

## KEY FEATURES

### Surge Protection with Fireproof MOVs

Advanced Ceramic MOV technology reduces risk of fire from surges.

### Surge Disconnect

In the event of a catastrophic surge event, this WattBox<sup>™</sup> component will sacrifice itself and permanently disconnect AC Power.

### Noise Filtration

Eliminates AC noise to improve picture and sound quality.

### Child Safety Shutters

Prevents unwanted contact with outlets when exposed.

## WELCOME TO WATTBOX<sup>™</sup>

WattBox<sup>™</sup> power products are designed specifically to provide customers with advanced protection for their valuable electronics and Custom Integrators with maximum flexibility for installation. Rest assured that WattBox<sup>™</sup> products will deliver the protection and safety for your customers' needs. This WattBox<sup>™</sup> product is UL certified and built with the highest quality components available, such as Fireproof MOVs.

WattBox<sup>™</sup> is the ideal choice for Custom Integrators who demand reliability, safety, and flexibility when installing power products for their valued customers.

## PACKAGE CONTENTS

- (1) WB-200-IW-2
- (4) Mounting Screws
- (3) Wire Nuts

## REQUIRED WIRING

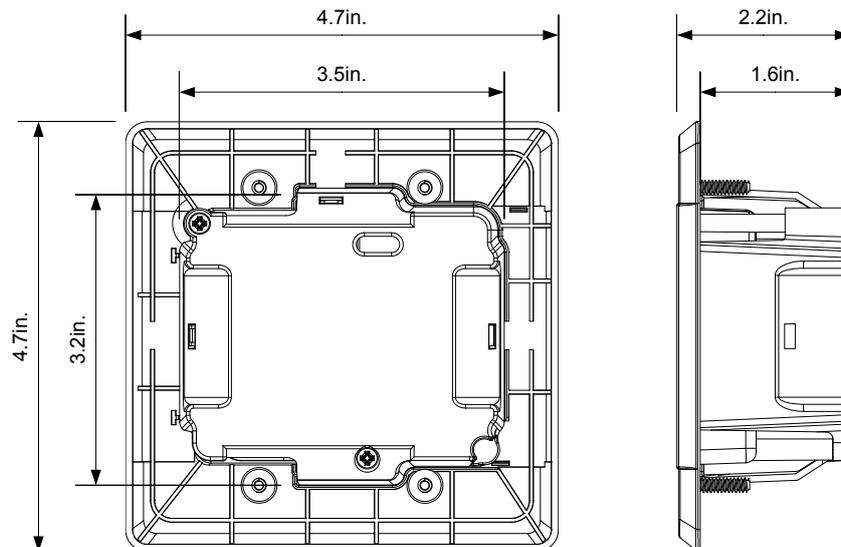
We recommend the use of 12/2C or 14/2C IN-DOOR building electrical wire to connect to the WB-200-IW-2. All wiring should be performed by a licensed electrician. Verify with your electrician that the building electrical wire run to the location of the WB-200-IW-2 meets or exceeds 12/2C or 14/2C IN-DOOR.

## TOOLS REQUIRED

- Phillips head and flat blade screw driver
- Wire-stripper
- Needle Nose Pliers
- Electrical Outlet Tester

## IMPORTANT: BEFORE YOU BEGIN!

- Check with your local building jurisdiction as to permit, license or code requirements for installing wire or outlets within a wall. Some municipalities require an electrical inspection for modification of electrical work. We recommend all modifications or alterations of existing or new electrical work to be inspected by a licensed electrical inspector.
- Install this product to meet National Electrical Code and/or State and Local Building Code requirements for installing electrical building wire and outlets as a single EXTENSION CIRCUIT, without modification or alteration to the building electrical circuit/wiring system. Installation Code Compliancy is the responsibility of user and or installer, and not of the Manufacturer or its agents.
- Manufacturer is not liable for damages due to improper installation methods not followed herein or as required by national electrical or local building code. It is strongly recommended that a qualified professional should install this product. The WB-200-IW-2 was designed for New Construction and fits most boxes available. Fitting into Retro boxes is limited, however these types of boxes can be used if the design of the box is greater than the internal dimensions indicated in the Unit Dimensions diagram.



External Dimensions	4.7" H x 4.7" W x 2.3" D
Internal Dimensions	3.2" H x 3.5" W x 1.6" D

## FRONT PANEL

### 1. Grounded Indicator LED

*Green:* WattBox Power Conditioner is grounded.

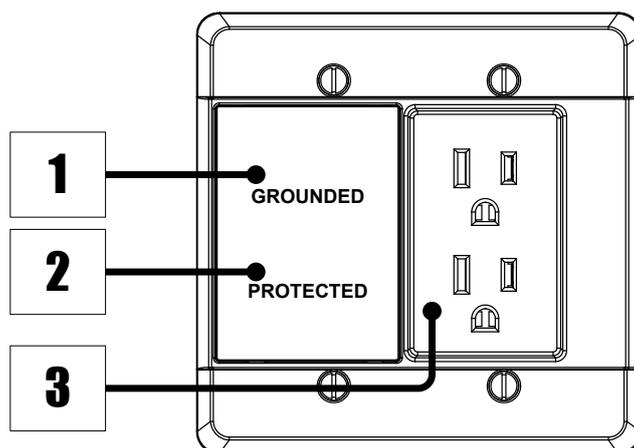
*Off:* Incoming AC outlet is not grounded and requires inspection by an electrician.

### 2. Protection Indicator LED

*Green:* WattBox is powered on and outlets are protected.

*Off:* WattBox is not powered on, or the Surge Protection circuitry has engaged, removing power from the outlets.

### 3. Outlets (Always On)



## INSTALLATION

**! Important Note:** Before beginning the installation, turn the AC circuit to the location for the WB-200-IW-2 OFF. Connecting while power is present is not recommended and can cause an unsafe condition.

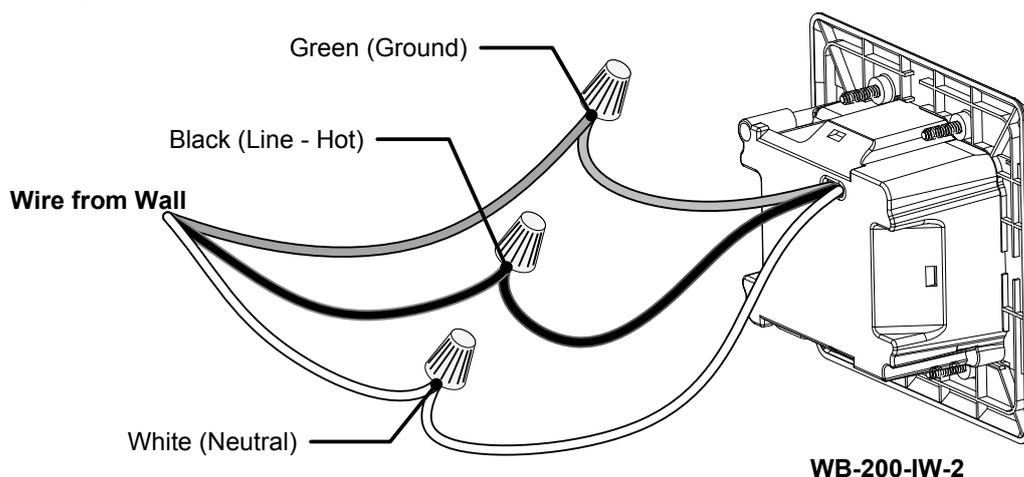
1. Install a Double Gang outlet box (not included) in the desired location for the WB-200-IW-2.
2. Run a minimum of 14/2C IN-DOOR building electrical wire through the rear opening of the outlet box. Leave about 3 inches of wire extending out of the box.
3. Verify that the AC circuit to the location is OFF.
4. Strip 1/4 -inch off each of the three ROMEX® wires and three wires on the rear of the WB-200-IW-2.
5. Using wire nuts, connect the three electrical wires to the WB-200-IW-2.

*Green:* Ground

*Black:* Line – Hot

*White:* Neutral

**Note:** This wire may be gray or bare wire on the electrical wires.



6. Push excess electrical wire back through the rear opening of the BLUE workbox and make sure to have the wire nuts all the way into the back.
7. Place the WB-200-IW-2 into the workbox and screw securely into place with the supplied screws.
8. Turn the AC circuit ON; the Grounded and Protected LEDs will illuminate GREEN.

## **IMPORTANT SAFETY INSTRUCTIONS**

Read and observe the following safety points at all times:

### **WARNING – TO REDUCE THE RISK OF FIRE OR ELECTRICAL SHOCK, DO NOT EXPOSE THIS EQUIPMENT TO RAIN OR MOISTURE**

### **WARNING – POWER SOURCES**

- The WB-200-IW-2 is rated for use with only 125 volt / 15 amp circuits.
- Install with a minimum of 14 AWG building (e.g. Romex®) electrical wire.
- Do not overload wall outlets as this can result in a risk of fire or electric shock.

### **WARNING - REPAIR**

- Do not attempt to service the WB-200-IW-2. Refer all servicing to qualified service personnel. Servicing is required when the WB-200-IW-2 has been damaged in any way, such as being exposed to rain or moisture, or LEDs do not illuminate when connected to main electrical service.
- No User Serviceable Parts Inside. If, for any reason, your WB-200-IW-2 is not operating properly, do not attempt to open casing for repair. Turn off the circuit breaker feeding electric power to the outlet and consult this owner's manual for warranty and service information.
- When replacement is required, be sure the service technician is a licensed electrician.
- Upon completion of any service, ask the electrician to perform safety checks to determine that the product is in proper operating condition prior to use.
- If you have any difficulty operating the WB-200-IW-2, refer to the warranty information contained in this owner's manual.

### **WARNING – LIQUID: AVOIDING ELECTRICAL SHOCKS**

Do not operate the Component if liquid of any kind is spilled onto or inside the unit. Do not operate the Component near rain or water that's spilled or contained (e.g. sink or bathtub).

### **WARNING – NO USER SERVICEABLE PARTS INSIDE**

If, for any reason, the Component is not operating properly, do not remove any part of the unit (cover, etc.) for repair. Contact an authorized WattBox dealer for information on service and repairs. Please consult the Warranty Information section of this owner's manual for important details.

### **CAUTION – EXPOSURE TO HEAT**

Do not expose the Component to direct sunlight or place it near wall heaters, space heaters, or any enclosed space prone to temperature increase.

### **CAUTION – PROPER CLEANING**

In general, the only cleaning necessary for the Component is a light dusting. Unplug the Components from the WB-200-IW-2 outlets before cleaning it. Do not use any type of liquid or aerosol cleaners.

## TROUBLESHOOTING

Symptom	Possible Cause	Remedy
No power to devices plugged into the WB-200-IW-2.	WB-200-IW-2 is not receiving power.	<ul style="list-style-type: none"> <li>• Verify that the circuit breaker on electrical panel has not been tripped and is ON.</li> <li>• Check the in wall wiring for proper connection.</li> </ul>
	Circuit breaker has been tripped.	<ul style="list-style-type: none"> <li>• Reset the circuit breaker.</li> <li>• If breaker continues to trip, the connected devices may be drawing too much current or there is a short in the wiring.</li> <li>• Unplug 1 device at a time and reset the breaker.</li> <li>• Check the in wall wiring for a short.</li> </ul>
Protected LED turns off and connected devices not receiving power.	WattBox internal surge protecting is inoperative, indicating that multiple over voltages have been received and the WattBox has shutdown to protect connected devices.	<ul style="list-style-type: none"> <li>• Unplug connected devices and contact your dealer for service.</li> </ul>

## SPECIFICATIONS

<b>Outlets</b>	
Type	NEMA 5-15
Number of Outlets	2
<b>AC Power</b>	
Line Voltage	120V, 60Hz
UL Current Rating	15A
Voltage Protection Rating (UL 1449 3rd Edition)	500V
Joule Rating	1080 Joules
Surge Component	Ceramic Encased MOV
Protection Modes	L-N, L-G, N-G
Peak Impulse Current	72,000A
Disconnect Circuitry	Yes
Thermal Fuse	Yes
<b>EMI / RFI Noise Filtration</b>	
All Outlets	53 dB, 150kHz to 100MHz
UL Certifications	UL 498          UL 1449
Dimensions (External)	4.7" H x 4.7" W x 2.3" D
Dimensions (Internal)	3.2" H x 3.5" W x 1.6" D
Connected Equipment Warranty	\$5,000

## WARRANTY

### SnapAV Surge Protector Lifetime Product Warranty

SnapAV warrants to the purchaser of any standard SnapAV surge protector that the surge protector shall be free of defects in design, material, or workmanship, and SnapAV will repair or replace any defective unit. For product replacement, see "NOTIFICATION" below.

### Lifetime Replacement Policy

Valid only in the United States and Canada. If your SnapAV surge protector becomes damaged while protecting your connected equipment, you may request an equivalent replacement to the latest technology of that product category. Keep a copy of the original invoice to verify the product belongs to the original purchaser.

### Warning Notice

### WARRANTY LIMITATION FOR INTERNET PURCHASERS:

SnapAV products purchased outside of the SnapAV internet website do not carry a valid Connected Equipment Protection Policy unless purchased from an Authorized SnapAV Dealer.

**CAUTION:** Audio/Video, computer and/or telephone system installations can be very complex systems, which consist of many interconnected components. Due to the nature of electricity and surges, a single protector may not be able to completely protect complex installations. In those cases, a systemic approach using multiple protectors must be employed. Systemic protection requires professional design. AC power, satellite cables, CATV cables, or telephone/network lines entering the system that do not pass through this surge protector will render the SnapAV connected equipment protection policy null and void. For additional information on how to protect your system, please contact SnapAV before connecting your equipment to the surge protector.

### SnapAV Surge Protector Connected Equipment Protection Policy

Valid only in the United States and Canada. It is the policy of SnapAV that it will, in its sole discretion, replace, pay to replace at fair market value, or pay to repair, up to the dollar amount specified below, equipment that is damaged by an AC power, cable, telephone, or lightning surge while connected to a properly installed SnapAV surge protector. SnapAV must determine that the surge protector shows signs of surge damage or is operating outside of design specifications, relative to its surge protection capability, and under all of the circumstances failed to protect your connected equipment.

### THIS POLICY IS SUBJECT TO THE CONDITIONS BELOW:

#### 1. PROOF OF PURCHASE REQUIRED:

SnapAV's connected equipment policy extends to the original purchaser of the SnapAV product only and is non-transferable. Original purchase receipts must accompany any product return or claim for connected equipment damage.

#### 2. PROPER INSTALLATION:

SnapAV AC protectors must be directly plugged into a properly grounded 3-wire AC outlet. Extension cords, non-grounded two prong adapters, or other non-SnapAV surge products must not be used. Building wiring and other connections to protected equipment must conform to applicable codes (NEC or CEC). No other ground wires or ground connections may be used. All wires (ie.g., AC power lines, telephone lines, signal/data lines, coaxial cable, etc.) leading into the protected equipment must first pass through a single Sna AV protector designed for the particular application. The protector and the equipment to be protected must be indoors in a dry location, and in the same building. SnapAV installation instructions and diagrams must be followed.

#### 3. NOTIFICATION:

You must notify SnapAV within fourteen days of any event precipitating a request for product replacement or payment for connected equipment damage. A return authorization (RA) number must first be obtained from the SnapAV Customer Service Department at [www.snapav.com/support](http://www.snapav.com/support) before returning the protector to SnapAV. At this time, you must notify SnapAV if you believe you have a claim for damaged connected equipment.

Once you obtain a RA number, please mark the number on the bottom of the unit and pack it in a shipping carton/box with enough packing material to protect it during transit. The RA number must also be clearly marked on the outside of the carton. Ship the unit to SnapAV. Please note that you are responsible for any and all charges related to shipping the unit to SnapAV.

If connected equipment damage was indicated on your RA request, SnapAV will request the make and model of all connected equipment, a connection diagram of your system, as well as other requests based on the extent of the request for product placement or payment for connected equipment damage. All requests by SnapAV are to be completed and returned within 30 days. Be sure to note its configuration before disconnecting your equipment.

#### **4. DETERMINATION OF FAILURE:**

SnapAV will evaluate the protector for surge damage. The protector must show signs of surge damage or must be performing outside of design specifications relative to its surge protection capability. Opening the enclosure, tampering with, or modifying the unit in any way shall be grounds for an automatic denial of your request for payment. SnapAV, after evaluating all information provided, shall, in its sole discretion, determine whether or not your request is eligible for payment.

If the surge protector shows no signs of AC power or signal line surge damage and is working within design specifications, SnapAV will return the unit to you explaining the test results and notifying you of the rejection of your claim. SnapAV reserves the right to inspect the damaged connected equipment, parts, or circuit boards. SnapAV also reserves the right to inspect the customer's facility. Damaged equipment deemed uneconomical to repair must remain available for inspection by SnapAV until the claim is finalized.

#### **5. REQUEST PAYMENTS:**

Once SnapAV has determined that you are entitled to compensation, SnapAV will, at its election, pay you the present fair market value of the damaged equipment, or pay for the cost of the repair, or send you replacement equipment, or pay the equivalence of replacement equipment.

#### **6. OTHER INSURANCE/WARRANTIES:**

This coverage is secondary to any existing manufacturer's warranty, implied or expressed, or any insurance and/or service contract that may cover the loss.

#### **7. EXCLUSIONS:**

THE SNAPAV SURGE PROTECTOR EQUIPMENT POLICY DOES NOT APPLY TO: Service charges, installation costs, reinstallation costs; setup cost; diagnostic charges; periodic checkups; routine maintenance; loss of use of the product; costs or expenses arising out of reprogramming or loss of programming and/or data; shipping charges or fees; service calls; loss or damage occasioned by fire, theft, flood, wind, accident, abuse or misuse, and products subject to manufacturer's recall or similar event.

#### **8. DISPUTE RESOLUTION:**

Any controversy or claim arising out of or relating to SnapAV' Surge Protector Equipment Policy, or the alleged breach thereof, shall be settled by arbitration administered by the American Arbitration Association under its Commercial Arbitration Rules. You may file for arbitration at any AAA location in the United States upon the payment of the applicable filing fee. The arbitration will be conducted before a single arbitrator, and will be limited solely to the dispute or controversy between you and SnapAV. The arbitration shall be held in any mutually agreed upon location in person, by telephone, or online.

Any decision rendered in such arbitration proceedings will be final and binding on each of the parties, and judgment may be entered thereon in a court of competent jurisdiction. The arbitrator shall not award either party special, exemplary, consequential, punitive, incidental or indirect damages, or attorney's fees. The parties will share the costs of arbitration (including the arbitrator's fees, if any) in the proportion that the final award bears to the amount of the initial claim.

#### **9. GENERAL**

If you have any questions regarding the product warranty or the connected equipment protection policy, please contact the SnapAV Customer Service Department at [www.snapav.com/support](http://www.snapav.com/support). This warranty supersedes all previous warranties. This is the only warranty provided with the protector and any other implied or expressed warranties are nonexistent. This warranty may not be modified except in writing, signed by an officer of the SnapAV Corporation.

## **CONTACTING TECHNICAL SUPPORT**

**Phone:** (866) 838-5052 - **Email:** [Techsupport@snapav.com](mailto:Techsupport@snapav.com)

# **WATT BOX**

engineered by  
**Snap**