

Reiri Testing & Commissioning Checklist

Controller Details

Controller Particulars	
Model Code	
Controller Name	
Serial Number (S/N)	
MAC Address	
Software Version	
Installation Date	
Installation Location	
Activated Options	
Connected Devices	

Please fill all the checklist below with status: “✓”, “✗”, or “N.A.”.

1. Hardware Setup

No.	Item Checklist	Status
1	Reiri comes with the following accessories: For DCPH01, DCPF01, DCPF05, DCPF10: <ul style="list-style-type: none"> - Reiri controller (1 pc.) - USB A-USB C cable - AC-DC Power adapter + plugs For DCPH02 : <ul style="list-style-type: none"> - Reiri controller (1 pc.) - USB A-Micro USB cable - Interchangeable Plug Power Adapter 	
2	Reiri is installed indoor, free from dust and water splashes.	
3	Reiri is mounted in the horizontal direction and stable position.	
4	Reiri meets the following environmental needs: <ul style="list-style-type: none"> - The ambient temperature must be 0 to 40°C and has secure heat release. - The ambient humidity must be 85% RH or less (without condensation). - There must be no electromagnetic disturbance. 	
5	For RS485, Reiri is using twisted pair cable of core thickness: AWG 24 (0.25mm ²) to AWG 18 (0.75mm ²).	
6	Cable is wired with distance not more than 200m and at a kept distance from high voltage cables.	
7	Reiri is using LAN cable of standard: <ul style="list-style-type: none"> - Applicable cable standard: CAT 5/5e/6 - Connector standard: RJ-45 	
8	When LAN is plugged in, Reiri's LED lights in the LAN port are lighting up.	
9	Reiri's orange LED light in the LAN port is blinking.	
10	All the necessary ports have been plugged and wired for device connection. E.g., Wired RS485 port for DCPA01 & IAQ.	
11	<i>If applicable</i> CH341 USB-A to RS485 adapter is used to connect RS485 devices to Reiri USB ports (i.e., port 3 and port 4).	

2. Software Setup

No.	Item Checklist	Status
1	The following ports have been opened for Reiri: 80 / 52000 / 52001 / 52010 / 123	
2	Accounts have been created in Reiri Setup Tool, i.e., admin and/or connection.	
3	For internet connection, 'Cloud Connection' has been enabled.	
4	If static IP is used for network settings, the following has been obtained: Controller's IP address, customer's gateway IP, subnet, and DNS.	
5	If static IP is used for network settings, customer has been informed not to change the Wi-Fi Router settings.	
6	Network settings have been set according to client's request.	
7	Controller information have been edited and changed.	
8	Date & Time have been changed to match local time zone.	
9	All necessary devices have been added in the 'Device Connection Settings' and are shown in the 'Connected Devices' list.	
10	All connected device addresses have been obtained and recorded. For aircon connection, each of the FCU location and address has been recorded.	
11	For connection with DCPA01, communication parameters have been set as following: Baud Rate: 19200 Parity: Even Stop Bit: 1	
12	For connection with DCPA01, DS1 dipswitch has been set to match communication parameters.	
13	For connection with DCPA01, address setting (either address 1 or 2) has been set to match address dipswitch in adapter hardware (DS2).	
14	For connection with IAQ, communication parameters have been set as following: Baud Rate: 9600 Parity: None Stop Bit: 1	
15	For connection with NetPro, communication parameters have been set as following: Baud Rate: 9600 Parity: Even Stop Bit: 1	
16	For connection with Smart Meter, communication parameters have been set as following: Baud Rate: 9600 Parity: None Stop Bit: 1	
17	For connection with WAGO IO, port is shown as port 502.	
18	For connection with other Reiri controllers, connection accounts have been gathered and added into master controller.	
19	For connection with Daikin Mobile Adaptor, connection has been enabled.	
20	For connection with Daikin Mobile Adaptor, D-Mobile card is in the same network as Reiri controller.	
21	For connection with Daikin Mobile Adaptor, D-Mobile card information (i.e., SSID, key, IP address (if static IP has been used), FCU locations) has been recorded.	
22	Reiri has been activated using local activator user account.	

23	All necessary option keys have been added in 'Activate Optional Function' and are shown in the 'Activated Options' list.	
24	For IAQ Monitoring in User App, the 'IAQ Monitoring' has been enabled in 'Activate Optional Function'.	
25	<i>For DCPF01 (if applicable)</i> For layout editing, 'Layout View' has been enabled in 'Activate Optional Function'.	
26	<i>For DCPF01 (if applicable)</i> For connection access to Reiri for Hotel/Resort, 'Hotel Guest Room Management' has been enabled in 'Activate Optional Function'.	
27	<i>For DCPH01 (if applicable)</i> Z-Wave connection has been enabled in 'Device Connection Settings'.	
28	<i>For DCPH01 (if applicable)</i> All Z-Wave devices have been paired in 'Z-Wave Settings' and are shown in 'Device' list.	
29	<i>For DCPH01 (if applicable)</i> All Z-Wave devices parameters have been set according to client's demands.	
30	All points have been generated in the 'Point Settings' after controller reboot.	
31	For connection accounts, all necessary points have been assigned to each account.	
32	Controller has been rebooted before accessing Reiri for Home / Office User App.	
33	Controller has been backed up with date recorded, in case of future needs.	

3. Operational Testing

No.	Item Checklist	Status
1	Aircon points are shown as black/blue in color and can be accessed in User App.	
2	Aircon temperature can be set higher and lower, and it tallies with the RC set temperature.	
3	Aircon mode can be set to various modes, and it tallies with the RC mode.	
4	Aircon fan speed can be set to various speed, and it tallies with the RC fan speed.	
5	Aircon flap can be set to various degrees, and it tallies with the RC flap.	
6	IAQ points are shown as black in color, and values are changing over time.	
7	WAGO device points are shown as black/blue in color and can be accessed in User App.	
8	WAGO device points can be operated (e.g., ON/OFF) manually in the User App.	
9	Z-Wave device points are shown as black/blue in color and can be accessed in User App.	
10	Z-Wave device points can be operated (e.g., ON/OFF) manually in the User App.	
11	Relevant activated options are showing in the User App.	
12	For internet connection, cloud connection is established and Reiri can be accessed through external network.	
13	Reiri's system version is updated to the latest software.	
14	<i>For DCPH01 and DCPH02 (if applicable)</i> Voice control can be used to control relevant devices connected through Reiri.	

Is the Reiri controller ready for operation?

Installer Information

Installer Particulars	
Name	
Company	
Commissioning Date	
Signature	