

# ReadyDock™ - C5M/F5 INSTRUCTION MANUAL



**Model Number: RDC5M/RDF5**

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## **INTRODUCTION**

A ReadyDock™ is a specialized modular metal cabinet designed to charge, store and secure Tablet PC's manufactured by Motion Computing. This instruction manual has been written to enable purchasers to assemble the ReadyDock™ into the various configurations shown on Page 4 using the Single Unit as the basic building module. Instructions on how to use the ReadyDock™ are also included.

## CONFIGURATIONS

The following configurations shown below, and the applicable assembly and user instructions on the pages following, are provided to allow the customer to choose the configuration that best suits their logistical needs.



**Single Unit**

**12 5/8" W x 11 1/2" H x 13 1/4" D**



**Double Stack**

**12 5/8" W x 22 3/4" H x 13 1/4" D**



**Double, Side By Side**

**25 1/4" W x 11 1/2" H x 13 1/4" D**



**Four Stack**

**25 1/4" W x 22 3/4" H x 13 1/4" D**

## CONTACT INFORMATION

Any questions regarding the procedures in this manual should be directed to:

**Advanced Technical Support, Inc.**  
**10 Grassmere Avenue**  
**West Hartford, CT 06110**

**Telephone: 800-969-1166**

**Fax: 860-523-9511**

**Web: [www.atsworldwide.com](http://www.atsworldwide.com)**

E-mail inquiries should be directed to Nancy Hansen at [nhansen@atsworldwide.com](mailto:nhansen@atsworldwide.com)

## ASSEMBLY INSTRUCTIONS

A Single Unit is a module that holds five (5) tablet computers. All configurations are assembled using the Single Unit module in various combinations electrically connected together using the required number of optional 19 in. Detachable Power (Patch) Cords. The instructions for assembling the various configurations start on the following pages and include instructions for assembling the:

- Single Unit configuration
- Double Stack configuration
- Double, Side by Side configuration
- Four Stack configuration

### **WARNINGS**

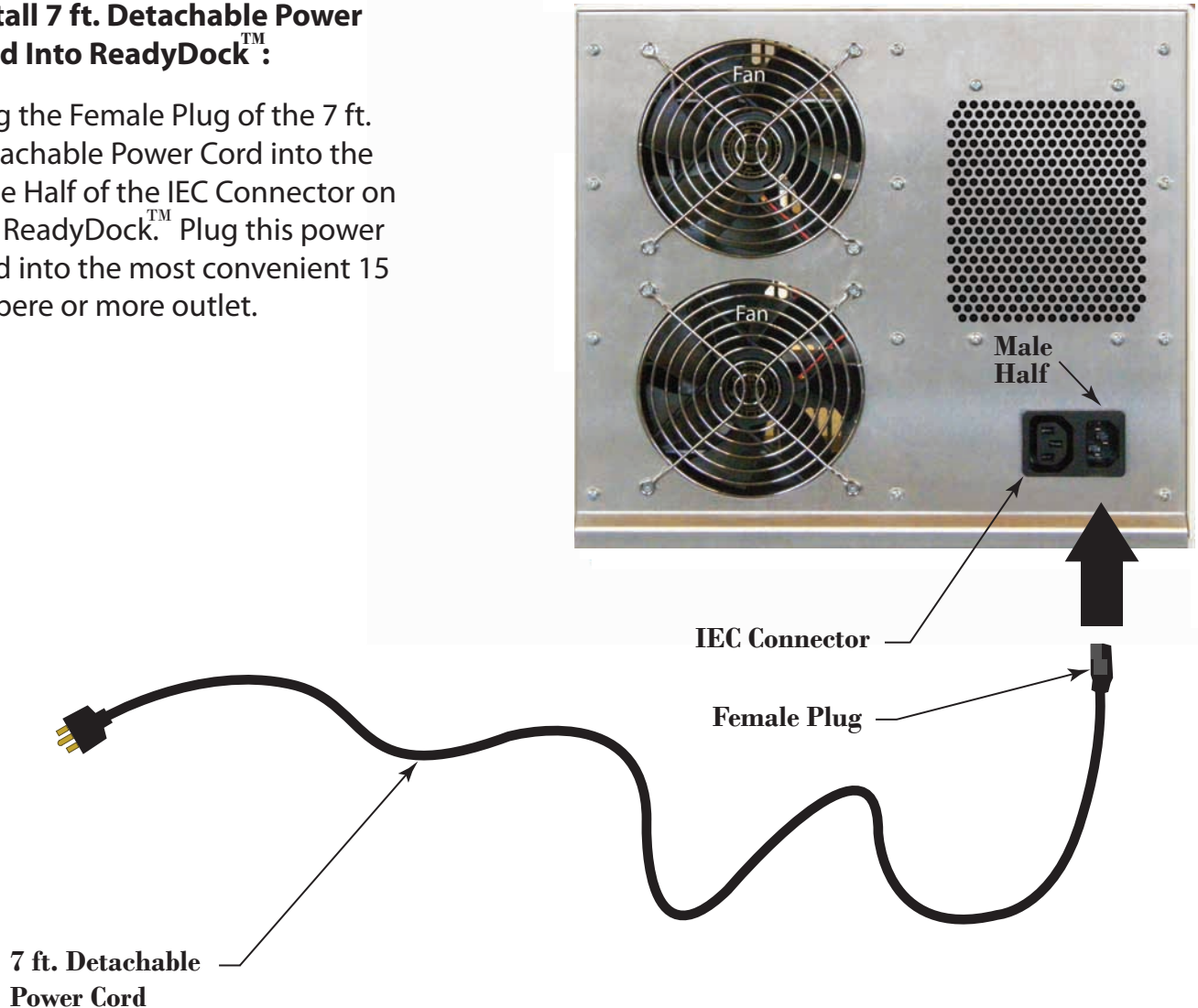
1. The maximum current draw of a Single Unit with five (5) tablets charging is 2.1 amperes. Therefore, before connecting any of the above four (4) configurations to a facility outlet, it should be predetermined if the outlet is capable of handling both the current draw of the ReadyDock™ and any other facility apparatus and/or lights connected to the same circuit. This will prevent unexpected tripping of the outlet's circuit breaker.
2. The maximum number of Single Unit modules that can be electrically coupled together is four (4).

# ASSEMBLY INSTRUCTIONS

## SINGLE UNIT, MODEL NO. RDC5M/RDF5

### Install 7 ft. Detachable Power Cord Into ReadyDock™ :

Plug the Female Plug of the 7 ft. Detachable Power Cord into the Male Half of the IEC Connector on the ReadyDock™. Plug this power cord into the most convenient 15 ampere or more outlet.



# ASSEMBLY INSTRUCTIONS

## DOUBLE STACK

- NOTES:** 1. A Double Stack ReadyDock™ consists of two (2) Single Unit modules stacked one on top of the other and electrically connected using the supplied 19 in. Detachable Patch Cord.
2. Stack the two (2) Single Units together and electrically connect them per Steps ① through ⑨.

- ① **Loosen Lower Metal Back Plate on Upper Single Unit:** Turn the lower six (6) screws (A) counter clockwise 1/2 inches out from the Metal Back Plate on the Single Unit chosen for the top. The screws on the unit chosen for the bottom need not be loosened.

Metal Back Plate



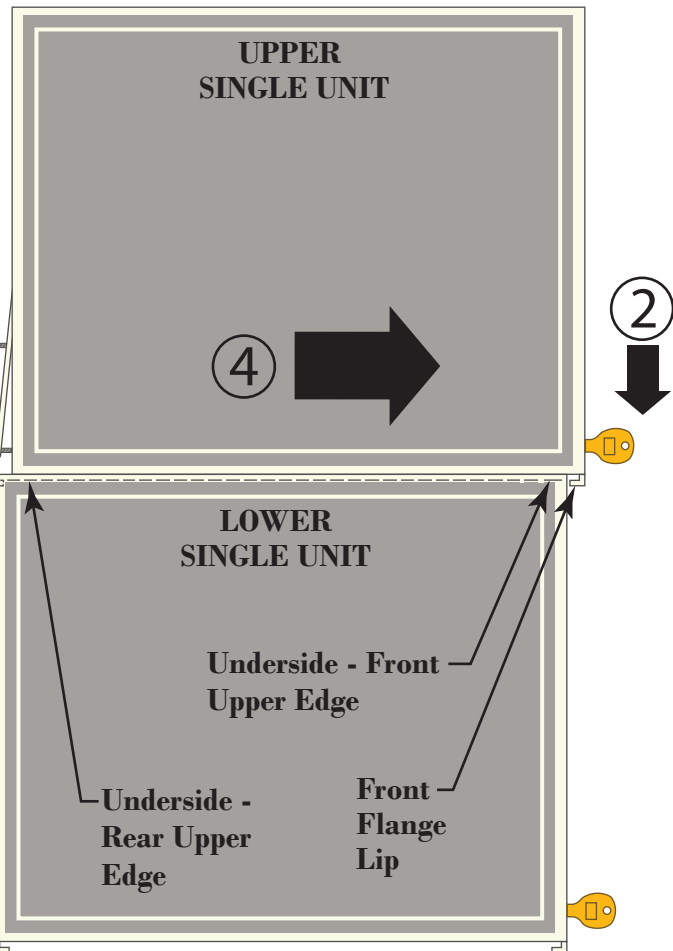
REAR VIEW

- ② **Place Upper Single Unit on Top of Lower Single Unit**

- ③ **Engage Rear Flange Lip of Upper Single Unit Metal Back Plate:** Engage the Rear Flange Lip of the Upper Single Unit Metal Back Plate on the Underside of the Rear Upper Edge on the Lower Single Unit.

Metal Back Plate

Rear Flange Lip



- ④ **Slide Upper Single Unit Forward:** Slide the Upper Single Unit forward until the Front Flange Lip of the Upper Single Unit clears the Underside of the Front Upper Edge. The lower loosened portion of the Upper Single Unit Metal Back Plate will bend outwards during this step.

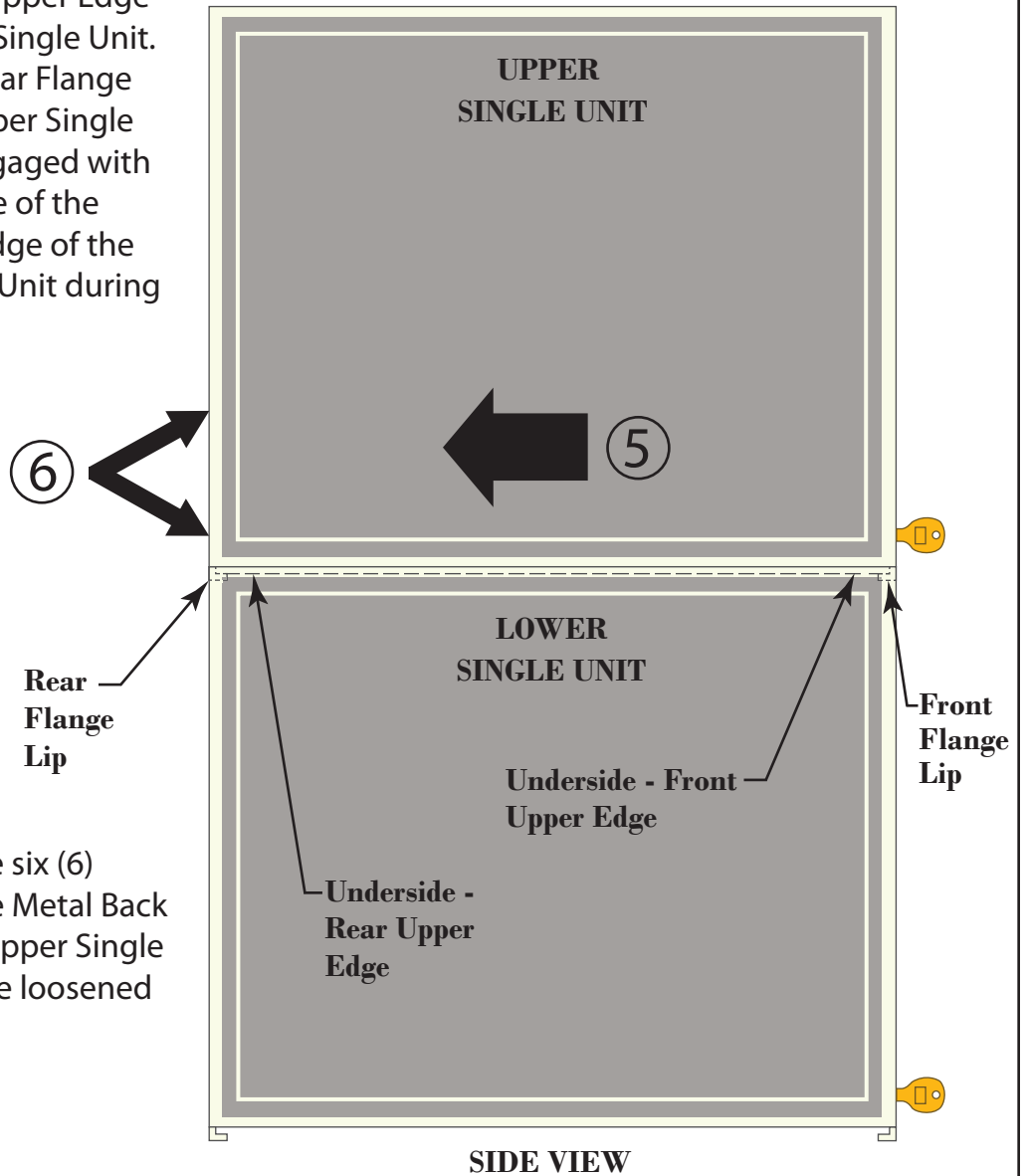
SIDE VIEW

# ASSEMBLY INSTRUCTIONS

## DOUBLE STACK (continued)

### 5 Slide Upper Single Unit Backward:

Slide the Upper Single Unit backwards until the Front Flange Lip of the Upper Single Unit engages the Underside of the Front Upper Edge of the Lower Single Unit. Ensure the Rear Flange Lip of the Upper Single Unit stays engaged with the Underside of the Rear upper Edge of the Lower Single Unit during this move.



### 6 Retighten Metal Back Plate Screws:

Retighten the six (6) screws on the Metal Back Plate of the Upper Single Unit that were loosened in Step 1.

# ASSEMBLY INSTRUCTIONS

## DOUBLE STACK (continued)

### ⑦ Install 19 in. Detachable Patch Cord Into Upper Single Unit:

Plug the Female Plug of the 19 in. Detachable Patch Cord into the Male Half of the IEC Connector on the ReadyDock™ Upper Single Unit.

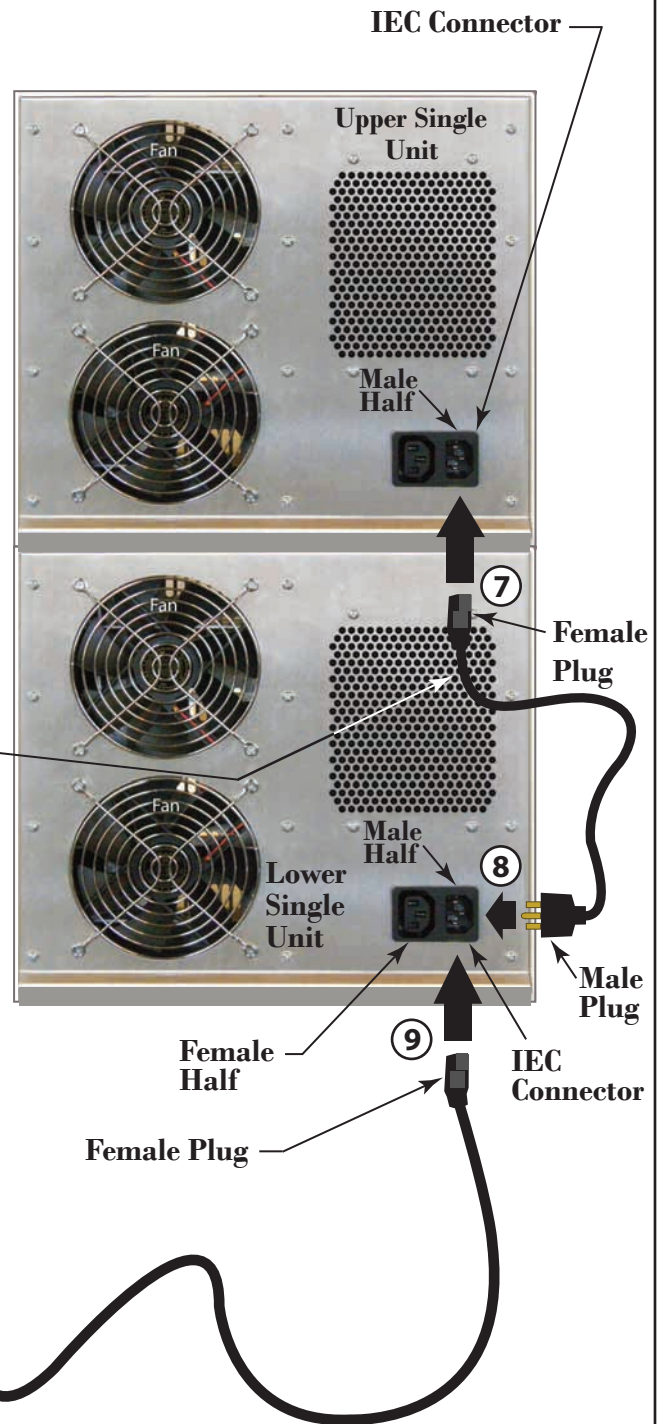
### ⑧ Install 19 in. Detachable Patch Cord Into Lower Single Unit:

Plug the Male Plug of the 19 in. Detachable Patch Cord into the Female Half of the IEC Connector on the ReadyDock™ Lower Single Unit.

### ⑨ Install 7 ft. Detachable Power Cord Into Lower Single Unit:

Plug the Female Plug of the 7 ft. Detachable Power Cord into the Male Half of the IEC Connector on the ReadyDock™ Lower Single Unit. Plug this power cord into the most convenient 15 ampere or more outlet.

7 ft. Detachable Power Cord

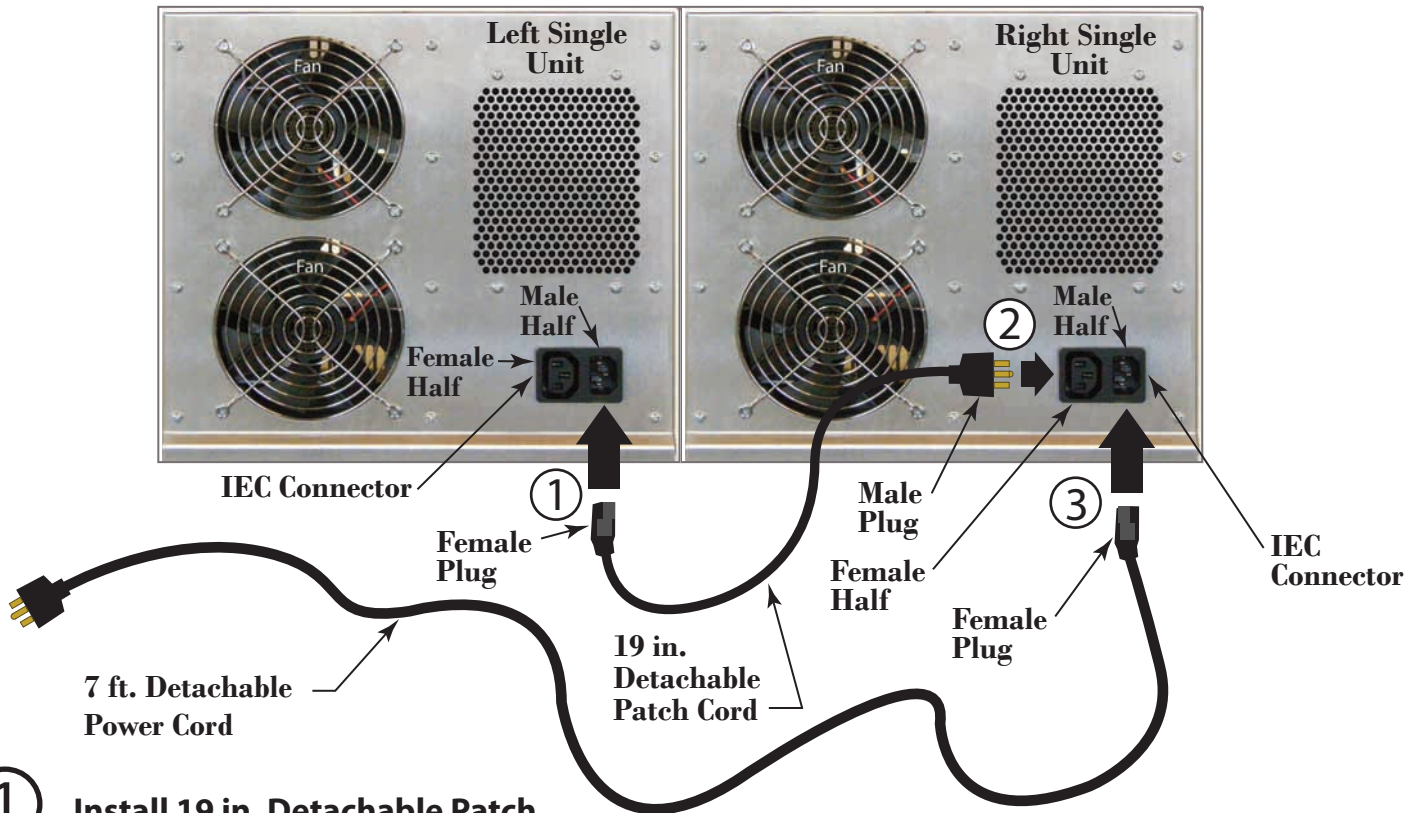


# ASSEMBLY INSTRUCTIONS

## DOUBLE, SIDE BY SIDE

- NOTES:**
1. A Double, Side By Side ReadyDock™ consists of two (2) Single Unit modules pushed together side by side and electrically connected using the supplied 19 in. Detachable Patch Cord.
  2. Push the two (2) Single Units together side by side and electrically connect them per Steps ① through ③.

### REAR VIEW



①

#### **Install 19 in. Detachable Patch Cord Into Left Single Unit:**

Plug the Female Plug of the 19 in. Detachable Patch Cord into the Male Half of the IEC Connector on the ReadyDock™ Left Single Unit.

②

#### **Install 19 in. Detachable Patch Cord Into Right Single Unit:**

Plug the Male Plug of the 19 in. Detachable Patch Cord into the Female Half of the IEC Connector on the ReadyDock™ Right Single Unit.

③

#### **Install 7 ft. Detachable Power Cord Into Right Single Unit:**

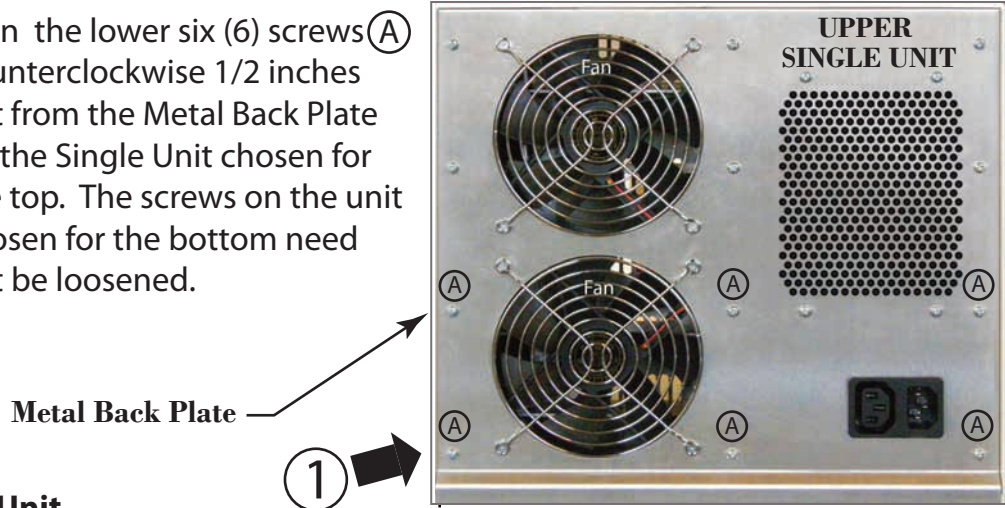
Plug the Female Plug of the 7 ft. Detachable Power Cord into the Male Half of the IEC Connector on the ReadyDock™ Right Single Unit. Plug this power cord into the most convenient 15 ampere or more outlet.

# ASSEMBLY INSTRUCTIONS

## FOUR STACK

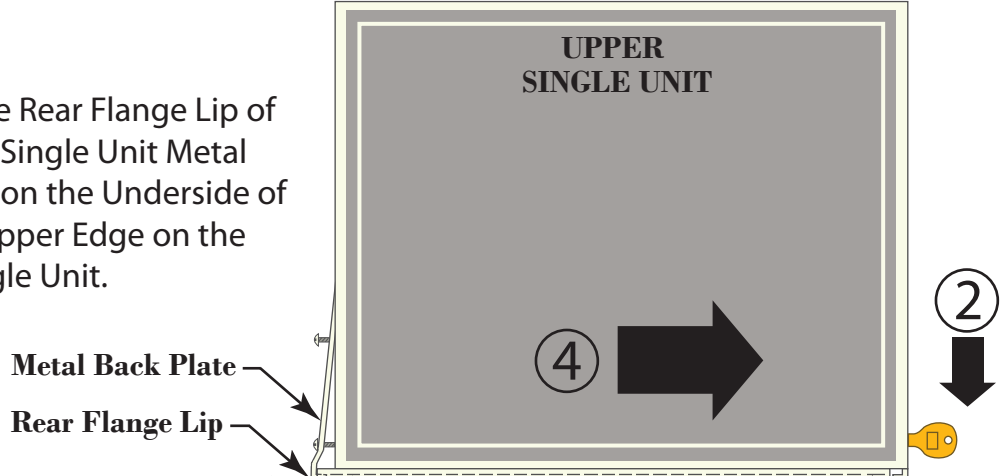
- NOTES:**
1. A Four Stack ReadyDock™ consists of two (2) Double Stack ReadyDock™ pushed together side by side and electrically connected using the three (3) supplied 19 in. Detachable Patch Cords.
  2. Assemble two (2) Double Stack ReadyDock™ per Steps ① through ⑥.
  3. Push the two (2) Double Stacks together and electrically connect them per Steps ⑦ through ⑬.

- ① **Loosen Lower Metal Back Plate on Upper Single Unit:** Turn the lower six (6) screws (A) counterclockwise 1/2 inches out from the Metal Back Plate on the Single Unit chosen for the top. The screws on the unit chosen for the bottom need not be loosened.

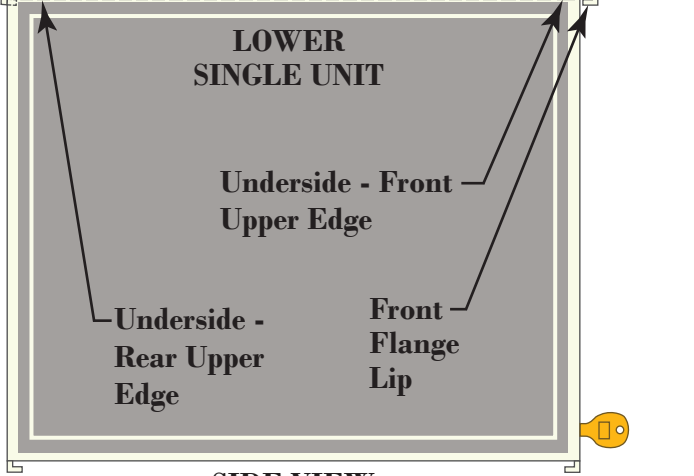


- ② **Place Upper Single Unit on Top of Lower Single Unit**

- ③ **Engage Rear Flange Lip of Upper Single Unit Metal Back Plate:** Engage the Rear Flange Lip of the Upper Single Unit Metal Back Plate on the Underside of the Rear Upper Edge on the Lower Single Unit.



- ④ **Slide Upper Single Unit Forward:** Slide the Upper Single Unit forward until the Front Flange Lip of the Upper Single Unit clears the Underside of the Front Upper Edge. The lower loosened portion of the Upper Single Unit Metal Back Plate will bend outwards during this step.

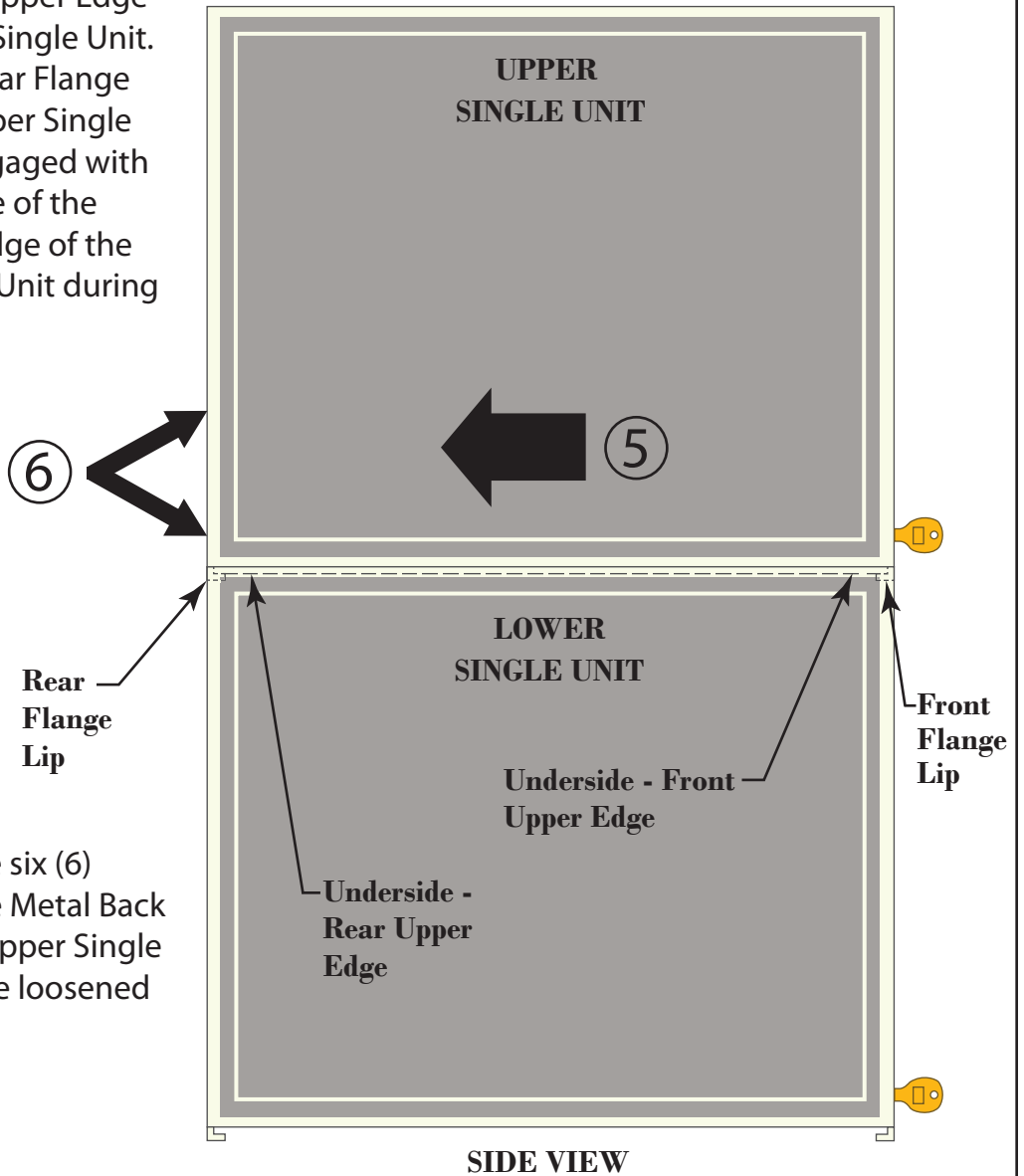


SIDE VIEW

# ASSEMBLY INSTRUCTIONS

## FOUR STACK (continued)

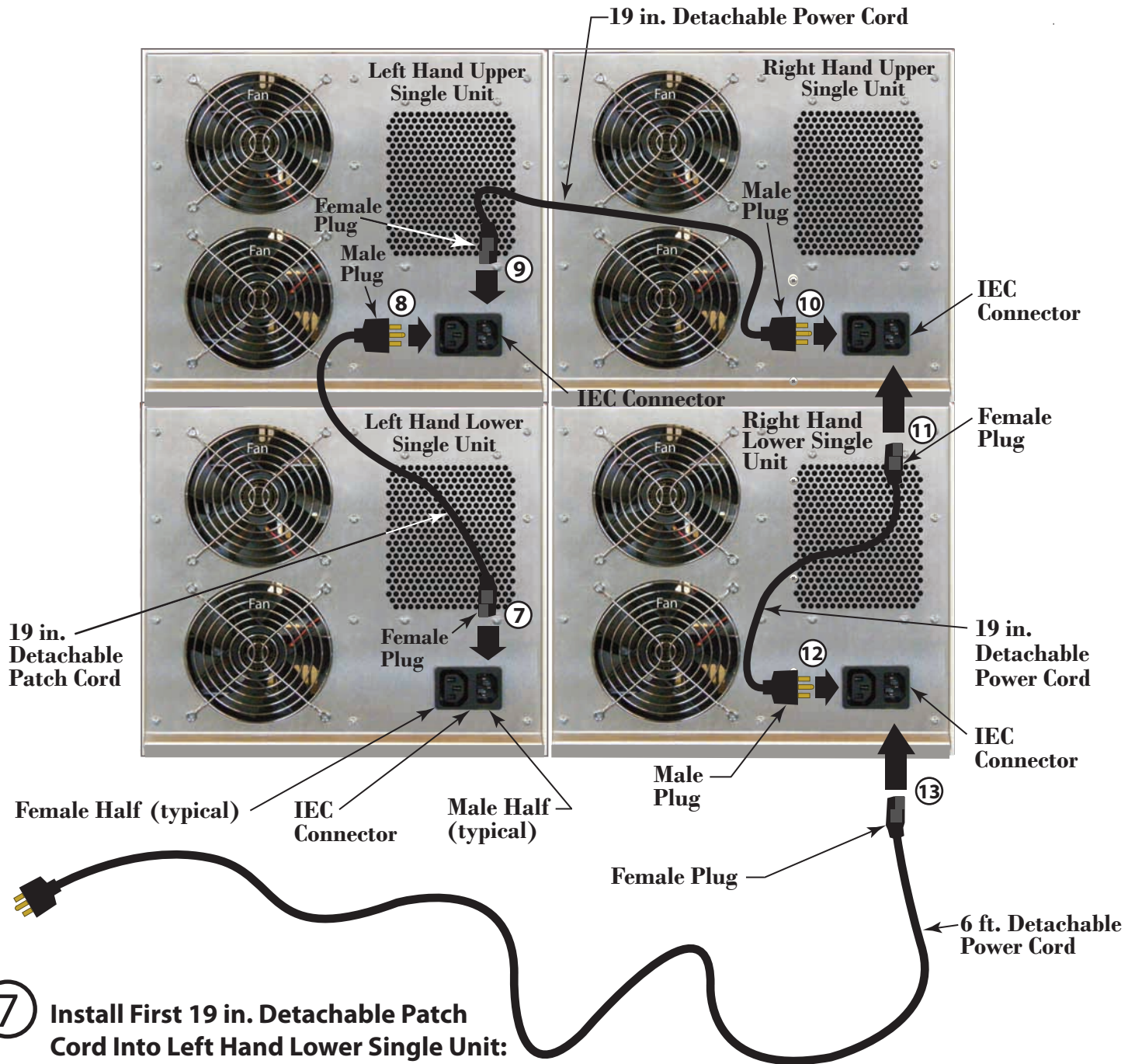
- 5 Slide Upper Single Unit Backward:** Slide the Upper Single Unit backwards until the Front Flange Lip of the Upper Single Unit engages the Underside of the Front Upper Edge of the Lower Single Unit. Ensure the Rear Flange Lip of the Upper Single Unit stays engaged with the Underside of the Rear upper Edge of the Lower Single Unit during this move.



- 6 Retighten Metal Back Plate Screws:** Retighten the six (6) screws on the Metal Back Plate of the Upper Single Unit that were loosened in Step 1.

# ASSEMBLY INSTRUCTIONS

## FOUR STACK (continued)



- 7** **Install First 19 in. Detachable Patch Cord Into Left Hand Lower Single Unit:**  
 Plug the Female Plug of the first of three 19 in. Detachable Patch Cords into the Male Half of the IEC Connector on the Left Hand Lower Single Unit.
- 8** **Install Step 7 19 in. Detachable Patch Cord Into Left Hand Upper Single Unit:**  
 Plug the Male Plug of the Step 7 19 in. Detachable Patch Cord into the Female Half of the IEC Connector on the Left Hand Upper Single Unit.

# **ASSEMBLY INSTRUCTIONS**

## **FOUR STACK (continued)**

- ⑨ Install Second 19 in. Detachable Power Cord Into Left Hand Upper Single Unit:**

Plug the Female Plug of the second 19 in. Detachable Power Cord into the Male Half of the IEC Connector on the Left Hand Upper Single Unit.
- ⑩ Install Step ⑨ 19 in. Detachable Power Cord Into Right Hand Upper Single Unit:**

Plug the Male Plug of the Step ⑨ 19 in. Detachable Power Cord into the Female Half of the IEC Connector on the Right Hand Upper Single Unit.
- ⑪ Install Third 19 in. Detachable Power Cord Into Right Hand Upper Single Unit:**

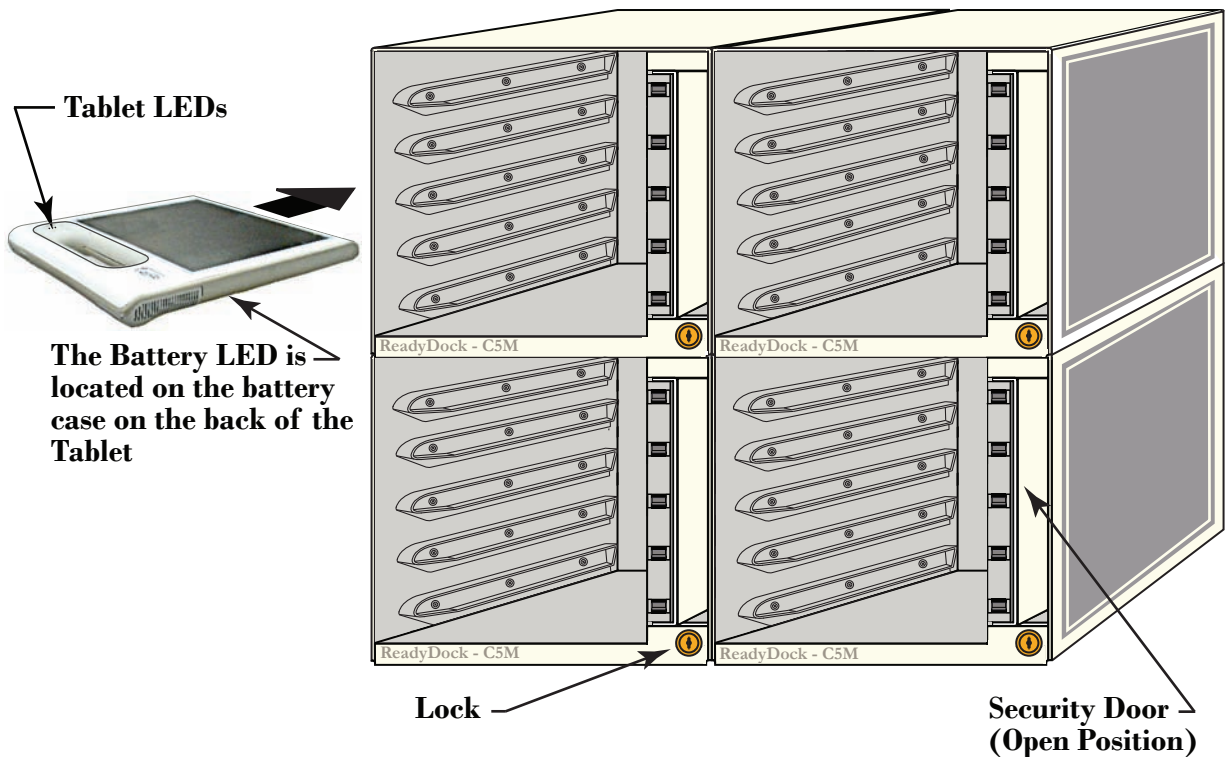
Plug the Female Plug of the third and last 19 in. Detachable Power Cord into the Male Half of the IEC Connector on the Right Hand Upper Single Unit.
- ⑫ Install Step ⑪ 19 in. Detachable Power Cord Into Right Hand Lower Single Unit:**

Plug the Male Plug of the Step ⑪ 19 in. Detachable Power Cord into the Female Half of the IEC Connector on the Left Hand Lower Single Unit.
- ⑬ Install 6 ft. Detachable Power Cord Into Right Hand Lower Single Unit:**

Plug the Female Plug of the 6 ft. Detachable Power Cord into the Male Half of the IEC Connector on the Right Hand Lower Single Unit. Plug this power cord into the most convenient 15 ampere or more outlet.

# USER INSTRUCTIONS

## (Four Stack Configuration Shown)



### To Install a Tablet:

1. Turn key in lock and open Security Door. If a lock turns stiffly, squirt a little graphite lubricant into the key slot.

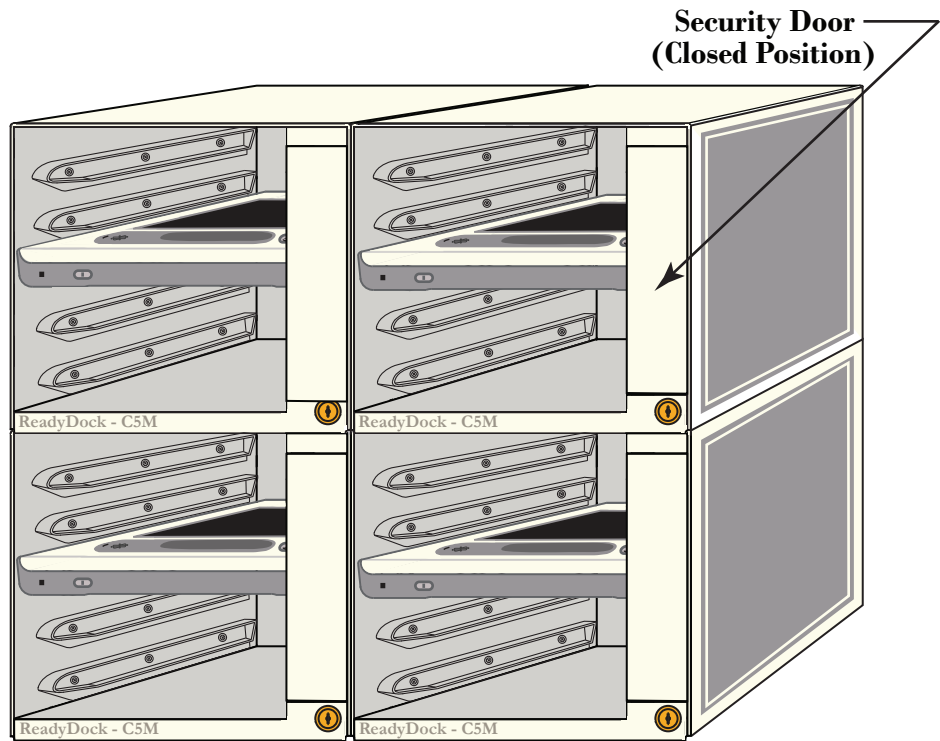
**CAUTION:** In the following Step 2, be sure not to push the tablet stylus lanyards into the ReadyDock™. Lanyards pushed into the ReadyDock™ can catch on the internal tablet retention devices.

2. Slide Tablet firmly into slot until a click is heard indicating tablet is captured by its retention device and charging.
3. The middle LED on the Tablet turns from yellow to orange during charging and turns back to yellow at "Charge Complete".
4. The Battery LED will blink green during charging and become steady at "Charge Complete".

### NOTES

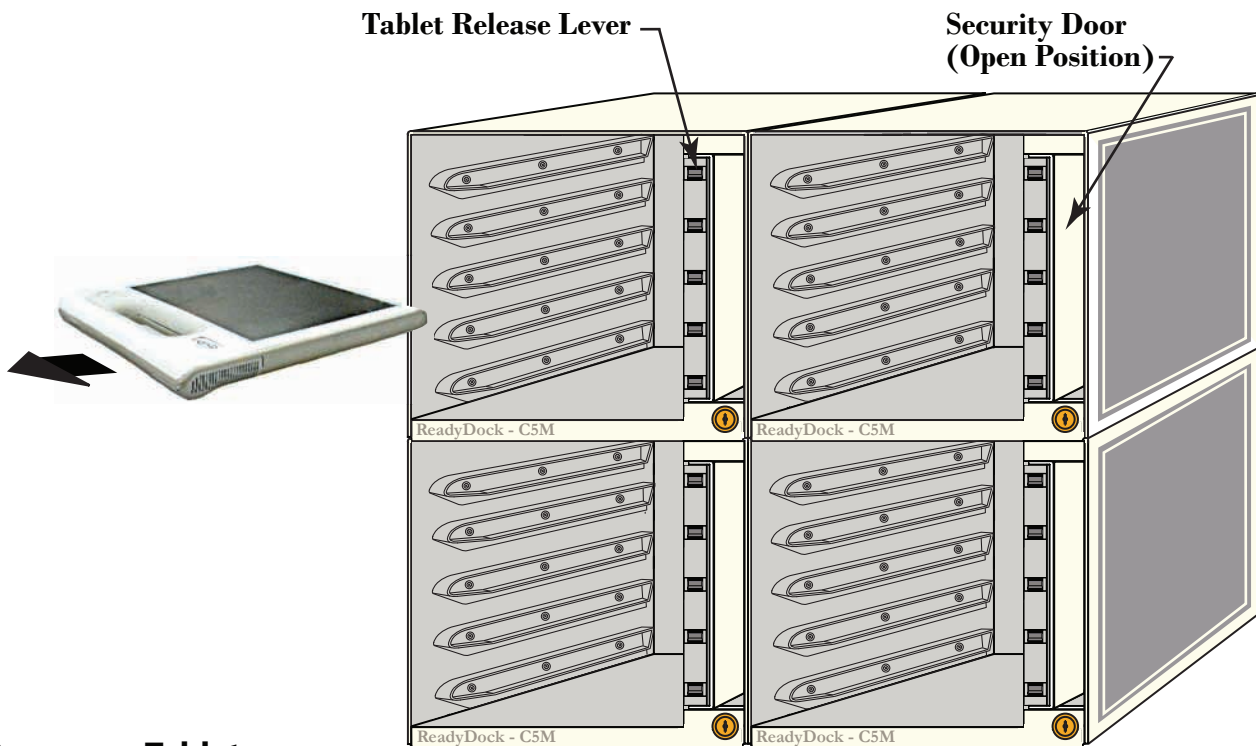
- Both Fans will be activated when from one to five Tablets, at less than full charge, are inserted into the slots and start charging.
- If the only Tablet inserted in a five bay ReadyDock™ is one with a **fully charged battery**, the Fans will not activate. The Fans activate only if charging current is sensed.
- If the only Tablet inserted in a five bay ReadyDock™ is one with a **100% discharged battery** the Fans may take up to one minute to activate due to a delay in battery charging logic initialization.

## **USER INSTRUCTIONS (continued)** **(Four Stack Configuration Shown)**



### **To Lock ReadyDock:**

Close Security Door and turn key in lock to lock the Security Door in the closed position.



### **To Remove a Tablet:**

1. Unlock Security Door with key and open door to expose the Tablet Release Levers.
2. Press Tablet Release Lever for particular Tablet to be removed and slide Tablet out.

# SPECIFICATIONS

<u>PARAMETER</u>	<u>VALUE</u>
Size	See page 4
Weight (Single Unit empty)	15.6 lbs
Weight (Single Unit with 5 tablets)	32.6 lbs
Shipping Weight	<ul style="list-style-type: none"><li>• Weight = 22 lbs</li><li>• Box Dimensions = 16.5" x 17.5" x 15"</li></ul>
Current Draw (Single Unit - 5 tablets charging)	2.1A
AC Input	100 - 120/200 - 240 VAC, 10.0A/5.0A @ 50/60 Hz This rating is based on low line voltage @ 50 Hz with a Four Stack ReadyDock connected to one line cord.
Input Connector	IEC - 320 - C14 (Male pins)
Fans	Two (2) 120 mm fans rated at 37 CFM @ 22.8dB(A)
Power Supply	<ul style="list-style-type: none"><li>• Safety: UL60950-1, CSA C22.2 No. 60950-1-03, TUV EN60950-1 and CB, CE Mark (LVD) EN61000-3-2, and IEC61000-4 Series Regulations and CB</li><li>• EMI: FCC Part 15, CISPR 22 Class B, Conducted</li></ul>
UL	<ul style="list-style-type: none"><li>• UL, cUL, CE and C-Tick certified</li></ul>
Finish	<ul style="list-style-type: none"><li>• Painted surfaces are powder coated with Lexan overlays</li><li>• Metal finish is clear Iridite</li></ul>
Fuses	<ul style="list-style-type: none"><li>• 3.15 amp, 5mm x 20mm Slow-Blow Fuse(s)</li></ul>