



# TouchVIEW™

## 433 MHz Wireless Positioning System



### Introduction

The Vaddio TouchVIEW transmits positioning requests through the air instead of hard wires, allowing greater flexibility. Position switches can now be used in any location without running cable from the switches to Vaddio's ControlVIEW™. The wireless connection can extend over 100 feet.

### Unpacking Your TouchVIEW

- Carefully remove the device and parts from the packing material.
- Set the unit on a flat, solid surface. Unpack and identify the following parts:
  - Four, single-position transmitters
  - One, receiver
  - One, eight contact female 5mm terminal block
  - One, power supply

### Setting Up Your TouchVIEW

#### TouchVIEW Receiver (see Figure 1)

The receiver outputs are connected to Vaddio's ControlVIEW or ControlVIEW Expander inputs.

- Using the terminal block, attach wires from button outputs *one* through *four* to the preset inputs on the back of the ControlVIEW.
  - Only one wire per connection, connections can not be shared with an input from another source on the ControlVIEW.
  - The outputs can be connected to any one of the twelve inputs on the ControlVIEW.
- Attach a wire from the ground (GND) connection on the receiver to a ground connection on the ControlVIEW.
- Plug the power supply into the receiver.
- Plug the other end of the power supply into a power outlet.

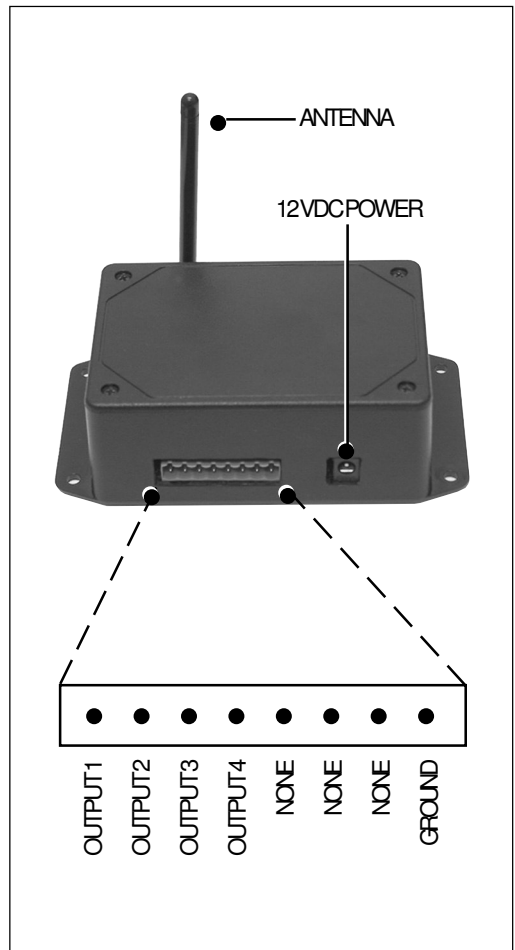


Figure 1 – TouchVIEW Receiver.



## Setting Up Your TouchVIEW (continued)

### TouchVIEW Transmitter (see Figure 2)

The transmitters send signals to the receiver to activate the connected ControlVIEW, four individual controllers for each button one through four. Use the supplied fasteners to attach the individual transmitters to a wall or other surface if desired.

#### • Individual Controllers

Push the ON button to activate the preset associated with the transmitter (the previously activated preset will be deactivated).

The OUT LED on the receiver will light when a button is activated, and the OUT connection on the back goes high (+5 VDC).

#### • Replacing the Batteries in Transmitter(s)

Using a small Phillips screwdriver, remove the screw on the back of each transmitter. Carefully pull apart the front and back from each other. Pull-up on the old battery to remove. Replace with a new CR2032 button type battery. Carefully push the front and back together, and replace the screw in the back.

### Setting a Unique Address for the TouchVIEW System

The address must be set the same on the receiver and all four of the transmitters.

#### • Receiver, Setting the Address

- 1.) Using a small Phillips screwdriver, remove the four screws on the top of the receiver.
- 2.) Carefully pull the top cover off the receiver.
- 3.) Locate the RED DIP Switches 1-8. When shipped, all of the switches will be in the OFF position.
- 4.) Set the switches to the same address as the transmitter, remember this address.
- 5.) Carefully put the top back on, and replace the screws.

#### • Transmitter(s), Setting the Address

- 1.) Using a small Phillips screwdriver, remove the screw on the back of the transmitter(s).
- 2.) Carefully pull apart the front and back of the cover.
- 3.) Locate the RED DIP Switches 1-8. When shipped, all of the switches will be in the OFF position.
- 4.) Move one or more of the DIP switches to the OFF position to make an address that is unique to this set to transmitters and receiver. Set all of the transmitters to the same address (the address that matches the one set on the receiver).
- 5.) Carefully push the front and back covers back together, replace the screw in the back.



Figure 2 – TouchVIEW transmitter.

## Operating the TouchVIEW

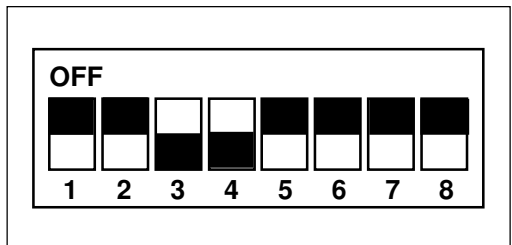


Figure 3 – TouchVIEW receiver DIP switch settings (should be the same as transmitters, see Figure 4).

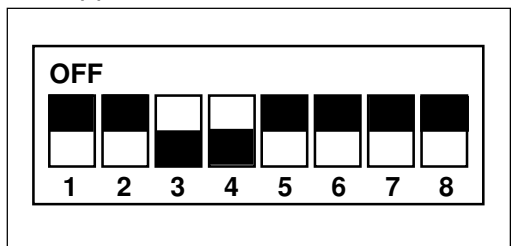


Figure 4 – TouchVIEW transmitter DIP switch settings (should be the same as receiver, see Figure 3).

## Care and Cleaning

- Do not attempt to take this device apart (other than for the reasons stated in this manual). There are no user-serviceable parts inside.
- Keep this device away from food and liquid.
- To clean the exterior, wipe with a damp cloth. Do not use abrasive chemicals.
- When necessary, replace the battery in the transmitters with CR2032 button style battery.

## Operating and Storage Conditions

- Do not store or operate this device under the following conditions:
- A temperature above 104°F (40°C) or below 32°F (0°C)
  - Environments with high humidity
  - Dusty environments
  - In inclement weather
  - Under severe vibration

## Notes

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

# Declaration of Conformity

In accordance with ISO/IEC Guide 22 and BS 7514:

Manufacturer's Name Vaddio

This product complies with the requirements of the EMC Directive 89/339/EEC.

- **Electromagnetic Emissions:**  
CFR 47: 1999 § 15.107 and § 15.109 Class B
- **Immunity:**  
EN 55024 1998

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.
- 2.) This device must accept any interference received, including interference that may cause undesired operations.

**Warning:** Changes or modifications to this unit 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:

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

Also, a class B digital device meets all requirements of the Canadian Interference-Causing Equipment Regulations.

# Warranty Information

**Warranty Information on Hardware\*** – One (1) year limited warranty on all parts. Vaddio warrants this product against defects in materials and workmanship for a period of one (1) year from the date of purchase. If Vaddio receives notice of such defects during the warranty period, Vaddio will either, at its option, repair or replace products which prove to be defective.

**Exclusions** – The above warranty shall not apply to defects resulting from: improper or inadequate maintenance by customer, customer-supplied software or interfacing; unauthorized modifications or misuse; operation outside of the environmental specifications for the product; use of incorrect power supply; or improper site operation and maintenance.

**Obtaining Warranty Service** – To obtain warranty service, products must be returned to a service facility designated by Vaddio. Customer shall prepay shipping charges for product(s) returned to Vaddio for warranty service and Vaddio shall pay for return of the product(s) to customer. However, customer shall pay all shipping charges, duties and taxes for product(s) returned to Vaddio from another country.

**Vaddio's Customer Service** – If the camera is still under warranty, Vaddio will test, repair or replace the product(s) without charge. If the camera is out of warranty, Vaddio will test, then repair the product(s) for the cost of parts and labor. Charges will be estimated by a technician and confirmed by the customer prior to repair. All camera components must be returned to be tested as a complete unit. Repair time for all cameras is a maximum of two (2) business days from receiving to outbound shipping. Vaddio will not accept responsibility for shipment after the camera has left the premises.

**Vaddio's Technical Support** – Vaddio's technicians will determine and discuss with the customer the criteria for repair costs and/or replacement. Contact Vaddio's Technical Support through one of these sources: Phone: 763-971-4400 E-mail: support@vaddio.com.

**RMA Number (Return Merchandise Authorization Number) –**

Before returning a product for repair or replacement, request an RMA number from Vaddio's Technical Support. Provide the technician with a return phone number or E-mail and a shipping address. Describe the product(s), provide serial number(s), the reason for repair or return, and the date of purchase. Include your assigned RMA number on all correspondence with Vaddio. Write your assigned RMA number on the outside of the box when you return the camera.

**Voided Warranty** – This warranty does not apply if the Vaddio serial number has been removed or if the product(s) has been disassembled or damaged through misuse, accident, modifications or unauthorized repair.

**Shipping and Handling** – Vaddio will not pay for inbound shipping, transportation or insurance charges, or accept any responsibility for loss and/or damage from inbound transit. Vaddio requires that all overseas returns are shipped via UPS. Vaddio will pay for outbound shipping, transportation and insurance charges but will not assume responsibility for loss and/or damage by the outbound freight carrier.

**Products Not Under Warranty** – Payment arrangements are required before outbound shipping for all products that are out of warranty.

\*Vaddio manufactures its hardware products from parts and components that are new or equivalent to new in accordance with industry-standard practices.



205 Westwood Ave, Long Branch, NJ 07740  
Phone: 866-94 BOARDS (26273) / (732)-222-1511  
Fax: (732)-222-7088 | E-mail: sales@touchboards.com

9433 Science Center Drive, New Hope, MN 55428, Phone: 763.971-4400, FAX: 763.971.4464, www.vaddio.com