

How to specify, install and use the PIXIE DK AC Controllers and Smart Zone Controllers



PIXIE APPS



Both the PIXIE AC Controller (PAC) and the Smart Zone Controller operate with both the SAL PIXIE and PIXIE PLUS Apps.

Users wanting remote access control and voice operation, should use PIXIE PLUS and also install a PIXIE Gateway on site (SGW3BTAM).

Heads Up: DAIKIN™ indoor units accept a maximum of 2 controllers. Controller 1 is the standard DAIKIN™ wall panel. The PAC is controller 2. No DAIKIN™ Airbase™ or other remote devices can be added.

Bluetooth: PIXIE Bluetooth Mesh means the PAC and Zone Controller do NOT need to be connected to each other. App control is instant - no Wi-Fi needed. Scheduling, scenes and smart home integration work immediately.

Caution: Do NOT connect the Zone Controller to the P1 & P2 terminals on the DAIKIN™ indoor unit. It uses a separate 24V AC power supply only.

PIXIE Products

● Bluetooth®



The PIXIE DK AC Controller provides on/off power control, mode select, temperature setpoint and fan speed for DAIKIN™ Ducted systems. It is connected to the P1 and P2 terminals on the DAIKIN™ indoor unit, and receives 24V power from this connection.

No other connection to other devices is required for the device to operate correctly.

IMPORTANT: A single DAIKIN™ remote wall panel still needs to be installed. The PIXIE DK AC Controller is an additional item for PIXIE control capabilities.



The PIXIE Smart Zone Controller has 8 x RJ11 damper inputs suitable for 24V AC dampers only. It requires only a 24V AC power supply for operation.

It has a SPILL ZONE dipswitch, depending on the system design, and on-board testing buttons for each damper for installer testing prior to app operation.

What to tell the AC Contractor?

Ideally, electrical contractors installing PIXIE will co-ordinate with the AC Contractor to minimise on-site issues.

What they should do.

- 1) Install, test and commission the DAIKIN™ AC system as they normally would, noting the DO NOT's in the panel adjacent to this text → → →
- 2) Install the PIXIE AC Controller to P1 & P2 terminals on the DAIKIN™ Indoor unit/s only, in parallel with the DAIKIN wall panel.
- 3) Provide a 24V AC power supply for the PIXIE Smart Zone Controller when using PIXIE Zone Controller.
- 4) Connect the 24V AC dampers into the PIXIE Smart Zone Controller RJ11 inputs when using PIXIE Zone Controller.

What they should not do.

- 1) Do not install more than a single DAIKIN™ on wall control panel (for ducted systems; VRV one per room / per indoor unit).
- 2) Zone Control for ducted systems is via PIXIE, do not add the DAIKIN™ zone control module to indoor unit.
- 3) **Only use the standard DAIKIN™ remote wall panel, NOT the DAIKIN™ Zone Control wall panel when using PIXIE Smart Zone Controller.**
- 4) Do not use 240V dampers. Only use 24V AC dampers for zone control.
- 5) Do not supply DAIKIN™ Airbase™ or AirHub™.
- 6) Do not connect the PAC and Smart Zone Controller to each other.

Important Information: Compatible with DAIKIN™ Indoor Units Only

PIXIE AC Controller is only to be connected to the P1 and P2 terminals on the DAIKIN™ indoor unit/s.

The Smart Zone Controller only operates with 24V AC dampers.

The Smart Zone Controller can be used with any 24V AC dampers for any brand of system.

PIXIE AC CONTROLLER
PC214AC/DK/BTAM

PIXIE SMART ZONE CONTROLLER
PZC248N/R/BTAM