

OnSiteWX v2.2 Help

1. Quick Start

- OnSiteWX v2.2 is designed for use with any of the following adapters: DMK 11A or 11A-GPS; Chetco SeaSmart SSN2K; ShipModul MiniPlex-2Wi; Navico GoFree Wifi-1; Digital Yacht WLN10 or Digital Yacht NavLink. The adapter must be connected to an NMEA 2000 or NMEA 0183 network according to the manufacturer's instructions.
- The app contains a demonstration based on the log of a fishing trip to help you familiarize yourself with how the app works. Select Demonstration Mode under Adapter Selection to view the demonstration.
- OnSiteWX contains some sample custom pages on startup. Use Create Custom Page to create new pages, and Manage Pages to switch pages on and off and rearrange the order in which they are seen, so as to customize the app for your network and display the gauges you wish to see.
- Display Preferences lets you select options that change the way the gauges are shown.
- Swipe left and right to change pages.
- Tap a gauge to switch it from analog to digital.
- Engine, Fuel and Tank Level gauges are not included in the base version of the app. You can purchase these from within the app through the Premium Gauges menu item.

2. Connectivity

- When connected to an adapter or playing the demonstration, the menu button will turn green.

3. Menu Options

Connect/Disconnect

- Make sure that the correct adapter has been selected under Adapter Selection
- Check that the adapter is powered up, and that the WiFi Settings on this device show that you are connected to the adapter network
- If you have selected 'Demonstration Mode' in Adapter Selection, this menu choice

will enable you to start or stop the demonstration

Display Preferences

- **Theme** : Select the preferred color theme of the displayed gauges.
- **NMEA Data** : Select the format of data you wish to receive. Some adapters output both formats.
- **Show Pages** : Select 'Active Only' to see all the pages that you have switched on under Manage Pages. Select 'All Pages' to see all pages.
- **Display Units** : Select US to show all readings in units commonly used in the US (feet, degrees Fahrenheit, psi, US gallons, etc) or Metric to show readings using common metric units (meters, degrees Celsius, bar, liters, etc). Boat and wind speeds are always shown in knots.
- **Speedometers** : Set the maximum speed shown on speedometers.

Manage Pages

- Switch pages on or off with the 'Active' switch.
- To change the order of the pages, drag the list symbol at the far right up or down.
- Custom pages can be deleted.
- The On/Off selection is only effective when Display Preferences | Show Pages is set to 'Active Only'.

Rename Current Page

- Choose a name for the current page (custom pages only).

Create Custom Page

- Tap a layout to select it
- When the page appears with blank dials, press and hold a dial face for two seconds to select which gauge will appear in this position. This selection can be changed at any time. In the gauge list, those currently receiving data are shown in blue.
- Custom pages can be turned on and off and deleted in the Manage Pages menu option

- Custom page designs are saved when the app is closed.
- To restore all pages to their original default state, delete the app from this device and re-install it.

Adapter Selection

- Spin the selector wheel to pick the installed adapter. Changing the adapter selection will cause a disconnect from any data source.
- When the selection is changed, the app will change some Display Preferences to match the adapter selection, and give you the choice of connecting immediately.
- Changing the selection changes the option presented under Connect/Disconnect.

Premium Gauges

- OnSiteWX contains gauges for full engine and fuel system instrumentation, for single and dual engine boats. It also contains tank level gauges for common types of tank liquids. All these gauges can be activated through a one time in-app purchase. These gauges will only work with an adapter connected to an NMEA 2000 network.
- If the app is deleted from a device then later re-installed, a previous premium gauge purchase can be restored at no charge by going through the purchase process again.

Data Monitor

- The Data Monitor page shows the data flowing in over the WiFi link. The data can be viewed in raw unedited form, or in formatted NMEA 2000 or NMEA 0183 form. Use the Pause button to halt the flow and examine the data sentences in detail.

View History

- Select a chart to view, and you will see the historical values for one of four time ranges. Touch any bar to see its value.

Help

- Shows this document

About OnSiteWX

- Shows a description of the app, with the version number

4. Adapter Issues

- Before using an DMK adapter, visit the DMK website at www.dmkyacht.com and review the manual.
- The SSID for the DMK box network selection is 'dmkyacht'. Before first connecting to a DMK box touch the blue arrow next to the SSID in the WiFi network list and make sure the correct settings are made (Auto-Join = ON, IP Address = Static, IP Address = 192.168.1.2, Subnet Mask = 255.255.255.0, Router = 192.168.1.1, DNS blank, Search Domains blank, HTTP Proxy = OFF).
- If you are asked for a password when trying to connect to a DMK box, use '0123456789'.
- The DMK 11A box can be reset to its default settings manually by connecting the SeaTalk Red wire to the Ground White or Ground Black wire during power-on. All the LEDs will start flashing. When they stop, after about 5 seconds, disconnect the red wire from the ground. The unit will then be in its default state.
- The SSID for a ShipModul MiniPlex 2Wi adapter is 'MiniPlex-2Wi:xx:xx' where the xx values are specific to your adapter.
- The SSID for a GoFree Wifi-1 is 'GoFree WiFi xxxx' where the xx values are specific to your adapter.
- The SSID for a Digital Yacht WLN10 adapter is 'DY-WLN10-xxxx' where the xx values are specific to your adapter.
- The SSID for a Digital Yacht NavLink adapter is 'DY-NavLink-xxxx' where the xx values are specific to your adapter.
- The SSID for a SeaSmart SSN2K adapter is 'SeaSmart Adhoc Network'. If you have problems connecting to a SeaSmart adapter, make sure that there is no WiFi router active within range.
- If you receive an error message saying that the app could not connect to an adapter, try to connect again immediately before checking the Settings app for an incorrect WiFi setup.

5. Special Gauges

Most gauges are self-explanatory. This section describes some special gauges that

show data from an Airmar WeatherStation.

- **Air Pressure Unadjusted** : This is the barometric pressure unadjusted for altitude. The standard Air Pressure gauge shows a number that has been adjusted for GPS altitude.
- **Heat Index** : The perceived temperature felt when exposed to air with a high moisture content. This is defined only when the air temperature is above 80 deg F (27 deg C) and the relative humidity is above 40%.
- **Wind Chill Appt** : The perceived temperature on a person's face calculated on the basis of the apparent wind. This is defined only when the air temperature is below 50 deg F (10 deg C) and the apparent wind speed is above 3 mph.
- **Wind Chill True** : The perceived temperature on a person's face calculated on the basis of the true wind. This is defined only when the air temperature is below 50 deg F (10 deg C) and the true wind speed is above 3 mph.