

# Wireless Touchpad for 2-in-1 LED Dimmer

Model # DIM14REM

This Wireless Touchpad is for use only with Armacost Lighting's wireless-ready 2-in-1 LED Dimmer (Model DIM2IN1-RF-WR). It provides remote switching and dimming of low voltage LED lighting and works through walls and doors up to 100 ft. away. Using radio frequency (RF) technology, it eliminates the need to run wires from the LED lighting to the remote switch location, and is useful in projects where installing new cabling can be difficult.

Features RF pairing technology for expandability and multi-zone lighting control. This remote wireless touchpad can be paired to control and synchronize multiple dimmer receivers in the same area, or multiple touchpad/receiver sets can control different zones of lighting in the same area without cross interference.

Includes designer-style wireless touchpad and all necessary mounting screws and drywall anchors. Also includes one 12V alkaline battery (27A) (required).

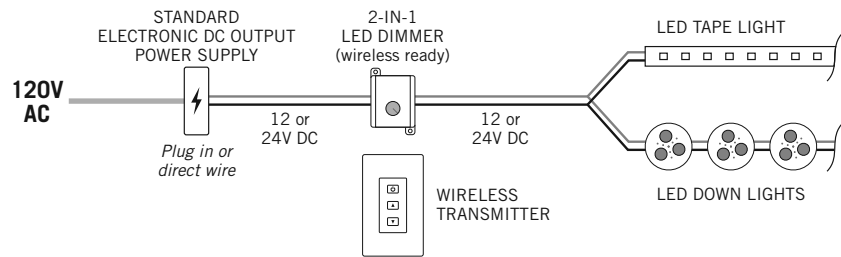
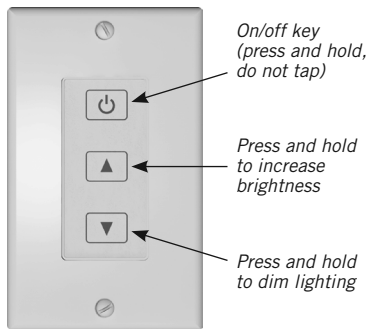
The wireless touchpad is only compatible with Armacost Lighting's wireless ready dimmer (Model DIM2IN1-RF-WR).

Units are for dry location only. If used outdoors, keep in a dry location.

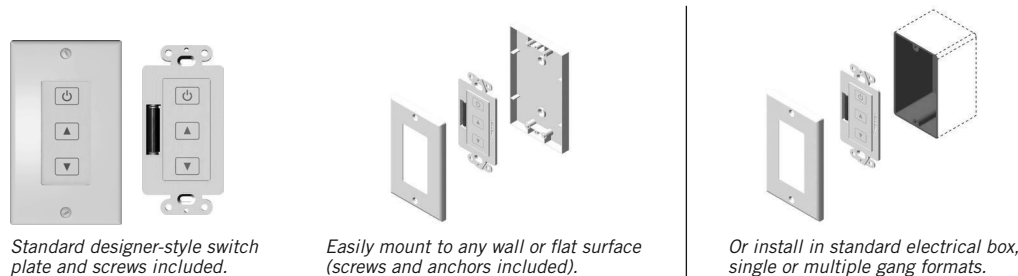
Wireless function may cease to operate properly in freezing or close to freezing environments.

Be sure the dimmer has the "wireless ready" markings as shown.

PATENT PENDING



Wireless touchpad easily surface mounts to any wall or can be installed in wall – in any standard switch box.

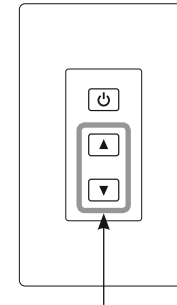


## OPERATION AND PAIRING

The Armacost Lighting wireless-ready dimmer (Model DIM2IN1-RF-WR) will need to be programmed or paired to recognize the radio frequency signal of the wireless touchpad.

Connect the wireless ready dimmer receiver unit that is to be paired to a power supply and LED lighting. Ensure the dimmer and LED lights operate properly. Have the wireless touchpad in close range to the receiver, 10 feet or closer for pairing.

1. Turn the lights off by turning the dimmer off, turn left till the dimmer clicks off.
2. Disconnect power to the dimmer by unplugging or switching off the power supply. Leave off for at least 5 seconds. You can also disconnect power by pulling out the green block connector on the dimmer.
3. Once power has been disconnected to the dimmer receiver, press and hold the **brightness up and brightness down** keys on the wireless touchpad at the same time.
4. While pressing both keys simultaneously as directed above, restore the 120V AC power to your power supply. The LED lighting should flash once to indicate successful pairing.



To test, press the on/off key of the wireless touchpad to confirm that it can, in fact, control the receiver. If not, repeat the process.

Note that you can also pair by restoring power to the power supply and within 2 seconds press the brightness up and brightness down keys simultaneously.

Depending on the lighting layout, and to reduce the need for extra wiring, it can be advantageous to have one touchpad control or be "paired" to multiple rotary knob dimmer receivers (wireless ready models only).

To add or pair more receivers, repeat the same process with additional receivers. The wireless touchpad will pass its unique code to multiple receivers.

To synchronize multiple receivers, so that all lights turn on/off and dim in unison to one touchpad, simply manually turn off all receivers with each rotary knob. Then press the power on key of the wireless touchpad. All lights should turn on at the same time.

**IMPORTANT:** Do not press any key on the wireless touchpad repeatedly or too quickly or the receivers will lose synchronization or fail to operate in unison. Also, for effective synchronization, all receivers must be within range of the single wireless touchpad.

In the event of a power outage, once power is restored to the LED lighting, the brightness will be at the level where the rotary knob on the receiver unit was last set, not the last setting on the wireless touchpad. This is also true if the lights are switched off by turning off the power supply.

## TROUBLESHOOTING

### The wireless touchpad does not work.

Be sure the wireless touchpad is in range of the receiver. Try moving the touchpad closer to the receiver. The dimmer is a radio frequency (RF) device and, as such, the range of the wireless remote control is dependent on many factors. Actual operational distance will vary based on walls and line of sight obstructions, and other nearby electronic devices.

Be sure the battery has a charge. To check battery, press the on/off button in a dark room/location. When pressed, you should see a red LED indicator light glowing from behind the surface of the touchpad. If you do not see this glowing red light, replace the battery (Alkaline 27A 12V). A battery will last from 6 months up to 3 years, depending on usage.

### The receiver may need to be paired again with your transmitter.

If the dimmer receiver is functioning properly, and the touchpad battery is fresh, yet the touchpad will not control the lighting, repeat the pairing instructions.

If you would like to purchase additional dimmer transmitters or receivers, visit the retailer where you made your purchase or visit [armacostlighting.com](http://armacostlighting.com).

## SPECIFICATIONS

Working temperature .....	40 to 130°F (4 to 55°C)
Wireless working frequency .....	433.92Mhz
Transmitter battery.....	Alkaline 27A 12V
FCC ID .....	NWKHF10008
Country of origin.....	China

Limited 1-year warranty. This product is for dry location use only. Improper installation, improper powering, abuse, or failure to use this device for its intended purpose will void warranty. Proof of purchase is required for all returns. Questions? Email [support@armacostlighting.com](mailto:support@armacostlighting.com).



This item is a Radio Frequency Device (RF), and as such the range of the remote control is dependent on many factors. Actual operational distance will vary based on walls and line of sight obstructions, and other nearby electronic devices.

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