



OneExpert CATV Getting Started Guide



Features

OneCheck

- Comprehensive testing of Ingress, Downstream & DOCSIS
- Session Expert to help resolve problems

Channel Check

- Real-time analysis of Downstream QAM and Analog Carriers
- Multiple simultaneous measurement simplifies troubleshooting

DOCSIS Check

- Real-time analysis of DOCSIS services and DOCSIS Carriers
- Powerful troubleshooting

Home Network Check

- One Button access to test home networks
- WiFi, MoCA, Ethernet

Multitouch, user-friendly interface is similar to smart devices. StrataSync™ cloud-enabled architecture provides easy asset and test data management.

PREPARATION FOR USE

When you unpack the OneExpert CATV, do the following:

- Inspect the OneExpert CATV for damage. If damaged, put it back in the box and contact JDSU customer service.
- If undamaged, save the box and packing materials in case you need to ship the OneExpert CATV in the future.
- Remove the protective film from the LCD. This film is in place for protection during shipment. There is a tab in the lower right corner for easy removal.

Before using the OneExpert CATV for the first time, do the following:

- Turn the OneExpert CATV ON (use the green button on the front of the unit) and then verify that it is operating properly by navigating through a few menus.
- If the Batt LED is red, charge the battery.

SYSTEM KEYS

Under the Navigation arrow keys, there are three System keys:



Back/Cancel
Go back to the previous menu



Home
Return to the main/home screen



Tray
Launch the Tray Menu

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LEDs

Sync – Reports the status of modem synchronization. Blinking green indicates that the modem is ranging. Solid green indicates that the modem has successfully ranged.

Network – Indicates the status of network connectivity. Blinking green indicates that the unit is acquiring an IP address. Solid green indicates that an IP address has been acquired. Blinking amber indicates a timeout – the unit was unable to acquire an IP address. If the LED is not illuminated, the network is not active – either the unit is not connected or it is logged off.

Error – Solid red indicates error and alarm conditions. The type of error varies and depends on the application.

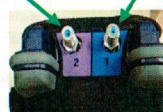
Batt – A multi-color LED that indicates the battery status. Solid green indicates that either the battery charge is higher than 30%, or that an external source is powering the unit. Solid red indicates that the battery charge is critically low, and less than 10%. Solid amber indicates that the battery is getting low, and the charge is between 10% and 30%.

SIDE AND TOP PANEL INPUT / OUTPUTS

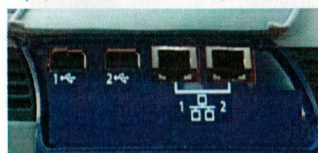
The Top of the unit has the two RF input ports:

Port 2: Connect to upstream from house for Ingress Scan

Port 1: Connect to incoming downstream services; DOCSIS, QAM



The right side panel contains the following ports:



Two USB slots



Two Ethernet/Network ports



Bottom Panel

The right side panel contains the following ports:



Charge LED

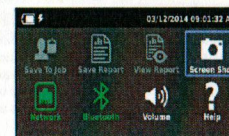
DC Power Input

The DC Power Input, located on the bottom of the instrument, is used to connect the AC adapter.

The Charge LED located next to the power input indicates that the adapter is connected. Solid green indicates that charging is complete. Slow flashing red indicates that the battery charge is critically low, and less than 10%. Fast flashing red indicates that the charging was suspended due to a fault and user intervention is necessary (for example, an incorrect charger is attached). Solid red indicates that the charging was suspended due to overheating. The unit can continue to run, and no user intervention necessary. Solid amber indicates that the battery is charging.

USING THE TRAY MENU

The tray menu allows access to commonly used functions. It can be accessed either by pressing the Tray system key or by swiping downward from the top of the LCD.



SAVE TO JOB – Saves the results to job ticket.

SAVE TO REPORT – Saves the results to a report. Formats available: XML, PDF, or HTML.

VIEW REPORT – Views a saved report. Select View Report and then select the saved report to view. If there are no saved reports, the text will be grayed out.

SCREEN SHOT – Takes a screen capture of the current menu (the screen you were viewing when you launched the tray menu).

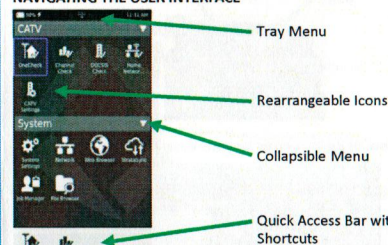
NETWORK – Enables or disables the home/Ethernet network.

BLUETOOTH – Enables or disables Bluetooth.

VOLUME – Control the device volume.

HELP – Provides TAC phone numbers.

NAVIGATING THE USER INTERFACE



SELECTING A MENU

To select a menu, either touch the item or use the arrow navigation keys to highlight the desired menu item and then press the OK key.

COLLAPSIBLE MENUS

Each main item is a collapsible menu. Touch the triangle on the right (the triangle rotates from pointing left to pointing down) or use the arrow keys to highlight the menu item and then press the OK key.

PERSONALIZING THE USER INTERFACE

REARRANGING ICONS

You can rearrange icons within a menu for tests or functions you use frequently.

To rearrange icons inside a menu, touch and hold the icon and then drag it to the new location. For example, if you frequently use the Ingress Scan test, touch and drag the Ingress Scan icon from the CATV menu to the top row.

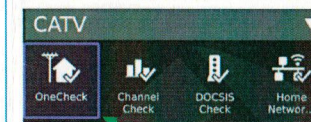
SHORTCUTS

If you have a test or function that you use frequently (for example, system settings), you can make it a shortcut.

Touch and hold the icon for the function and then drag it to the bottom of the screen to create a shortcut. You can create up to four shortcuts. To remove the shortcut, drag it off the shortcut bar.

Test Modes

OneExpert has a simplified test structure: OneCheck, Channel Check, DOCSIS Check, HomeNetwork Check provide autotests and troubleshooting.

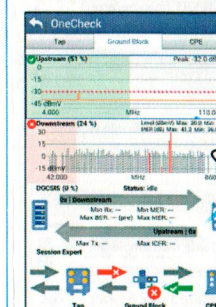


Run OneCheck for a comprehensive autotest of Ingress, QAM, Video, and DOCSIS. Touch the icon or use arrows to select and press OK.

Using the OneCheck Dashboard

OneCheck provides a comprehensive dashboard that shows results for Ingress Scan, Downstream Scan, DOCSIS, and guided troubleshooting with Session Expert.

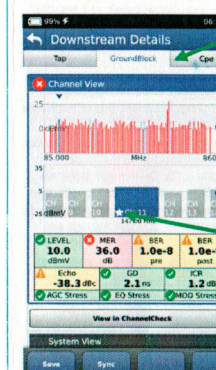
For each panel in OneCheck the user can get more test result details by either touching the panel on the touchscreen or using the up/down arrow keys to select the panel and pressing OK.



Touch once on a panel to open detailed measurements (or select panel with arrow keys and press OK).

Using the Detail Views

OneCheck/Channel Check/DOCSIS Check



Tap to switch test location and view results or start a test at another location (Tap, GB, CPE).

Tap on full scan graph to select active channel.

Swipe Left or Right to select the active channel.

Tap on the star to add or remove from favorites.

Swipe up or down (or use up/down keys) to view additional result screens.

TECHNICAL ASSISTANCE

If you need assistance or have questions related to the use of this product, contact your local sales office for assistance, or contact JDSU's Technical Assistance Center (TAC). For the latest TAC contact information, go to www.jdsu.com.