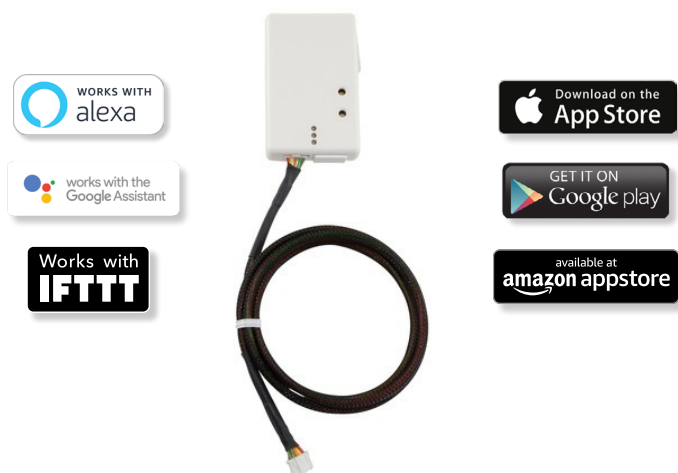


Job Name:

System Reference:

Date:

WIRELESS INTERFACE 2



COMMUNICATION SETUP

- Bluetooth connection only used during startup



SPECIFICATIONS

- Allows for a Trane®/Mitsubishi Electric indoor unit to communicate with the kumo cloud® app and web service
- Works simultaneous with MHK1 and MHK2
 - Due to power requirements of the Wireless Interface 2 and MHK2, only the following units will be able to power both devices with the indoor unit:

NOTE: Refer to compatibility chart

- » DKS
- » AMT
- » CKS
- » P-Series
- » City Multi®

- Wireless connection over local Wi-Fi network with kumo cloud app
- Remote connection through kumo cloud app
- Connection to indoor unit via CN105
- Mode button to enter Bluetooth Configuration to pair with Smart Phone with kumo cloud app
- Reset button to reset all settings
- 3 LEDs to display device status
- Dimensions: (H x W x D) 1.82 x 0.69 x 2.92 inches
- The Wireless Interface 2 must connect to a 2.4 GHz Wi-Fi network.
 - The Wireless Interface 2 will not work on a 5 GHz Wi-Fi network.
 - The Wireless Interface can only connect to Wi-Fi channels 1-11.
 - For the best performance connect the Wireless Interface to a 2.4 GHz only SSID, but there are some multi-band Wi-Fi networks that can correctly manage a 2.4 GHz only device.
 - Please verify if your multi-band Wi-Fi router can manage 2.4 GHz only devices

- Encryption: AES
- Authentication: PSK
- Works with the Google Assistant
- Works with Amazon Alexa

REQUIREMENTS

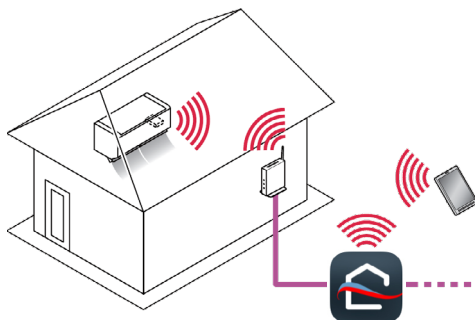
- Compatible Trane®/Mitsubishi Electric indoor units
 - See remote controller compatibility charts
- Wireless Router
 - Internet access required for initial setup and scheduling
- Wireless Interface (PAC-USWHS002-WF-2)
- Compatible Software Platforms with the kumo cloud app:
 - iOS 8.0 or later
 - Android 4.1 or later
 - Fire OS 4.1 or later



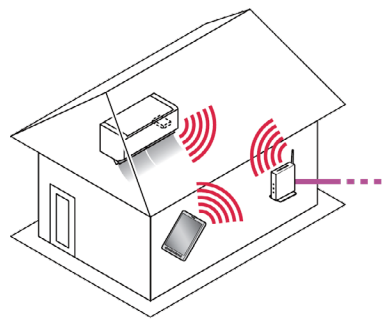
HARDWARE FEATURES

No	Item	Description
1	Mode Button	It activates Bluetooth configuration mode.
2	RESET button	It resets the system and ALL settings.
3	LED1 (Blue)	It shows the wireless communication state.
4	LED2 (Amber)	Displays confirmation of reset button.
5	LED3 (Green)	Displays Power status.

REMOTE CONNECTION THROUGH INTERNET



WIRELESS CONNECTION THROUGH LOCAL WI-FI NETWORK



WIRELESS INTERFACE 2 AND MHK2 NOTES & COMPATIBILITY CHARTS

Wireless Interface 2 and MHK2 Notes:

1. The Wireless Interface 2 has the same indoor unit compatibility list as the Wireless Interface
2. The MHK2 and MHK1 are the only compatible controls product that can use the Wireless Interface 2's second CN105 port.
3. The MHK2 AUTO mode and scheduling features can be used when connected to the Wireless Interface 2
 - The kumo cloud app cannot put the indoor unit into AUTO mode when connected to an MHK2
 - » The kumo cloud app can adjust the set point while in AUTO mode
 - » MHK2 touch panel is the only way to put the indoor unit into AUTO mode.
 - MHK2 Installer Setting Option #150 determines if MHK2 or kumo cloud establishes the schedule
4. A MA remote controller cannot be used when an indoor unit is connected to a Wireless Interface 2 and MHK2
5. The IT Extender (PAC-WHS01E-E) cannot be used when an indoor unit is connected to Wireless Interface 2 and MHK2
6. The Wireless Interface 2 and MHK2 combination is compatible with the same indoor units as the Wireless Interface 2 compatibility table, see Compatibility Chart below:

Wireless Interface 2 and MHK2 Compatibility Chart

CITY MULTI®	Nv-Series	P-Series
TPMFY*BM OK	MSZ-EF OK	TPCA OK
TPEFY*MA OK	WPH OK	TPEAD OK
TPEFY*MH ADPT (After April 2012)	WST OK	TPKA (HA7) OK (KA7) OK (LA) OK
TPEFY*MS ADPT (After June 2012)	WMT OK	
TPLFY*EM OK	WEL OK	TPLA OK
TPKFY*LM NO	FKS OK	TPVA OK
TPLFY*FM OK	AMT OK	
TPCFY*KM ADPT (After June 2012)	DKS OK	
TPFFY*CS ADPT (After April 2012)	CKS OK	
TPFFY*RE ADPT (After April 2012)	UKS OK	
TPVfy*AM OK		
TPKFY*BM ADPT (After April 2012)		
TPKFY*HM ADPT (After May 2012)		
TPKFY*KM ADPT (After June 2012)		
TPKFY*LM ADPT (After June 2012)		

Legend:

OK = Compatible

NO = Not compatible

ADPT = Install IT signal adapter PAC-IT51AD-E or PAC-IT52AD-E for compatibility

WIRELESS INTERFACE 2 AND MHK1 NOTES & COMPATIBILITY CHARTS

Wireless Interface 2 and MHK1 Notes:

1. The Wireless Interface 2 has the same indoor unit compatibility list as the Wireless Interface 1.
2. The MHK1 is the only compatible controls product that can use the Wireless Interface 2's second CN105 port.
3. The MHK1 AUTO mode and scheduling have to be disabled when connected to the Wireless Interface 2's second CN105 port. MHK1 needs to set two function codes to be compatible:
 - Set MHK1 Function Code #144 "System Changeover" to 0 "Manual Changeover (Heat, Off, Cool)"
 - Set MHK1 Function Code #152 "Scheduled Off" to 0 "Not Shown"
4. A MA remote controller cannot be used when an indoor unit is connected to a Wireless Interface 2 and MHK1
5. The IT Extender (PAC-WHS01IE-E) cannot be used when an indoor unit is connected to Wireless Interface 2 and MHK1
6. The Wireless Interface 2 and MHK1 combination only work with the following indoor units:

CITY MULTI® Wireless Interface 2 and MHK1 Compatibility Chart

All CITY MULTI Indoor units

P-Series Wireless Interface 2 and MHK1 Compatibility Chart

	TPEADA0091AA70A			
			TPKA0A0121LA00A	
			TPKA0A0181LA00A	
	TPEADA0121AA70A	TPLA0A0121EA70A	TPKA0A0121HA70A	TPVA0A0121AA70A
	TPEADA0181AA70A	TPLA0A0181EA70A	TPKA0A0181HA70A	TPVA0A0181AA70A
TPCA0A0241KA70A	TPEADA0241AA70A	TPLA0A0241EA70A	TPKA0A0241KA70A	TPVA0A0241AA70A
TPCA0A0301KA70A	TPEADA0301AA70A	TPLA0A0301EA70A	TPKA0A0301KA70A	TPVA0A0301AA70A
TPCA0A0361KA70A	TPEADA0361AA70A	TPLA0A0361EA70A	TPKA0A0361KA70A	TPVA0A0361AA70A
TPCA0A0421KA70A	TPEADA0421AA70A	TPLA0A0421EA70A		TPVA0A0421AA70A

Nv-Series Wireless Interface 2 and MHK1 Compatibility Chart

NTXWST06A112AA			
NTXWST09A112AA		NTXDKS09A112AA	NTXCKS09A112AA
NTXWST12A112AA	NTXAMT12A112AA	NTXDKS12A112AA	NTXCKS12A112AA
NTXWST15A112AA		NTXDKS15A112AA	NTXCKS15A112AA
NTXWST18A112AA	NTXAMT18A112AA	NTXDKS18A112AA	NTXCKS18A112AA
NTXWST24A112AA	NTXAMT24A112AA		
NTXWST30A112AA	NTXAMT30A112AA		
NTXWST36A112AA			
NTXWST30B112AA			
NTXWST36B112AA			