THE POWER OF REDARC®

USER GUIDE — DISP4300

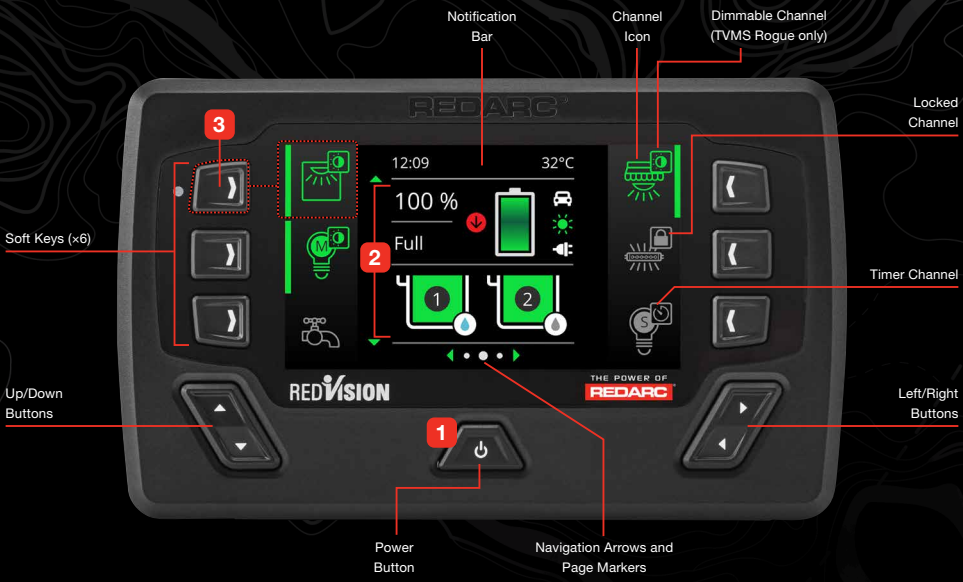
REDVISION® DISPLAY

www.redarcelectronics.com

REDVISION

QUICK START

All screens shown in this guide are examples only. The layout and appearance of the screen may vary depending on your Display's software version and the devices in your system.



1. POWER BUTTON

POWER CONTROL

Press the Power Button once to wake up the display, or to open the ***Power Control*** screen.

MASTER SWITCH

Press the Power Button twice to turn the Master Switch On. The Master Switch locks all channels that are configured to be master switched.

TURN THE DISPLAY OFF

Press-and-hold the Power Button to power-down the Display.

2. SYSTEM INFORMATION

View system information on the pre-configured Home screen. The Home screen layout can include battery level, charging status and inputs, fluid tank levels and temperature.

3. CHANNEL CONTROL

TURN CHANNELS ON/OFF

Press the soft key next to a channel icon to turn the channel On/Off.

ADJUST DIMMABLE LIGHTS*

Press the soft key to turn the light On and Off. Press-and-hold the soft key to progressively dim or brighten the light.

TIMER CHANNELS

Press the soft key to turn the channel On and start the timer. The channel will automatically turn Off after the preconfigured duration.

*TVMS Rogue only

SCREENS AND NAVIGATION

The Display has three main menus that are arranged into columns — Settings, Home screen, and Status screens.

Press Left/Right to navigate between the columns, then press Up/Down to scroll to individual screens.

CHANNEL INFO

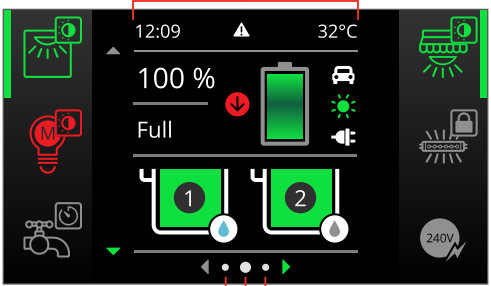
- Locked
- Dimmable*
- Timer

CHANNEL COLOURS

- Green — On
- Grey — Off/Locked
- Red — Blown Fuse

NOTIFICATION BAR

Displays important information and notifications about your system, including the current time (in 12 or 24-hour format) and the battery or temperature sensor reading (in °C or °F).



NOTIFICATION ICONS

- Bluetooth® Connected
- Master Switch On
- Fault
- Load Disconnect Enabled
- System is in Storage Mode
- Alarm Notification

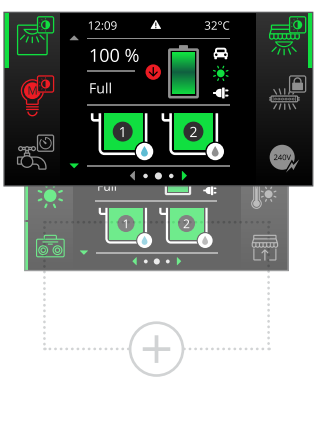
SETTINGS

Adjust Display Settings, System Settings, and individual device settings for the devices in your system e.g. TVMS Rogue, Distribution Box etc.

HOME SCREEN

Displays system information. Channels are on the left and right and are controlled by the adjacent soft keys.

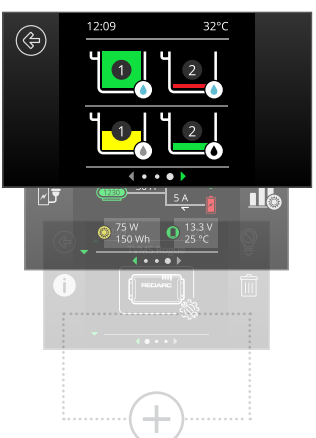
Navigate Up/Down to see more soft keys (if applicable).



STATUS SCREEN/S

Optional screens including ***TVMS Overview***, ***TVMS Fluid Tank Level***, and ***RS3 Inverter Output***.

Systems that include a Manager will always display the Manager information screen.



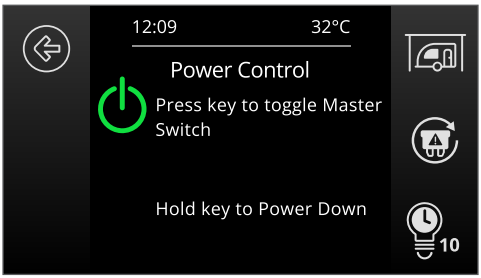
*TVMS Rogue only

POWER CONTROL SCREEN

Press the Power Button to open the ***Power Control*** screen.

From this screen you can enable/disable the Master Switch, choose the System Mode (***Storage*** or ***Touring***), and reset blown fuses (TVMS Rogue only).

Set the System Mode to ***Storage*** when not using your system for long periods of time. Storage mode disconnects all loads and, if one is connected, enables Storage mode on the Manager.

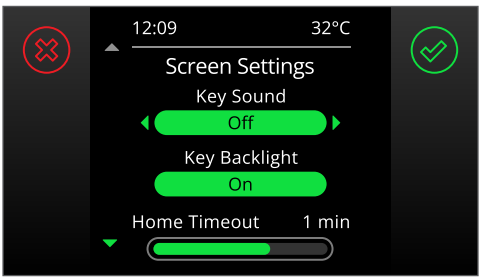


CHANGING SETTINGS

In settings screens, press Up/Down ▲/▼ to select the setting you want to change. Press Left/Right ◀/▶ to adjust the setting.

EXAMPLE: TURN KEY SOUNDS OFF

1. Press Left ◀ to navigate to the Settings menu.
2. Press Up/Down ▲/▼ to navigate to ***Display Settings***.
3. Press the ***Screen Settings*** soft key.
4. With ***Key Sound*** selected, press Left/Right ◀/▶ to toggle it ***Off***.
5. Press the Save soft key.

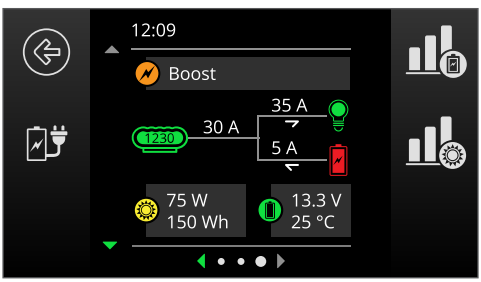


MANAGER INFORMATION

The Manager information screen provides information on charge stage, current flow, solar input and battery status.

The soft keys on the right display the performance logs for SoC/Day, SoC/Hour and Solar Power input. The soft key on the left links to the Charging Source information page.

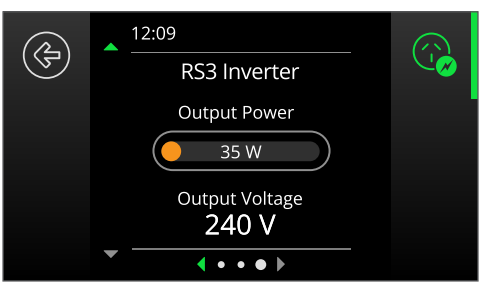
Press Up/Down ▲/▼ from this screen to display the other status screens.



INVERTER INFORMATION

The RS3 Inverter screen is available if your system includes a REDARC RS3 inverter and an appropriately configured TVMS Prime and Display.

The Inverter can be controlled by soft keys here and on the Home Screen.

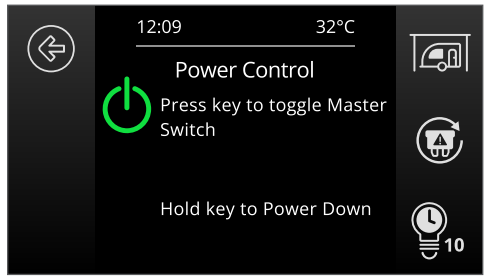


RESET A FUSE — TVMS1240

The TVMS Rogue outputs are internally software-fused. These fuses are reset electronically, so you don't need to replace any blown fuses.

If a blown fuse is detected, the Fault icon ⚠ will appear in the Notification Bar. The fuse can be reset in several ways:

- If a soft key is associated with that channel, the soft key icon will turn red. Press the soft key once to reset the fuse. Press a second time to turn the channel back on.
- To reset via the ***Power Control*** screen, press the Power Button to open the ***Power Control*** screen. Press the ***Reset Fuse*** soft key
- Fuses can also be reset via the Channel Information screen for the device that has a blown fuse error.



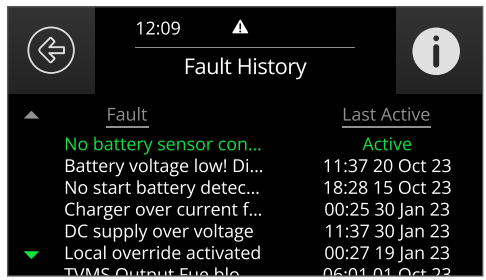
FAULTS

If there is a fault in your RedVision System, a message will be displayed indicating the cause of the fault. Even if you dismiss the fault, the fault icon ⚠ will remain in the Notification Bar until the fault is resolved.

Some devices may stop operating when they in an error state, and will not resume operation until the fault is resolved.

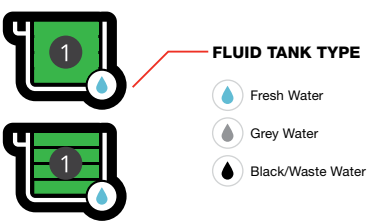
If you dismiss a message, you can view the fault history to re-read the massage and see the cause of the fault.

1. Press Left ◂ to navigate to the Settings menu.
2. Press Up/Down ▴/▾ to navigate to ***System Settings***.
3. Press the ***Fault History*** ⚠ soft key.
4. Select the ***Active*** fault from the list then press the ***Fault Info*** ⓘ soft key.



FLUID TANKS

The tank level will be solid or segmented depending on the fluid tank sensor type and devices used in your RedVision system.

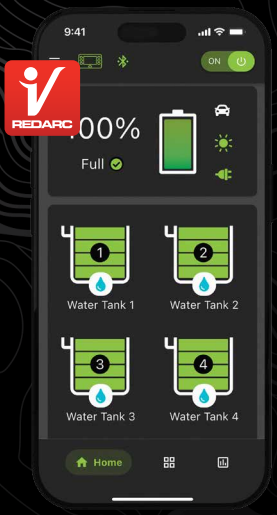


If there are more tanks connected than can be shown on the Home screen, then a Tank Level status page can be configured to show additional tanks.

LOCKED CHANNELS

Channels display the Lock icon when they cannot be turned on/off. This may be because the Master Switch is enabled, or because the channel has an active input override for important safety reasons. For example, an awning channel may be locked whenever the engine is running to prevent the awning from opening during travel.

Lastly, a channel may be locked because the battery voltage has dropped below the user-set threshold. This feature is to prevent draining the battery.



REDVISION® APP

Monitor and control your RedVision® System using your smartphone via Bluetooth®.

The RedVision App gives you remote access to functions and information about the RedVision compatible devices in your system. It includes battery level monitoring, system and input source monitoring, system diagnostics and firmware update notifications.

PAIR THE APP TO THE DISPLAY

1. Install the App on your smartphone.
2. Make sure Bluetooth is enabled on your smartphone, then open the RedVision App. Note, some smartphones also require location services to be enabled.
3. On the RedVision Display. Navigate left ◂ to the settings menu, then press Up/Down ▴/▾ to navigate to ***Display Settings***.
4. Select Bluetooth to display the ***Bluetooth Pairing Ready*** screen.
5. In the App, tap the menu icon ☰
6. Under the ***Devices*** heading, tap the Add icon ⊕
7. Nearby Devices will appear in the list. If no devices appear, tap ***RESCAN*** to try again.
8. Select the system that matches the number on the RedVision Display. Read and accept the disclaimer.
9. Accept the pairing request (if applicable), then enter the Passcode shown on the Display and tap ***Pair/OK***.
10. Once you smartphone is successfully paired, it will display the RedVision Home screen. When first pairing to a new system, the Home screen can take several minutes to appear while the App learns your system configuration. Subsequent connections will be much quicker.

GET THE FREE APP

The RedVision® App and its interactions with the RedVision System have not been tested on all smartphone models. Visit the application pages within your App store to view compatibility details.

THE POWER OF REDARC®

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