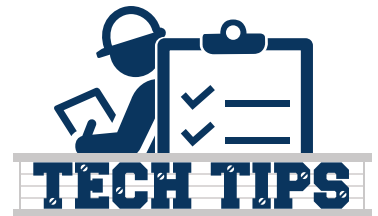




## MITSUBISHI MHK2 CONTROL

The Mitsubishi MHK2 kit is great way for a customer to control their Mitsubishi unit. It allows an easier experience for the customer to understand what settings, mode or operation the unit is currently providing.

The MHK2 is a wireless control kit that utilizes Redlink 3.0 to communicate to a receiver module located at the indoor unit. The wireless receiver plugs into “CN105” connection point on the indoor PC board via a Molex plug.



There are a few tips we would like to share with you about the set-up, configuration and installation of this product:

1. The MHK2 kit contains a MRCH2 (control), MIFH2 (receiver) and a MRC2 (cable).
2. When configuring the control, you may be asked for the device PIN code. You will need to locate the date code on the back of the control (four-digit number) and add 1234. The below example is found on the first page of the installation manual.

Example: Date on back of control is 2010. You will add 1234 to 2010 (2010+1234=3244)

- a. 3244 would be your device PIN in this example.

### Installation at a Glance

This manual covers the installation and setup of the MHK2 Remote Controller with Mitsubishi Electric indoor units.

Before you begin, you must attach the cable to the CN105 connector on the indoor unit control board, then follow the steps in this document.



**Note:** Remote Controllers are linked to specific indoor units. Each indoor unit must have a dedicated Remote Controller and Wireless Receiver.

**Note:** Your device's PIN code is your date code added to 1234. For example, a date code of 2010 plus 1234 would give you a device PIN of 3244.

3. Easy to read and understand – it looks similar to a Honeywell T6.
4. Be sure to check the compatibility of the MHK2 kit and the specific unit you are working with.
5. Will not link with Redlink 2.0 accessories.
  - a. If there are existing Honeywell Redlink products, this control will not communicate or “talk” if these devices are Redlink 2.0.
6. If wanting to utilize this control with the Kumo Cloud app, you will need to utilize the Wireless Interface 2 kit (PAC-USWHS002-WF-2).
  - a. The Wireless Interface 2 kit will contain a wireless Wi-Fi receiver and cable.
  - b. If utilizing the Wireless Interface 2 kit for Kumo Cloud (remote access) you will need to follow specific instructions for configuration. If these steps are not followed, the control will not communicate or allow for configuration. See Application Note: 3052
  - c. You must configure the Kumo App with the Wireless Interface 2 before plugging the MHK2 into the interface. This is specified in Application Note: 3052

# Application Note: 3052

## Kumo Touch

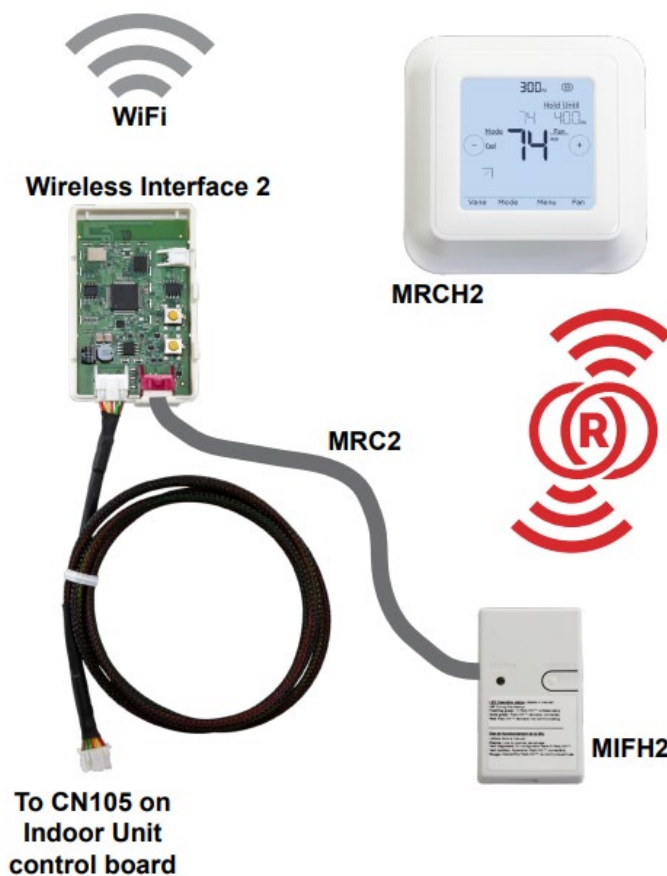
### Connecting the MHK2 to a Wireless Interface 2

## Introduction

The purpose of this Application Note is to clarify the steps required for connecting an MHK2 controller to the Kumo Cloud Wireless Interface 2.

## Required Materials

1. A compatible system. Please refer to the charts below for compatibility.
  - [M-Series Compatibility Chart](#)
  - [P-Series Compatibility Chart](#)
  - [City-Multi Compatibility Chart](#)
2. [MHK2](#)
3. [Wireless Interface 2](#)
4. [Kumo Cloud app and account](#)



## Important Note

Do not connect the MHK2 receiver to the Wireless Interface 2 until it has been commissioned in the Kumo Cloud app. If it is already connected, then disconnect it before proceeding any further. The reason for this is because the MHK2 controller will not connect to the MIFH2 receiver if the Wireless Interface 2 has not been commissioned.

Please see the [MHK2 FAQ](#) for more information on this combined configuration.

## Instructions

Use the pictures to complete the steps listed below.

1. Connect the Wireless Interface 2 to connector CN105 on the indoor unit control board, and commission it through the through the Kumo Cloud app.
  - See the [Technician Operation Manual](#) for more info on how to commission the device.
2. Connect the MHK2 receiver to the extra CN105 plug on the Wireless Interface 2 (Figure 1) and finish commissioning the MHK2 controller.
  - See the [MHK2 Installation Manual](#) for more info on how to commission the device.
3. Follow the steps below to test the connection between Kumo Cloud and the MHK2.
  - Send a command from the Kumo Cloud app to the indoor unit, and verify that it has appeared on the MHK2 controller's display. (Figure 1)
  - Send a command from the MHK2 controller to the indoor unit, and verify that it has appeared in the Kumo Cloud app. (Figure 2)

**Note:** It usually takes around ten seconds before any changes appear, but can also take as long as five minutes in some cases. There are numerous factors which affect this delay, so it is recommended to wait at least five minutes before sending any other commands.

Figure 1

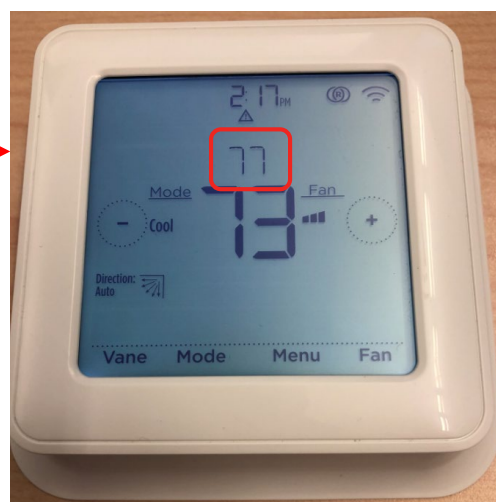
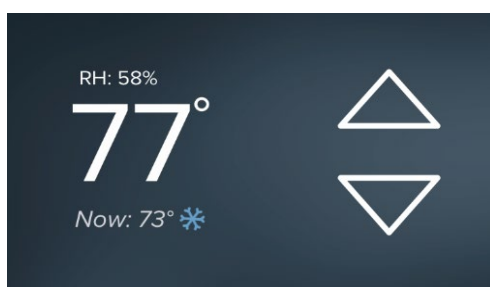


Figure 2

