



Westek Wireless RF Remote Control System User Guide

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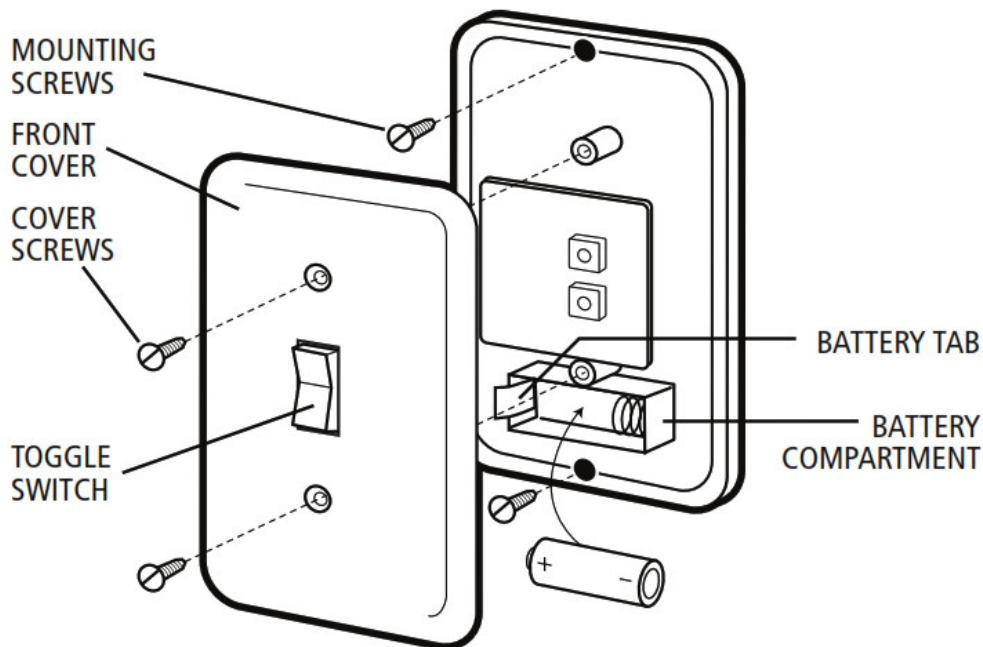
RFK100, RFK100L Wireless RF Remote Control System

Wall Mounted Switch RFA-108 and Plug-in Receiver RFA-110

This wireless Radio Frequency (RF) control is an easy, convenient way to add switched outlet convenience without any wiring or electrician needed. The invisible RF signal passes through walls, doors, ceilings, floors and even around corners. Simply plug the desired appliance into the receiver and the receiver into any outlet. The transmitter is designed to look just like an actual switch and switchplate and mounts to any surface with the enclosed screws. A press of the transmitter's toggle switch turns whatever you've plugged into the receiver on or off – just like a hardwired switch and outlet!

Channel Code Information

Three operating channels are available so you can control three separate systems at different locations in your home. Be sure to match common frequency channels, for those devices you want to be operated by the same switch.



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INSTRUCTIONS

Notes: The total load of appliances connected to the Plug-in Receiver should not exceed 1200 Watts or 10 Amps. Do not use Plug-in Receiver to control appliance loads that may be dangerous to turn on remotely (i.e. power tools).

The Plug-in Receiver must be located within 100 feet of the Wall Transmitter.

- Remove the Front Cover of the Wall Transmitter by turning the two white Cover Screws on the Front Cover counter-clockwise.
- Remove plastic Battery Tab by gently pulling it from Battery Compartment (this tab isolates the battery until it's ready for use and ensures that you'll have a fresh battery).
- Reinstall Front Cover using 2 Cover Screws. Set Wall Transmitter aside.
- Plug your light/appliance into the outlet on the Receiver being careful to match the wide blade of the light/appliance (if equipped) with the wide slot on the outlet.
- Plug the Receiver into any standard grounded 110/120 Volt outlet being careful to match the wide blade of the Receiver with the wide slot on the outlet. Fully insert.
- Before mounting your Wall Transmitter, hold your Wall Transmitter at the location where you wish to install it.
- Press Toggle Switch to determine if your light/appliance turns on and off. If your light/appliance does not respond try relocating the Transmitter or Receiver. Large metal objects such as metal doors or cabinets should not be in the way of the Wall Transmitter and Plug-in Receiver since this could decrease the range of the RF

signal.

- Once you have successfully completed this test, remove Front Cover once again and mount Wall Transmitter with two enclosed Mounting Screws. (Surfaces other than wood may require a different type of mounting hardware.)
- Replace the Front Cover of the Wall Transmitter and secure to wall switch with white Cover Screws (do not overtighten).

OPERATION

Simply press the Toggle Switch to turn the light/appliance you've plugged into the Receiver on or off.

Note: Wait at least 3 seconds after you press the transmitter on or off before you press it again. This allows for the RF signal transmission to be completed.

BATTERY REPLACEMENT

Your RFK100 battery should last 2-3 years under normal use.

To replace the battery:

- Remove the Front Cover of the Wall Transmitter by turning the two white Cover Screws on the Front counter-clockwise.
- Remove the battery from Battery Compartment and replace it with another 12Volt battery (Radio Shack™ 23, 23M, VR22, EL22 or equivalent).
- Replace Front Cover and Screw.

Caution

This device complies with Part 15 of the FCC. 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.

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

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.

Troubleshooting Guide

SYMPTOM	PROBABLE CAUSE
Light does not turn on.	<ol style="list-style-type: none"> 1. Circuit breaker or fuse is turned off. 2. Switch on lamp is turned off. 3. Bulb is defective. 4. Weak battery. 5. Lamp module or lamp is loose.
Light does not turn off.	<ol style="list-style-type: none"> 1. Transmitter signals are being blocked. Check for metal objects that could block the transmitter. 2. Switching too fast. Wait for 3 seconds between toggles. 3. Weak battery.
Light comes on randomly.	<ol style="list-style-type: none"> 1. Short-term power line failure. 2. Transmitter out of range. 3. Lamp module or lamp is loose.

SPECIFICATIONS

Receiver:RFA-110:
 120V~60Hz 10A Resistive load,
 240W tungsten lamp load
 FCC ID: XDE-RFA110
 Transmitter:RFA-108:
 Battery 12VDC, 315MHz
 FCC ID: XDE-RFA108
 Plug-in receiver for indoor use only.

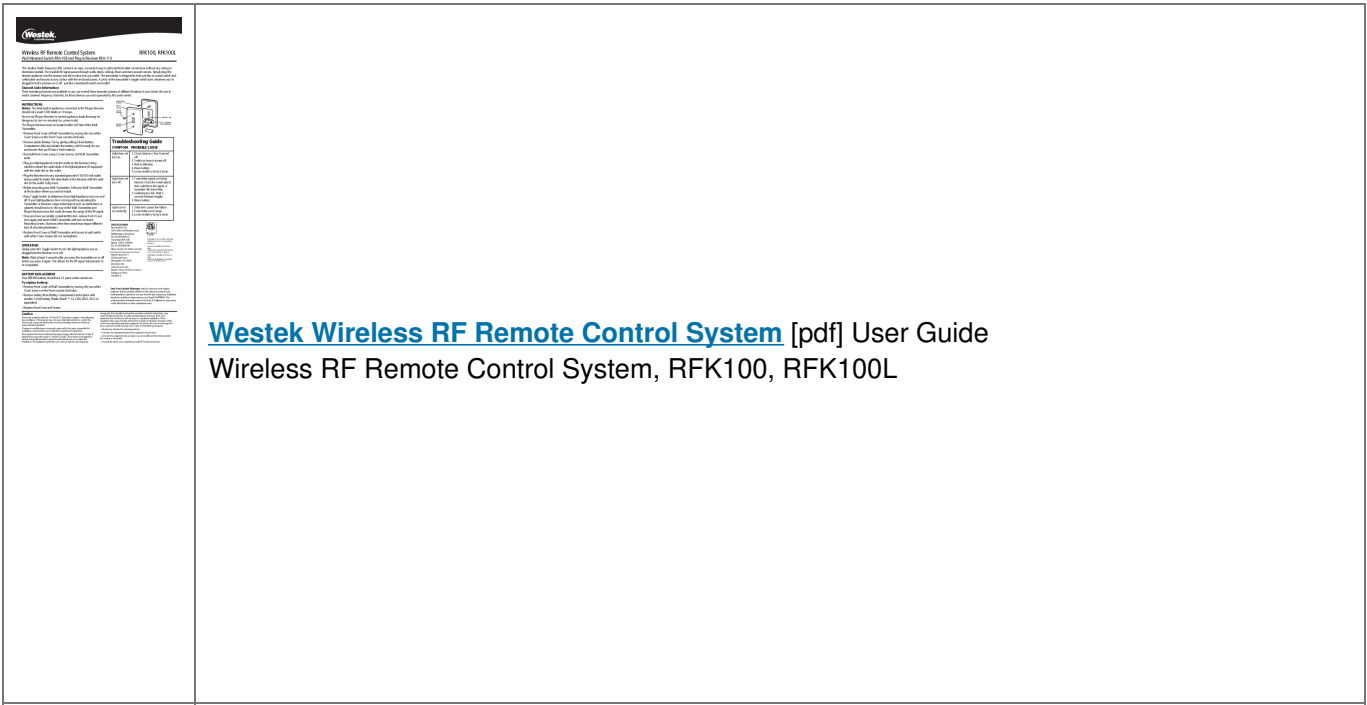


CONFORMS TO UL STD 61058-1 AND 498A
 CERTIFIED TO CSA STD C22.2 No.61058-1 AND No.42

One-Year Limited Warranty : AmerTac warrants to the original purchaser that this product will be free from defects in materials and workmanship for a period of one year from the date of purchase. Additional details are available at www.amertac.com.Prop.65

WARNING: This product contains chemicals known to the State of California to cause cancer and/or birth defects or other reproductive harm.

Documents / Resources



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Wireless RF Remote Control System, RFK100, RFK100L

References

-  [AmerTac](#)