




ADVANCED OPERATION

Groups




Use a Miro Wireless Plug-In Lamp Module in conjunction with MRD8 Wireless Multilocation Controllers to control one plug-in lamp outlet from multiple locations. Binding the lamp module and MRD8 devices together in the same Group lets you operate the lamp module from any of the control locations.

You can include other Miro wireless devices in the Group. All devices in the Group operate when one member operates. If, for example, you increase the brightness on one device in the Group, all devices will increase brightness.




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, and all other devices in the House 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, the 5 minute binding process timer may have expired. Go back to step 1 and repeat.
3. Return to the device used in step 1 and press  to terminate Group binding. All LEDs revert to solid green. Now, all the devices in the Group control their load circuit in exactly the same manner.

Adding a Module to a Group in an Existing System

1. Go to a device that is in the Group where you want to add the module. Press . The device LED and all members of the Group flash yellow. The new module flashes green.
2. Press  on the new module until its LED flashes yellow.
3. Return to the device used in step 1 and press . All LEDs are solid green.

Deleting a Module from a Group in an Existing System

1. Go to a device other than the one you're deleting that is in the existing Group. Press  until the LED flashes yellow on each member of the Group .
2. Press  on the module you want to remove, until its LED flashes green.
3. Return to the device used in step 1 and press . All LEDs turn solid green.

Scene Control

The Miro wireless plug-in lamp module may be easily incorporated into room and whole house preset scenes. The **Miro Installation Guide** provides more information about configuring scenes and presets.

Instructions for installation and use are included with the relevant Miro wireless room and whole house control devices. Application support information and the **Miro Installation Guide** is available online.

CLEANING

Clean using only a cloth dampened with water and a little mild detergent.

Use of solvents or hydrocarbon-based cleaners may cause permanent damage.

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 MRR2 Miro Wireless Repeater to boost signal range.

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 dimmer does not work and the status LED is flashing red

- **at 2Hz (10 times in 5 seconds):**

The module 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 module 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 condition, restore power, and try again.

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 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.

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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Orem, UT 84097
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MRP6

Wireless Plug-In Lamp Module



Installation Instructions

Specifications

Operating Voltage.....	120VAC, 60Hz
Maximum Load Rating	300W
Minimum Load Required	25W
Load Type Compatibility.....	25-300W
Incandescent & quartz halogen lamps	
Dimmable electronic or magnetic low voltage transformers	
Dimmable cold cathode and neon ballasts	
Dimmable 2-wire fluorescent (Advance Mark X or equivalent) and compact fluorescent ballasts	

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™ MRP6 Wireless Plug-In Lamp module provides convenient dimming control for most floor and table lamps. This simple plug-in module makes it easy to include free-standing plug-in lamps in the Miro lighting control system.



**Lamp Module
Identification Icon**

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

Auto-on Operation

When the lamp has been turned off by the Miro wireless lamp module, you can still manually turn on the lamp using the lamp’s integral switch. The Miro lamp module senses the switch opening and closing and immediately applies power to the load.

Load Types

Use the MRP6 Wireless Plug-in Lamp Module with floor and table lamps of the following load types (25-300W at 120V):

- Incandescent and quartz halogen lamps
- Dimmable electronic or magnetic low voltage transformers (max load 250W)
- Dimmable cold cathode, neon ballasts (max load 250W)
- Dimmable 2-wire fluorescent and compact fluorescent lamps



CAUTION

To reduce the risk of overheating and possible damage to other equipment, do not install to control a motor-operated appliance, or a fluorescent lighting fixture.



CAUTION

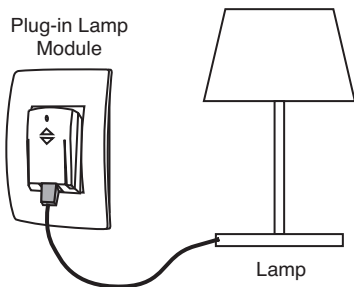
Afin de réduire le risque de surchauffe et la possibilité d'endommager d'autres matériels, ne pas installer pour commander un appareil à moteur, ou une lampe fluorescente.

- Do not mix different load types on the same plug-in lamp module.**
- Do not use with diode equipped (some types of energy saving) lamps.**
- Do not use with fluorescent fixtures other than those listed.**
- Do not use for light fixtures with integral dimmers.**
- Do not use for motors.**

INSTALLATION

1. Plug the Miro wireless lamp module into a convenient 15amp 120V grounded receptacle.
2. Plug the lamp into the grounded 15amp outlet on the base of the lamp module.
3. Check that the lamp is switched on by pressing the $\hat{\uparrow}$ button on the lamp module. If the light does not come on, put its switch in the on position, and leave it there. If it still doesn't come on, check the lamp.


INSTALL IN COMPLIANCE WITH ALL APPLICABLE CODES & STANDARDS. Failure to follow these instructions may cause personal injury or equipment damage.

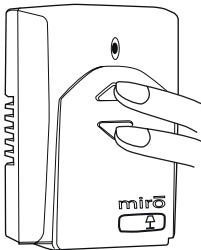



SET HOUSE ID


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 or the up and down arrows on a Miro wireless plug-in module until the LED flashes yellow (about 2 seconds). This indicates that it has acquired a unique House ID.





When you see  in the instructions, firmly press and hold both the up and down arrow buttons until the LED changes (about 2 seconds).

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.

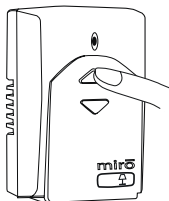
Adding a Device to an Existing Installation

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:

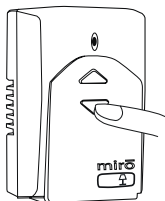
1. Press  on any **previously bound** device until its LED flashes yellow (about 2 seconds).
2. Verify that the newly added device LED is flashing green, indicating that it has acquired the House ID.
3. Return to the **same previously bound** device used in step 1 and press  until the LED changes to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

OPERATION

↑	Tap once	Fade the load to its last-used level
↑↑	Tap twice	Full bright
- ↑ -	Press and hold	Increase the present level
↓	Tap once	Fade the load to OFF
- ↓ -	Press and hold	Decrease the present level



When you see ↑ in the instructions, touch the up arrow button as directed.



When you see ↓ in the instructions, touch the down arrow button as directed.

The module may feel warm to the touch during normal operation.

Replacing Lamps

When a lamp must be replaced, unplug the lamp from the MRP6 to provide Air Gap Isolation for safety.

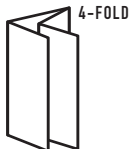
Power Fail Memory

After a power failure, all Miro devices automatically return to the state that they were in immediately prior to loss of power. All configuration and scene control information is preserved.

REV	DESCRIPTION	INT:	REV. DATE	APPROVED
1	ECO# C00888	MJS	4/23/04	CG
2	ECO# C02412	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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