savant

On-Wall Charging Dock
(OWC-200B/OWC-200W)
Quick Reference Guide

009-0422-01
OWC-200B-10
OWC-200W-10

The Savant® On-Wall Charging Dock is available in two colors: OWC-2000B (Black) or OWC-200W (White). This Quick Reference Guide provides the information necessary to install the On-Wall Charging Dock for Apple iOS devices.

Box Contents

(1) On-Wall Charging Dock (OWC-200B/W)
(1) Cut out template (009-0247-xx)
(1) On-Wall Dock Bezel (074-0191-xxB/W)
(1) Installation Kit – (Black - 075-0108-xx/ White – 075-0109-xx)
• (1) Power cord, detachable 10A Plug, 1.83 M, 1250W (014-0035-xx) or appropriate international cord.
• (1) 24V DC 60 Watt Power Supply (025-0046-xx)
• (2) 2-pin Screw Down Connector (028-9160-xx)
• (4) #6 x 1.5 Screw (039-0068-xx)
• (2) #8-32 x 1.75 Screw (039-0147-xx)
• (1) Media Dock Filler Plate (074-0225-xxB/W)
(1) Quick Reference Guide (this document)

Specifications

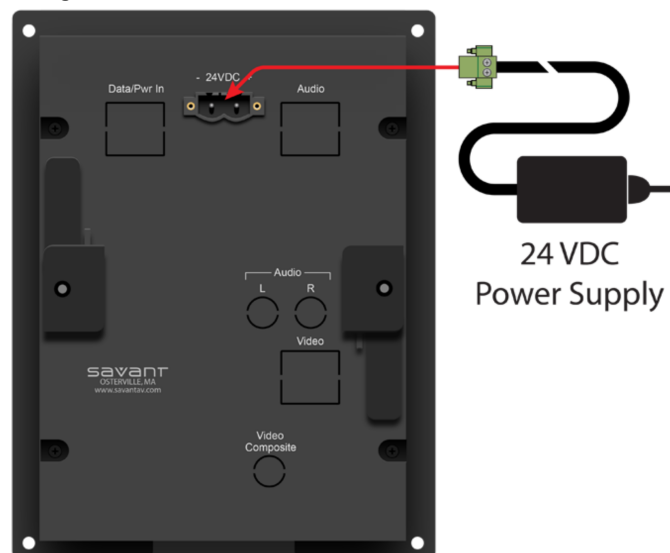| Environmental	
Operating Temperature	32° to 104° F (0° to 40° C)
Operating Humidity	10% to 90% Non-condensing
On-Wall Dock - Dimensions and Weight	
Dimensions (H x W x D) *	6.5 in x 5.0 in x 2.7 in (16.5 cm x 12.7 cm x 6.85 cm)
Weight	0.5 lb/0.23 kg
Power	
Supply	24V DC, 120-230V AC, 50/60 Hz
Maximum Power Draw	7 Watts
Power cable length	Up to 100 meters (AWG 22)
Compliance	
Safety and Emissions	FCC Part 15/CE Mark/C-Tick
RoHS	Compliant

* Overall dimensions for dock, not cut out dimensions.

⚠️**ELECTRICAL DISCONNECT**: The 24V DC power adapter connected to the On-Wall Charging Dock should be easily accessible in the event of an electrical malfunction.

⚠️**SURGE PROTECTION**: Use a surge-protected circuit for all components requiring 120-230V AC, 50/60 Hz source power.

⚠️**ELECTRICAL DISCONNECT**: Remove power before working on the dock.

Wiring to Dock

Wiring and Pinouts

Wired Dock 24V DC		
+ (Positive)	White	24V DC In
- (Negative)	Black	24V DC Return

Installation without RIB-OWMD Configuration Box

1. Connect the 24V DC power supply to the On-Wall Charging Dock and route through the wall opening.
2. After making the connections to On-Wall Dock, position the unit in the opening and secure with the two rotating mounting tabs.
3. Turn the tab screws clockwise; the tabs will grab the interior wall. Tighten until snug. **Do not over tighten**.
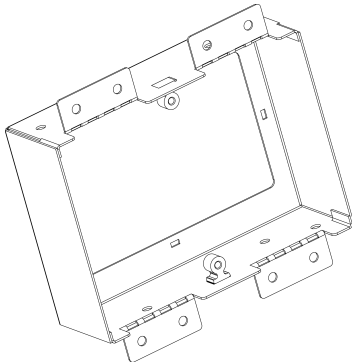
Caution: Do not use a powered screwdriver to tighten the tabs; the tabs can be easily over tightened.

4. Position the bezel over the On-Wall Dock and press, ensuring that the wall plate seats properly.

Note: The On-Wall Dock also has screw-mounting holes for optional stud mounting.

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Optional Pre-/Post-Construction Box

The OWC-200B/OWC-200W can be installed with or without an On-Wall construction box. The On-Wall construction box (RIB-OWMD) is optional and can be used pre-or post-construction to save the space required for the OWC-200X and to terminate the roughed in wires.

Note: The On-Wall Dock Assembly is not a weather resistant unit. Do not locate in a damp or humid area.

Installing the On-Wall Dock into the RIB-IWMD

Place the OWC-200B/OWC-200W into the RIB-OWMD and use the #8-32 screws (2) to attach

Additional Documentation

For more documentation, go to savantsystems.com and navigate as follows:
>**Dealer Login > Knowledge Base > Products**
- Refer to the **Construction Box for On-Wall Dock (RIB-OWMD) Quick Reference Guide**
- Click link: **RacePoint Blueprint™**