

SXFD3/BTAM

Bluetooth® Mesh

PIXIE Master

SAL DC Fans Only

PIXIE Smart Fan Dongle

A USB Type A dongle designed specifically for SAL DC ceiling fans. Plugged into the receiver of a compatible SAL DC ceiling fan, it adds PIXIE wireless connectivity and turns the fan into a smart fan controlled within the PIXIE smart home system. Plug and play, with a screw supplied to lock it in place, and it joins the PIXIE system as a Master device.



Key Features

Purpose-built for SAL DC ceiling fans

An optional accessory for SAL DC ceiling fans. Shaped to fit the compatible fan receiver and sit inside the fan canopy.

Plug and play connector

Straightforward USB Type A connector. Open the canopy, plug the dongle into the receiver, close the canopy and restore power.

Locked against vibration

A screw is supplied to lock the dongle to the receiver so it cannot vibrate loose while the fan is running.

PIXIE Master device

Registers in the PIXIE system as a Master device. Add it from the PIXIE or PIXIE PLUS App using the standard Add device process.

Fan with or without light

At setup, select the fan type in the app to match the actual fan: Fan with light or Fan without light.

12 compatible SAL DC fan models

SDCF31/48 and SDCF31/52 series (3 and 4 variants, BK and WH) and SDCF32/52PXR3 series (BK and WH, standard and /L). List may update without notice.

Specifications

Specification		SXFD3/BTAM
Power input	3.3V DC	
Connector	USB Type A	
Product application	Compatible SAL DC ceiling fan receiver only	
Role in PIXIE system	Master	
Wireless technology	Bluetooth® Mesh	
Dimensions (L x W x H)	47.3 x 30.5 x 8.2 mm	
IP rating	IP20	
Operating temperature	0 to 40 degrees C	
Storage temperature	0 to 60 degrees C	
Operating humidity	10-85% RH, NC	
Storage humidity	10-85% RH, NC	
Package contents	1 x Smart Fan Dongle, 1 x screw, 1 x Quick Start Guide	

Specs sourced from QSG v2.0 (2026-06-29).

Caution: Use with a compatible SAL DC ceiling fan receiver only. Do not plug this dongle into any other USB-A port.

Important: Always verify specifications against the current Quick Start Guide and Installation Manual before specifying or installing. Available at pixiepartners.com.au/pixie-datasheets-and-installation-manuals/

Installation

Fitting the dongle to the fan receiver

Step 1	Confirm the ceiling fan is on the compatible model list
Step 2	Disconnect the power to the ceiling fan
Step 3	Open the canopy of the ceiling fan
Step 4	Find the receiver in the mounting bracket
Step 5	Plug the dongle into the receiver
Step 6	Lock the dongle to the receiver with the provided screw
Step 7	Slide the receiver back into the mounting bracket and close the canopy
Step 8	Resupply power to the ceiling fan

Compatible SAL DC ceiling fan models

SDCF31/48	3BK, 3WH, 4BK, 4WH
SDCF31/52	3BK, 3WH, 4BK, 4WH
SDCF32/52	PXR3BK, PXR3WH, PXR3BK/L, PXR3WH/L

Installation must be carried out by a qualified installer in accordance with AS/NZS3000. The compatible ceiling fan list may update without prior notice. Check the current Quick Start Guide before specifying.

App Setup and Control

Configuration

Step 1	Launch the PIXIE or PIXIE PLUS App
Step 2	Follow the Add device process to scan for the smart ceiling fan and add it to the app
Step 3	Select the fan type to match the actual fan: Fan with light or Fan without light

PIXIE App Control

- Fan control from the app, with light control where Fan with light is selected
- Scene creation - save and recall favourite settings
- Scheduling - set on and off times automatically
- Group control - manage multiple fans together
- Voice control via Google, Alexa or Siri (Gateway required)
- Remote access from anywhere (PIXIE PLUS App + Gateway required)
- PROGRAMode automations - trigger the fan by time, sensor or other device (Gateway required)

App requirements: iOS 6.0 or later, or Android 4.4 or above with Bluetooth 4.0 support.



PIXIE App for local Bluetooth control. **PIXIE PLUS App** adds remote access, voice control and PROGRAMode automations. Gateway (SGW3BTAM) required for remote access and voice control.

Complete Installation Documentation

Installation steps, technical illustrations, the current compatible fan model list and app configuration are in the Quick Start Guide for this product. Available at pixiepartners.com.au/pixie-datasheets-and-installation-manuals/

Related Products

SAL DC Ceiling Fans SDCF31 / SDCF32 series

The compatible fan range for this dongle. Fit the dongle to the fan receiver to bring the fan into the PIXIE system. Check the current model list before specifying.

PIXIE Smart Multifunction Rotary Switch SMFR/BTAS

Secondary wall controller. Pairs with a PIXIE fan controller for speed adjustment from a wall location: rotate the dial, press the centre button.

PIXIE Gateway Gen3 SGW3BTAM

Required for remote access, voice control and PROGRAMode automations via the PIXIE PLUS App.