Overview of WAV Smart Receiver Hookup Diagram

**Step 1. Connect Power Supply to Receiver**

120V Outlet
Hidden electrical outlet
Outlet (Not Switched)
Outlet commonly used: behind microwave, refrigerator, range hood, dishwasher, and under sink

Plug-In Power Supply
120 volts in
Power Supply
Converts 120V to 12V
12 volts out

**Step 2. Connect Receiver to Tape Light**

Smart Receiver and Wireless
On / Off / Dimmer
TandemLED™ Wireless
On / Off / Dimmer
AND / OR
Smart Home Hub

Connection Wire
12V

8MM-EZ Screw-down Tape Light Connector

**Step 3. Pair Receiver to Wireless Controller or Smart Home Hub**

12V TandemLED™
Tunable Multi-White
Tape Light
With 3M™ adhesive-backed tape
TandemLED™
Tunable Multi-White
LED Tape Light
197" roll (16.4 feet)
- Cut approximately every 1"
For best adhesion clean surface before adhering Tape Light

**Overview of WAV Smart Receiver Hookup Diagram**

**Tools Needed**
- Wire Strippers
- Multi-bit Screwdriver (included)
- #1 Phillips Mini Flat Head
- #2 Phillips Flat Head
- Included screwdriver bits

**Product Legend**
- EZ Connector L-8MM-EZ
- Factory installed Female Plug

**NOTE**
- DO NOT connect low-voltage LED tape light to high-voltage power.
- Do not over tighten any screws.
- Maintain polarity on all connections, Red to (+) and Black to (-).
- Maximum 32.8 feet of Tape Light can be connected together.
- For shorter lengths of Tape Light, cut with scissors at cut marks where a black line runs through 2 solder points – CUT AT DESIGNATED CUT LINES ONLY

**Pre-Installation Testing**

1. Completely unroll the LED Tape Light from the reel.
3. Turn on 120V AC power to the Power Supply. All LEDs should illuminate.
Step 1. Connect Power Supply to Receiver

NOTE: Provide receptacle for Plug-in Power Supply or use existing outlet behind the microwave, refrigerator, dishwasher, or under the sink. If using our in-line low voltage switches, sensors, or Wireless Control systems, see instructions packaged with the components.

**Plug-In Power Supply**

Insert the Male Barrel Connector on the Power Supply into the Female Plug Cable on the Receiver.

**Waterproof Hardwired Power Supply**

Insert Red wire from Power Supply to (V+) on WAV Smart Receiver and Black Wire from Power Supply to (V-).

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Step 2. Connect Receiver to Tape Light with 8MM-EZ Connector

1. Cut a length of connection wire to run from Receiver to Tape Light location. Strip 1/4” insulation from both ends of wire, twist each wire, and fold stripped wires in half.

2. Use #2 Phillips to loosen screw and remove cover from WAV Smart Receiver. Use the flat head from the multi-bit screwdriver to loosen one terminal marked (CW-) and one marked (WW+).

3. Insert one end of stripped wires into WAV Smart Receiver LED Terminals, Red wire to (WW+) and Black wire to (CW-) terminals. Tighten screws.

4. Use #1 Phillips to loosen the 4 terminal screws on 8MM-EZ Connector. Peel 1/2” of the adhesive protector from back of LED tape light, and scrape waterproof coating, insert into connector, evenly tighten screws. Insert wires from WAV Smart Receiver into terminals, Red wire to (+ or WW) side of tape, Black wire to (- or CW) side of tape; tighten screws.

5. Turn on 120V AC to Power Supply and pair WAV Smart Receiver to Controller.

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Step 3. Pair Receiver to Wireless Controller

Pairing Instructions – if pairing to a Smart Home Hub, visit www.Vimeo.com/Channels/WAVSmartControl

1. Remove Controller from back plate, slide battery compartment open, remove battery, and discard clear plastic tab. Reinsert battery, replace cover.

2. If setting WAV Smart Receiver up for the first time, clear the memory by pressing and holding the “Prog” button until the lights blink twice. When pairing the WAV Smart Receiver, you DO NOT need to clear the memory each time. Follow Step 3 to pair.

3. Very quickly, click and release the “Prog” button and, within 5 seconds, quickly click and release the “On Light Bulb” button on the Controller. When lights blink once, Controller and Receiver are paired.

**NOTE:** when pairing additional controllers to the same receiver, DO NOT clear the memory.
Overview of WAV Smart Receiver Hookup Diagram

**Step 1.** Connect Power Supply to Receiver

**Step 2.** Connect Receiver to Tape Light

**Step 3.** Pair Receiver to Wireless Controller or Smart Home Hub

### Tools Needed

- **Wire Strippers**
- **Multi-bit Screwdriver (Included)**
- **#1 Phillips**
- **#2 Phillips**
- **Mini Flat Head**
- **Included screwdriver bits**

### Product Legend

- **EZ Connector**
- **L-8MM-EZ**
- **Factory installed Female Plug**

### NOTE

- **DO NOT** connect low-voltage LED tape light to high-voltage power.
- Do not over tighten any screws.
- Maintain polarity on all connections, Red to (+) and Black to (-).
- Maximum 32.8 feet of Tape Light can be connected together.
- For shorter lengths of Tape Light, cut with scissors at cut marks where a black line runs through 2 solder points – **CUT AT DESIGNATED CUT LINES ONLY**

### Pre-Installation Testing

1. Completely unroll the LED Tape Light from the reel.


3. Turn on 120V AC power to the Power Supply. All LEDs should illuminate.

Step 1. Connect Power Supply to Receiver
NOTE: Provide receptacle for Plug-in Power Supply or use existing outlet behind the microwave, refrigerator, dishwasher, or under the sink. If using our in-line low voltage switches, sensors, or Wireless Control systems, see instructions packaged with the components.

**Plug-In Power Supply**

Insert the Male Barrel Connector on the Power Supply into the Female Plug Cable on the Receiver.

**Waterproof Hardwired Power Supply**

Insert Red wire from Power Supply to (V+) on WAV Smart Receiver and Black Wire from Power Supply to (V-).

Step 2. Connect Receiver to Tape Light with 8MM-EZ Connector

1. Cut a length of connection wire to run from Receiver to Tape Light location. Strip 1/4" insulation from both ends of wire, twist each wire, and fold stripped wires in half.

2. Use #2 Phillips to loosen screw and remove cover from WAV Smart Receiver. Use the flat head from the multi-bit screwdriver to loosen one terminal marked (CW-) and one marked (WW+).

3. Insert one end of stripped wires into WAV Smart Receiver LED Terminals, Red wire to (WW+) and Black wire to (CW-) terminals. Tighten screws.

4. Use #1 Phillips to loosen the 4 terminal screws on 8MM-EZ Connector. Peel 1/2" of the adhesive protector from back of LED tape light, and scrape waterproof coating, insert into connector, evenly tighten screws. Insert wires from WAV Smart Receiver into terminals, Red wire to (+ or WW) side of tape, Black wire to (- or CW) side of tape; tighten screws.

5. Turn on 120V AC to Power Supply and pair WAV Smart Receiver to Controller.

**NOTE:** when pairing the WAV Smart Receiver to a Smart Home Hub, make sure in the app for the smart home device, the Kelvin temperature is tuned to the warmed white to ensure full brightness.

Step 3. Pair Receiver to Wireless Controller

**Pairing Instructions – if pairing to a Smart Home Hub, visit www.Vimeo.com/Channels/WAVSmartControl**

*Note: Smart Home App must be used to turn Kelvin temperature to warmest white to ensure full brightness.*

1. Remove Controller from back plate, slide battery compartment open, remove battery, and discard clear plastic tab. Reinsert battery, replace cover.

2. If setting WAV Smart Receiver up for the first time, clear the memory by pressing and holding the “Prog” button until the lights blink twice. When pairing the WAV Smart Receiver, you DO NOT need to clear the memory each time. Follow Step 3 to pair.

3. Very quickly, click and release the “Prog” button and, within 5 seconds, quickly click and release the “On Light Bulb” button on the Controller. When lights blink once, Controller and Receiver are paired.

**NOTE:** when pairing additional controllers to the same receiver, DO NOT clear the memory.