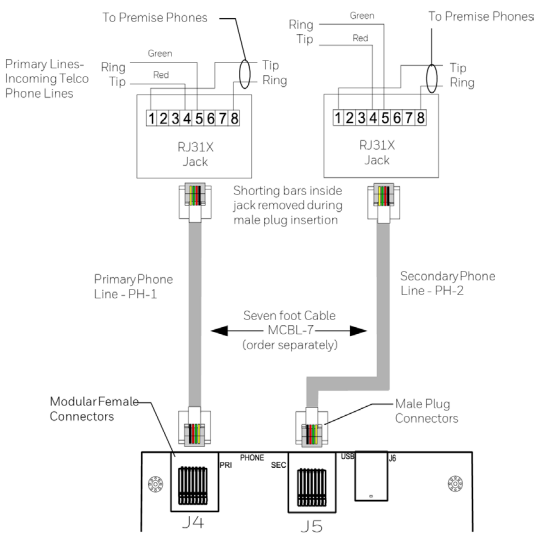
Step 2: Connect the Secondary phone line (PH2) to the J5 port of the Telco/POTS card.

RJ31X Jack Side

Step 1: Connect the Primary phone line (PH1) to its RJ31X jack.

Step 2: Connect the Secondary phone line (PH2) to its RJ31X jack.

IMPORTANT: After completing the installation, verify the communication between the DACT and alarm monitoring station receiver.



TELCO/POTS CARD

Verifying the Connections

After making all the connections check the LED indicators on the Telco/POTS card.

- LED5 Green – Power LED: Indicates POTS card has power.
- LED3 Green – Kiss off LED: Flashes ON whenever the DS Dialer successfully transmits an event to the alarm monitoring station. The Kiss off LED may turn ON several times.
- LED4 Green – Heartbeat LED: Flashes every 1 second to indicate that the POTS card microprocessor is running.
- LED7 Red – HON-DACT-DS Line 1: ON indicates HON-DACT-DS Line 1 is activated (off-hook).
- LED8 Red – HON-DACT-DS Line 2: ON indicates HON-DACT-DS Line 2 is activated (off-hook)

Installing the HON-DACT-DS

Step 1. On Mainboard, connect USB Type C converter.

Step 2. Connect Ethernet port cable to the PC.

Step 3. Press and hold the S6 button on Mainboard, for a minimum of 6 seconds, and then release it. It will switch the HON-DACT-DS to the configuration mode. The LED indicator DL3 on Mainboard turns ON and SOLID, indicating that the configuration is enabled.

Step 4. Open the Chrome browser, https://192.168.10.190:9443/config/index.html

NOTE: Configuration PC Ethernet settings need to be changed to static IP address:

1. Go to Control Panel>Network and Internet>Network Connection.
2. Right click on the Ethernet, Go to Properties, double click Internet Protocol Version 4 (TCP/IPv4)
3. Select “Use the Following IP address” and Update as below,

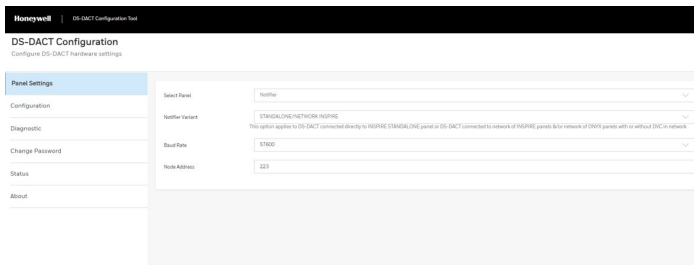
   IP address: 192.168.10.180

   Subnet: 255.255.255.0

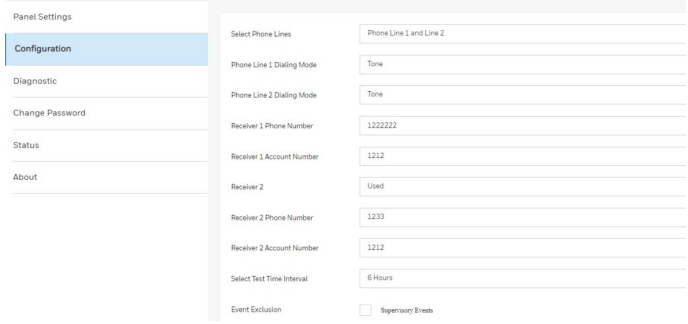
   Default Gateway: 192.168.10.1

Step 5. Enter the password in the Sign In page.
NOTE: The default password is: Welcome123

Step 6. In the Panel Settings Page, Enter the Panel details and Save.



Step 7: In the Configuration page, Enter the Central station receiver details and Save, then it connects to the Central station.



Generating Central Station Report

Step 1: Log on to CLSS Site Manager: https://fire.us.honeywell.com/

Step 2: Select the site and building where the HON-DACT-DS is installed or add HON-DACT-DS customer and device details if not existing.

Step 3: Click Feature Activation and select DS-DACT for HON-DACT-DS.

Step 4: Follow the on-screen instructions to generate and download the central station report.

NOTE: Refer to the HON-DACT-DS User Manual (LS10406-000HW) for report settings and report format details.

Environmental Specifications

Temperature: 0°C to 49°C (32°F to 120°F)

Relative Humidity: 1% to 93% Non-condensing

An installation environment with a normal room temperature of 15° C to 27° C (60 to 80° F) is recommended.

Operational Specifications

Power Supply: 18V to 30V

Typical Current consumption:
200mA @ 18V
150mA @ 24V