

# Valta User manual (support page)

## Section 3: VALTA Starter Kit

### Section 3.1: Valta starter kit package contents

Thank you for purchasing the Valta starter kit. Each package contains the following:

- 1 v-Hub
- 1 AC Power Adaptor (for v-Hub)
- 1 Ethernet Cable (for v-Hub)
- 2 Valta Sockets

### Section 3.2: IMPORTANT SAFETY INSTRUCTIONS

Please read the following safety and operating instructions before using the product and retain for future reference.

For v-Hub



**WARNING:** Use only indoors and in dry locations.

- Do not use this equipment (v-Hub) and all related accessories near or under water, for example, near a bathtub, wash bowl, kitchen sink or laundry tub, in a wet basement, near a swimming pool, under the rain, aquariums, do not plunge any parts in water or any other liquid.
- Use only indoors and in dry locations.



**SAFETY IMPORTANT:** When using Valta v-Hub device, basic safety precaution should always be followed to reduce the risk of fire, electric shock, damage to equipment, loss of property, server injury to persons or even loss of life, including the following:

- Avoid using this product during an electrical storm. There may be a remote risk of electric shock from lighting.
- Use only the Power Adapter supplied with the package, if necessary order a new replacement AC power adapter from Valta or authorized retailers using

the original model number.

- Do not insert the AC power adaptor into an extension cord, receptacle or outlet unless the prongs can be fully inserted, failure to do so may cause electric shock or excessive heat resulting in a fire.
- Plug AC power adaptor directly to a proper grounded wall outlet.
- Do not overload power outlet and extensions cords, otherwise it can result in fire or serious electrical shock.
- To prevent overheating, situate the product away from heat sources such as radiators, heat registers, stoves, or other fixtures, appliances and products that produce heat.
- Unplug with caution the product from power outlets if it emits smoke, an abnormal smell or make unusual noise. These conditions may cause fire or electrical shock.
- Do not remove the cover or disassemble any components of this product. This product contains no user-serviceable parts.
- Unplug the product from the power outlet before cleaning. Do not use liquid or if aerosol cleaners, use a damp cloth or a microfiber cloth for cleaning.
- This product should never be placed near or over radiator or heat register, nor in any area where proper ventilation is not provided.
- Do not allow anything to rest on the v-Hub device, its power cord, or power adapter.
- Do not install the product where its power cord may be walked or stumbled on.
- Unplug the power from power outlet if the power adapter cord or power adapter prongs are damaged or frayed, if liquid has been spilled onto the product, if the product has been exposed to rain, water or any other liquid, if the internal components of the v-Hub or its power adapter are exposed.
- The power supply adapter is intended to be correctly oriented in a vertical or floor mount position, the prongs are not designed to hold the power adapter in place if it is plugged upside down, for example do not use facing down outlets on a ceiling, under a table or in a cabinet.
- The equipment and accessories must be operated only for its intended use and not for any other purposes.

For Valta Socket

## CAUTION



### SOCKET IS FOR INDOOR USE ONLY!



To reduce the risk of electric shock, this product (socket) has a grounding type pin plug. This plug will only fit into grounding type power outlet. If the plug does not fit into the outlet, contact a qualified electrician to install the proper outlet.

DO NOT open the cover and change user serviceable parts inside in any way. Any modification or use different from described may cause damage to the socket and will void the warranty.

#### Warning:

**TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT  
EXPOSE THIS SOCKET TO RAIN OR MOISTURE.**



#### **Warning: Power Sources**

DO NOT plug your Valta Socket into a power outlet that differs from the source indicated for safe use on the Valta Socket. If you are uncertain of the type of electrical power supplied to your home, please consult your local power company.



#### **Warning: Earthing and Polarization**

Your Valta Socket has a three-wire earthing-type AC plug (a three-prong plug). This Socket is designed to be inserted into an earthing-type outlet only and will fit into the power outlet only ONE way. This is a safety feature. If you are unable to plug your Valta Socket directly and/or fully into your wall outlet, DO NOT attempt to force it in. NEVER attempt to dismantle the Socket in any way (or to alter an extension cord) to make it fit into a two-prong wall socket. DO NOT attempt to defeat the safety purpose of the earthing feature by using a three to two prong adapter. Instead, contact a local licensed electrician to install the proper polarized wall outlet.

**Warning: Proper Earthing**

This Valta Socket can ONLY plug into a properly earthed wall outlet for safety. If you are not sure if your home's electrical wiring has proper earthing, please have it checked by a qualified/licensed electrician.

**Warning: Power Adaptor Safety**

- When routing the AC power adaptor of the v-Hub, DO NOT place it near heavy foot traffic areas or pinched by items placed upon or against them.
- If your AC adaptor's tip head and/or protective jacket begins to rip or frag, exposing the internal wiring, shielding, etc., disconnect it from the power source and discontinue use of the AC adaptor immediately. See the Warranty Information section of this owner's manual for important details.

**Warning: Liquid, Rain and Moisture: Avoiding Electric Shock**

- DO NOT operate your Valta Socket near rain or water that's spilled or contained (e.g. bathtub, water bowl, kitchen sink, laundry tub, Sauna room, in a wet basement; or near a swimming pool and the like).
- NEVER spill liquid of any kind on the Socket.
- DO NOT operate your Valta Socket if liquid of any kind is spilled onto or inside the unit.

**Warning: Object Entry: Avoiding Fire or Electric Shock**

NEVER PUSH objects of any kind into your Valta Socket through openings (three-prong switch outlet) as they may touch dangerous voltage points or short-out parts that could result in fire or electric shock.

**Warning: Overloading**

DO NOT overload wall outlets or integral convenience receptacles as this can result in a risk of fire or electric shock.

**Warning: NO User Serviceable Part inside**

If, for any reason, your Valta Socket is not operating properly, DO NOT attempt to remove any parts of the unit (covers, etc) to repair as you may be exposed to dangerous voltage or other hazards. Unplug the Socket and consult the Warranty

Information section of this owner's manual for important details.



**Warning: Expose to Heat**

DO NOT expose your Valta Socket to direct sunlight or place it near wall heaters, radiators, heat registers, stoves, space heaters, or any enclosed space prone to temperature increase.



**Warning: Storm Precautions**

- In the event of lightning storm, or when it is left unattended and unused for long periods of time, you should unplug your Valta Socket from the wall outlet. This will prevent damage to the product due to lightning and power-line surges.



**Warning: Use only indoors and in dry locations.**

- Do not use Valta Socket near or under water, for example, near a bathtub, wash bowl, kitchen sink or laundry tub, in a wet basement, near a swimming pool, under the rain, aquariums, do not plunge any parts in water or any other liquid.
- Use only indoors and in dry locations.



**CAUTION: Attachments**

DO NOT use attachments such as power strips and socket splitters as they may cause hazards.



**CAUTION: Proper Cleaning**

In general, the only cleaning necessary for your Valta Socket is a light dusting. Unplug your Socket from the wall outlet before cleaning. DO NOT use any type of liquid or aerosol cleaners.



**CAUTION: Damage Requiring Repair**

STOP using your Valta Socket and unplug it from the wall outlet immediately when you encounter one or more of the conditions below:

- When the Socket is damaged

- If liquid has been spilled, or objects have fallen into the product
- If the product has been exposed to rain or water
- If the product does not operate properly by following the operating instructions
- If the product has been damaged in any way
- When the product exhibits a distinct change in performance – this indicates a need for repair.



#### **IMPORTANT NOTES: Safety Instructions**

- The operating voltage is limited. Maximum operating voltage is 120Vac. DO NOT use the unit with other operating voltages.
- The maximum output current is 15A.
- To reduce the risk of electric shock, DO NOT removes cover.

### **Section 3.3: v-Hub Specifications**

## v-Hub



1. **LED indicator/Blue LED:** Indicates the v-Hub is currently online and working properly.
2. **Power connector/Green LED indicator:** Indicates the v-Hub is currently turned on.
3. **Internet port:** connect v-Hub to your router.

4. **Reset button:** the v-Hub will go back to factory setting once you press and hold this button for 4 seconds.

## **FEATURES**

1. One v-Hub can be paired with up to 16 Sockets.
2. Socket has maximum range of 150 feet.
3. Low energy usage.

## **Technical Specification**

### Operating Specification

Input power: DC 5V@ 1A

Power consumption: 1.0 watt (min.)/ 1.75 watt (max.)

Product dimensions: 92.8mm (W) x 98.3mm(H) x 24.3mm (D)

Product weight: Around 120g

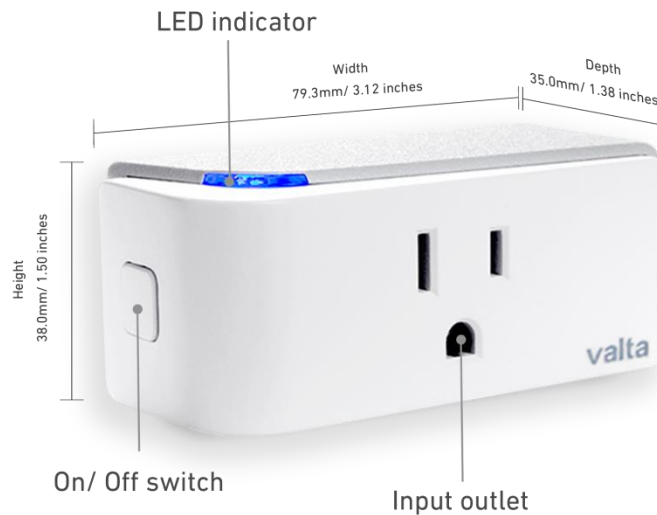
Signal (Frequency): 921MHz

### Environment conditions

- Indoor use only.
- Altitude up to 2000m.
- Temperature 5°C to 40°C.
- Maximum relative humidity 80 % for temperatures up to 31°C decreasing linearly to 50 % relative humidity at 40°C.

## **Section 3.4: Valta Socket Specifications**

# Socket



1. **ON/ OFF switch:** This switch turns the Socket on and off to connect and discontinue power supply of the plugged device respectively.
2. **LED indicator/ Blue color:** Indicates the Socket is currently online and working.
3. **Single three (3) prong, switch input outlet.**

## TECHNICAL SPECIFICATIONS

### Operating Specifications

Electrical rating: 120V/15A/60Hz/1800W

Input outlet: NEMA 5-15 (15 A/125 V earthed) (Type B)

Power consumption: 0.6Watt (min.)/1.1 Watt (max.)

Product dimensions: 79.3mm (W) x 38.0mm(H) x 35.0mm(D)

Product Weight: Around 100g each

Signal (Frequency): 921MHz

### Environment conditions

- Indoor use only.
- Altitude up to 2000m.
- Temperature 5°C to 40°C.
- Maximum relative humidity 80 % for temperatures up to 31°C decreasing



linearly to 50 % relative humidity at 40°C.

- MAINS supply voltage fluctuations up to  $\pm 10$  % of the nominal voltage.
- Pollution Degree 2.

### **Section 3.5: Product certification**

Valta v-Hub and Sockets are certified to comply with applicable FCC/IC rules and regulations governing RF and EMI emissions, and compliance with ETL product safety standards.

ETL control no# (For Socket) 4008976

- CONFORMS TO ANSI/UL STD. 61010-1
- CERTIFIED TO CAN/CSA-C22.2 No. 61010-1

FCC certification no# 2ABAV0103001 (For v-Hub)/2ABAV0203001 (For Socket)

IC certification no# 11561A-0103001 (For v-Hub)/11561A-0203001 (For Socket)

Valta is not responsible for any interference caused by unauthorized modifications to Valta v-Hub and Socket. Such modifications could void the user's authority to operate this equipment.

### **Federal Communications Commission (FCC) Notice**

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Warning: Changes or modifications to the units not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

1. Reorient or relocate the receiving antenna.
2. Increase the separation between the equipment and receiver.
3. Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
4. Consult the dealer or an experienced radio/TV technician for help.

### **Industry Canada (IC) Notice**

This device complies with Industry Canada Licence-exempt RSS-210. Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

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