

ADVANCED OPERATION




Groups

You can use the Group feature to control multiple Miro wireless fan controls from one location. Binding the fan controls together in the same Group enables them to work in exactly the same way, from any of the control locations.



You can also Group one or more Miro DRD8 Wireless Multilocation Controllers with a single fan control to control one fan circuit from multiple locations.


You can include other Miro wireless devices in the Group. Just remember that all devices in the Group operate when one member operates. If you group a dimmer with a fan control, the fan speed will increase when you increase the brightness from the dimmer. Conversely, if you press a button on the fan control to reduce the fan speed, the lights will dim.

Set the House ID (see Set House ID) before setting up Groups.

1. Go to any device that you want to include in the Group. Press . The device LED flashes yellow. Devices not currently in the group flash green. You now have 5 minutes to complete this process.
2. To include or exclude a device in the Group press  on the device until the LED changes color. **Yellow** flashing LED = Included in the Group
Green flashing LED = NOT included in the Group
If you get to a device and it is NOT flashing, see TROUBLESHOOTING.
3. Return to the device used in step 1 and press  to terminate Group binding. All LEDs revert to solid green.

Scene Control

The Miro Wireless Fan Control may be easily incorporated into room and whole house preset scenes. After binding the fan control to the desired scene, as described in the scene controller installation instructions (DRD5, DRD6, MRH5G, or MRH6G) set the fan speed by pressing one of the speed buttons or  or .

Note that the DRD6 and MRH6G wireless room scene controllers' default operation for the E scene button and the  paddle does not turn off the DRD9 fan control. You can manually add the fan so that it is included when "all off" function is invoked at the room scene controller.

The **Miro Installation Guide** provides more information about configuring scenes. Application support information and the **Miro Installation Guide** are available online.

TROUBLESHOOTING

During Set House ID, the LED is not flashing on some wireless Miro devices.

- If LED is solid green before initiating House ID binding:
The device already has another House ID. Reset it to the factory default so that it can be bound to the desired House ID. Resetting to factory defaults is described in the “I need to start over” issue.
- If LED is solid yellow after initiating House ID binding:
The device may be out of range of the initiating device. Add a MRR2G Miro Wireless Repeater to boost signal range.


During Binding, all LEDs stop flashing before I am finished.

The binding process timer may have expired. Restart the binding process timer by repeating steps 1 and 2 of the procedure you were using. Notice that the devices you previously included are flashing yellow; simply finish the process from where you left off.



The device LED flashes red when I press .

If house or room scene controllers are used in the house, the house or room configuration may be locked. Consult the installation instructions for the DRD5 or MRH5G wireless house scene controller if one is present. See the DRD6 or MRH6G wireless room scene controller instructions if one is present.

I made a configuration mistake. I need to start over.

You can reset any Miro wireless device to factory default settings by pressing and holding  until the LED changes to solid yellow (approximately 10 seconds). During the process, the LED flashes yellow and when complete, it changes to solid yellow. The device can then be reconfigured, exactly like any new device (see the Set House ID section).

The fan control does not work and the status LED is flashing red

- at 2Hz (10 times in 5 seconds):
The fan control has detected an overload condition and has shut down. To clear the fault condition, tap  and wait for the LED to turn green. Disconnect loads in excess of rated load and try again.
- at 3Hz (15 times in 5 seconds):
The fan control has detected a short-circuit condition and has shut down. To clear the fault condition, tap  and wait for the LED to turn green. Remove power, rectify the short-circuit, restore power, and try again.

The status LED is off.

Check the paddle position. If the bottom edge is recessed, the Air Gap safety feature is engaged. See Fan Maintenance.

CLEANING

Clean using a cloth dampened only with water and a little mild detergent. Use of solvents or hydrocarbon-based cleaners may cause permanent damage.

FCC NOTICE

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 to 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.

Caution: Any changes or modifications to this device not explicitly approved by the manufacturer could void your authority to operate this equipment.

WARRANTY INFORMATION

Manufacturer warranties its products to be free of defects in materials and workmanship for a period of five (5) years. There are no obligations or liabilities on the part of manufacturer for consequential damages arising out of, or in connection with, the use or performance of this product or other indirect damages with respect to loss of property, revenue or profit, or cost of removal, installation or reinstallation.

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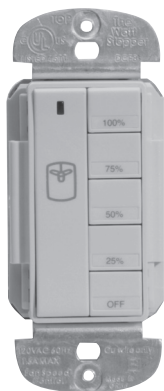


IS-0514

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DRD9

Wireless Fan Control



Installation Instructions

Specifications

Voltage 120VAC, 60Hz

Operating Temperature.....32°F to 104°F (0°C to 40°C)

Maximum Load Rating 1.5A

Load Type Compatibility..... Up to two ceiling fan motors

U.S. Patent 6,175,220. Other utility, design, and foreign patents pending.

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 V A N T A G E

UNIT DESCRIPTION

The Miro Decorator DRD9 Wireless Fan Control conveniently offers silent, one-touch control of one or two ceiling paddle fans, with a combined current rating up to 1.5 amps. The DRD9 has five buttons to provide 4 speed controls, plus off. One touch of the rocker paddle can also turn the fan off, or turn it on and resume the most recently used speed.

Miro Wireless

Miro wireless devices use radio signals to communicate with each other to control lighting and other types of electric loads in selected areas. They use the 900MHz band for high-speed control communication. Using the patented "frequency-agile" Top Dog™ technology, Miro wireless devices avoid interference with other 900MHz devices, such as cordless phones and baby monitors.



CAUTION



THIS UNIT IS EXCLUSIVELY DESIGNED FOR USE WITH CEILING FANS.

**Do not use to control lighting, receptacles
or transformer-operated devices.**

Do not use for a fan and a light wired together on the same load wire.

Do not wire in the same circuit as a GFCI circuit breaker or receptacle.

**INSTALL IN COMPLIANCE WITH ALL APPLICABLE
CODES & STANDARDS.**

Failure to follow these instructions may cause
personal injury or equipment damage.



CAUTION

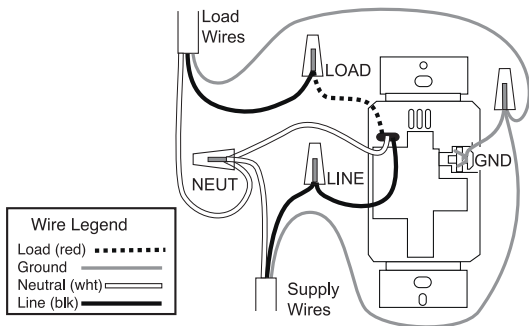


**TURN THE POWER OFF AT THE CIRCUIT BREAKER
BEFORE INSTALLING THE FAN CONTROL.**

INSTALLATION

For ease of installation, manufacturer recommends use of a deep wall box.



1. Disconnect power to circuit by turning circuit breaker OFF before installation.
2. Remove existing wall plate and switch.
3. Strip existing wires 1/2".
4. Connect the supply and load ground wires to the GND terminal on the back of the unit.
5. Connect the white (Neutral) fan control wire to the white supply and white load wires, using a wire nut.
6. Connect the black fan control wire to the black supply Line, using a wire nut.
7. Connect the red fan control wire to the black load wire, using a wire nut.
8. Attach the wall plate.
9. Switch the circuit breaker back ON.

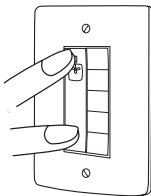



SET HOUSE ID

All Miro wireless devices installed in the same home must acquire the same unique House ID before use. This process is known as house binding. Each Miro wireless device is bound to all other Miro wireless devices in the house.

New Installation



1. With all devices installed and energized, make sure that every Miro wireless device LED is yellow. If any LED is off, be sure the circuit breaker is on and the device is correctly installed.
2. Press  on any device paddle until the LED flashes yellow (about 2 seconds). This indicates that it has acquired a unique House ID.
3. Make sure that all other Miro wireless device LEDs are flashing green, indicating that they have acquired the same House ID.
4. Return to the device used in step 2, which is still flashing yellow. Press  until the LED changes to solid green (about 2 seconds). All device LEDs in the house change to solid green, indicating house binding is complete.



When you see  in the instructions, firmly press and hold both the top and bottom of the device paddle until the LED changes (about 2 seconds).

Adding a Device to an Existing Installation

If you're adding or replacing a device in a Miro wireless installation that is already operating, the new device must acquire the same House ID as the other Miro wireless devices in the house. After the new device is powered up, the LED should be solid yellow. This indicates that it has not yet acquired a House ID. To acquire the House ID for the existing system:

1. Press  on any previously bound device until the LED flashes yellow (about 2 seconds).
2. Verify that the newly added device LED is flashing green, indicating that it has acquired the House ID.
3. Return to the same previously bound device used in step 1 and press  until the LED changes to solid green (about 2 seconds). All device LEDs should now be solid green.

OPERATION

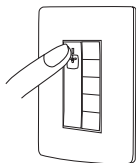
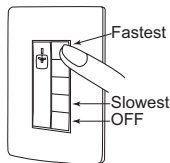
Before use, set the fan to run in the appropriate direction and at full speed:

1. Press the top speed button on the DRD9 wireless fan control, and wait to allow the fan motor to run up to full speed.
2. Using the controls on the fan (typically pull-chains), adjust so that the fan is running at full speed, and in the desired direction. The pull chains may now be removed or shortened.

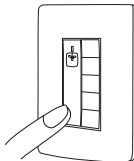
Button and Paddle Functions

The DRD9 wireless fan control has a rocker paddle and five speed control buttons. Use the speed buttons to select an appropriate fan speed or OFF.

Rocker paddle functions are described below.



When you see
↑ touch the top
of the paddle as
directed.



When you see
↓ touch the
bottom of the
paddle as
directed.

↑	Tap once	Turn fan ON and resume the last used speed
↑↑	Tap twice	Full speed
- ↑ -	Press and hold	Increase the speed
↓	Tap once	Turn fan OFF
- ↓ -	Press and hold	Decrease the speed

The wireless fan control may feel warm to the touch during normal operation.

Fan Maintenance

When fan maintenance is required, use the Air Gap Isolation feature for safety. To activate the feature:

Press ↓ FIRMLY, so that the paddle clicks and latches in. Make sure the status LED is extinguished, indicating that the load is isolated.

To release and return to normal operation, press ↑ .

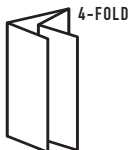
Power Fail Memory

After a power failure, all Miro devices automatically return to the state they were in immediately prior to loss of power.

REV	DESCRIPTION	INT:	REV. DATE	APPROVED
1	ECO# C01694	MJS	3/31/04	CG
2	ECO# C02414	DR		



TITLE BOX PAGE ONLY.
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- Print: 2-sides
- Ink Color: Black
- Paper: White 16lb (60g/m sq)
Uncoated, prefer recycled stock
- Final trim size: 16" (Wide) x 6" (High).
- Four (4) fold.
- Final folded size: 4" (Wide) x 6" (High).



IF YOU HAVE ANY QUESTIONS REGARDING SPECIFICATIONS OR REQUIRE ADDITIONAL FILE FORMATTING, PLEASE CONTACT Mary Jo Sowinski.
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