What is the signal distance of a PIXIE Bluetooth device?

Installation · https://pixiepartners.com.au/support-docs/what-is-the-signal-distance-of-a-pixie-bluetooth-device/

It is a maximum of 15 metres in clear view of each device, subject to the installation construction material (eg: concrete); which can be corrected through the use of the SAL PIXIE USB signal booster (SGBBT).

For projects using all Gen3 products we recommend the use of the PIXIE PC100T-R-BTAS as the preferred Bluetooth Mesh Booster instead.

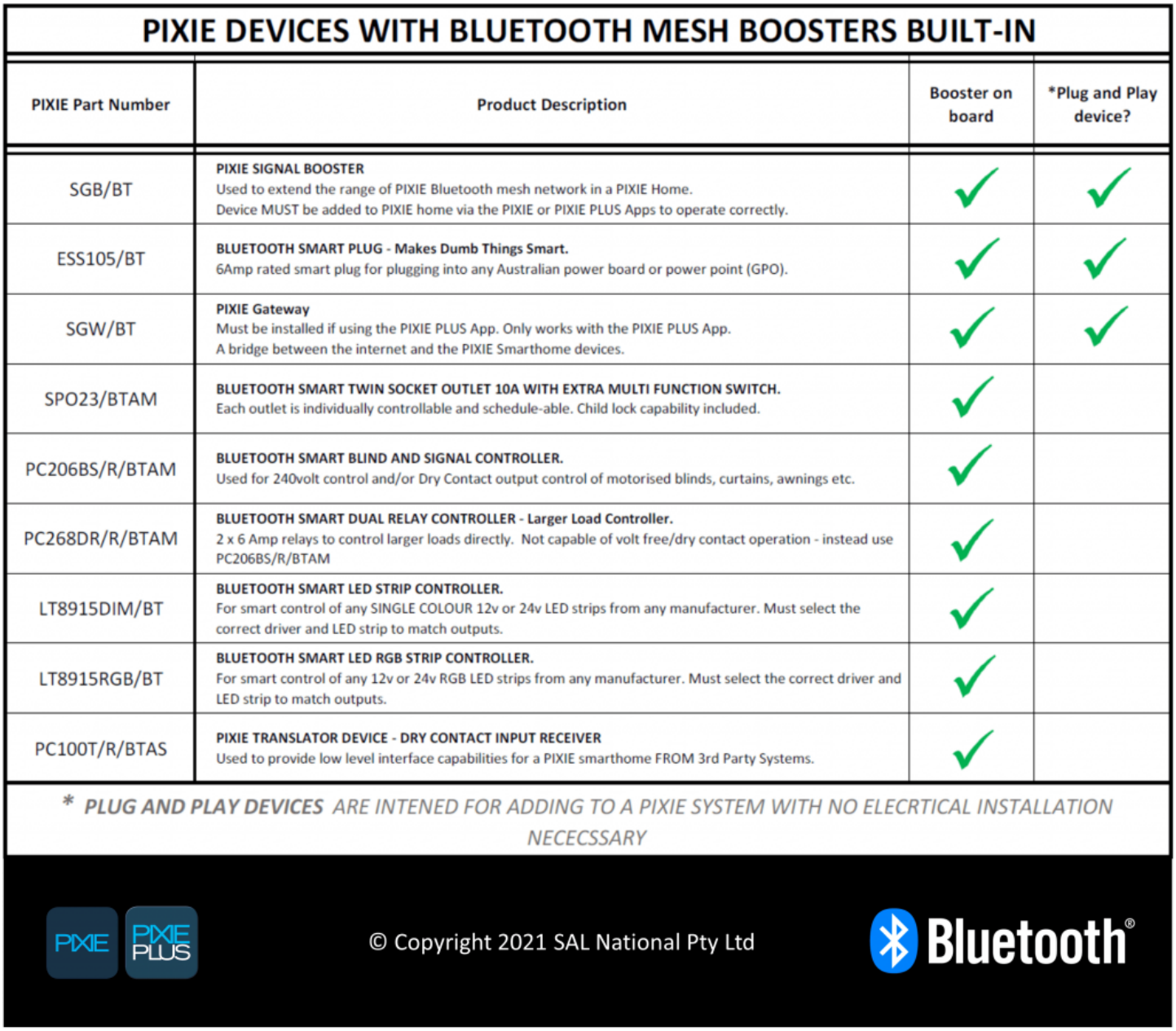
⇒ Read the Support Article for the Recommended Gen3 Booster here

The SGB/BT USB boosters can be connected to any USB outlet with at least 5vDC such as phone chargers, back of TV's, modems/routers, game consoles etc.

USB Bluetooth Signal Booster Installation in the Ceiling Space (For Electricians)

1. 1. On a permanent active install a plug base
2. 2. Into that plug base connect a phone charger with at least 5v DC output
3. 3. Connect the USB charger to that phone charger via the USB port.
4. 4. Mount this plug base near a downlight hole so you can access it easily later
5. 5. Mark these locations on your as-built plans for future servicing.

Many devices in the PIXIE range that have a neutral connection also incorporate an internal Bluetooth Signal Booster.



PIXIE DEVICES WITH BLUETOOTH MESH BOOSTERS BUILT-IN

PIXIE Part Number	Product Description	Booster on board	*Plug and Play device?
SGB/BT	**PIXIE SIGNAL BOOSTER** Used to extend the range of PIXIE Bluetooth mesh network in a PIXIE Home. Device MUST be added to PIXIE home via the PIXIE or PIXIE PLUS Apps to operate correctly.	✓	✓
ESS105/BT	**BLUETOOTH SMART PLUG - Makes Dumb Things Smart.** 6Amp rated smart plug for plugging into any Australian power board or power point (GPO).	✓	✓
SGW/BT	**PIXIE Gateway** Must be installed if using the PIXIE PLUS App. Only works with the PIXIE PLUS App. A bridge between the internet and the PIXIE Smarthome devices.	✓	✓
SPO23/BTAM	**BLUETOOTH SMART TWIN SOCKET OUTLET 10A WITH EXTRA MULTI FUNCTION SWITCH.** Each outlet is individually controllable and schedule-able. Child lock capability included.	✓	
PC206BS/R/BTAM	**BLUETOOTH SMART BLIND AND SIGNAL CONTROLLER.** Used for 240volt control and/or Dry Contact output control of motorised blinds, curtains, awnings etc.	✓	
PC268DR/R/BTAM	**BLUETOOTH SMART DUAL RELAY CONTROLLER - Larger Load Controller.** 2 x 6 Amp relays to control larger loads directly. Not capable of volt free/dry contact operation - instead use PC206BS/R/BTAM	✓	
LT8915DIM/BT	**BLUETOOTH SMART LED STRIP CONTROLLER.** For smart control of any SINGLE COLOUR 12v or 24v LED strips from any manufacturer. Must select the correct driver and LED strip to match outputs.	✓	
LT8915RGB/BT	**BLUETOOTH SMART LED RGB STRIP CONTROLLER.** For smart control of any 12v or 24v RGB LED strips from any manufacturer. Must select the correct driver and LED strip to match outputs.	✓	
PC100T/R/BTAS	**PIXIE TRANSLATOR DEVICE - DRY CONTACT INPUT RECEIVER** Used to provide low level interface capabilities for a PIXIE smarthome FROM 3rd Party Systems.	✓	

* ***PLUG AND PLAY DEVICES*** *ARE INTENED FOR ADDING TO A PIXIE SYSTEM WITH NO ELECRTICAL INSTALLATION NECECSSARY*

More information on the PIXIE Bluetooth Signal Booster can be found here.

You may also like to download the PIXIE Troubleshooting Guide which provides more detailed information for checking mesh signals in a home.



⇒ Download the Trouble Shooting Guide