

# PANL

## Smart Living



## Part 6 ~ Voice Assistants

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# PANL

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# 1 Introduction

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## 1.1 About this Guide

This guide explains the usage of Voice Assistants with PanL Smart Living.

PanL Smart Living integrates with popular voice assistants, enabling users to control connected devices through simple voice commands:

- Amazon Alexa
- Google Assistant

Users can go hands-free by using their voice to activate devices, control scenes and more.

## 1.2 Intended Audience

This user guide is designed for end users who want to utilize voice control for managing the devices within the PanL network.

## 1.3 Document References

Document Name	Document Type	Format
<a href="#">BRTSYS_AN_094_PSL_User_Guide_-_1._System_Installation</a>	Application Note/ User Guide	PDF
<a href="#">BRTSYS_AN_095_PSL_User_Guide_-_2._PanL_PD100_Display</a>		
<a href="#">BRTSYS_AN_096_PSL_User_Guide_-_3._PanL_PD40_Display</a>		
<a href="#">BRTSYS_AN_097_PSL_User_Guide_-_4._iOS_Mobile_App</a>		
<a href="#">BRTSYS_AN_098_PSL_User_Guide_-_5._Android_Mobile_App</a>		

## 1.4 Known Issues and Limitations

NA

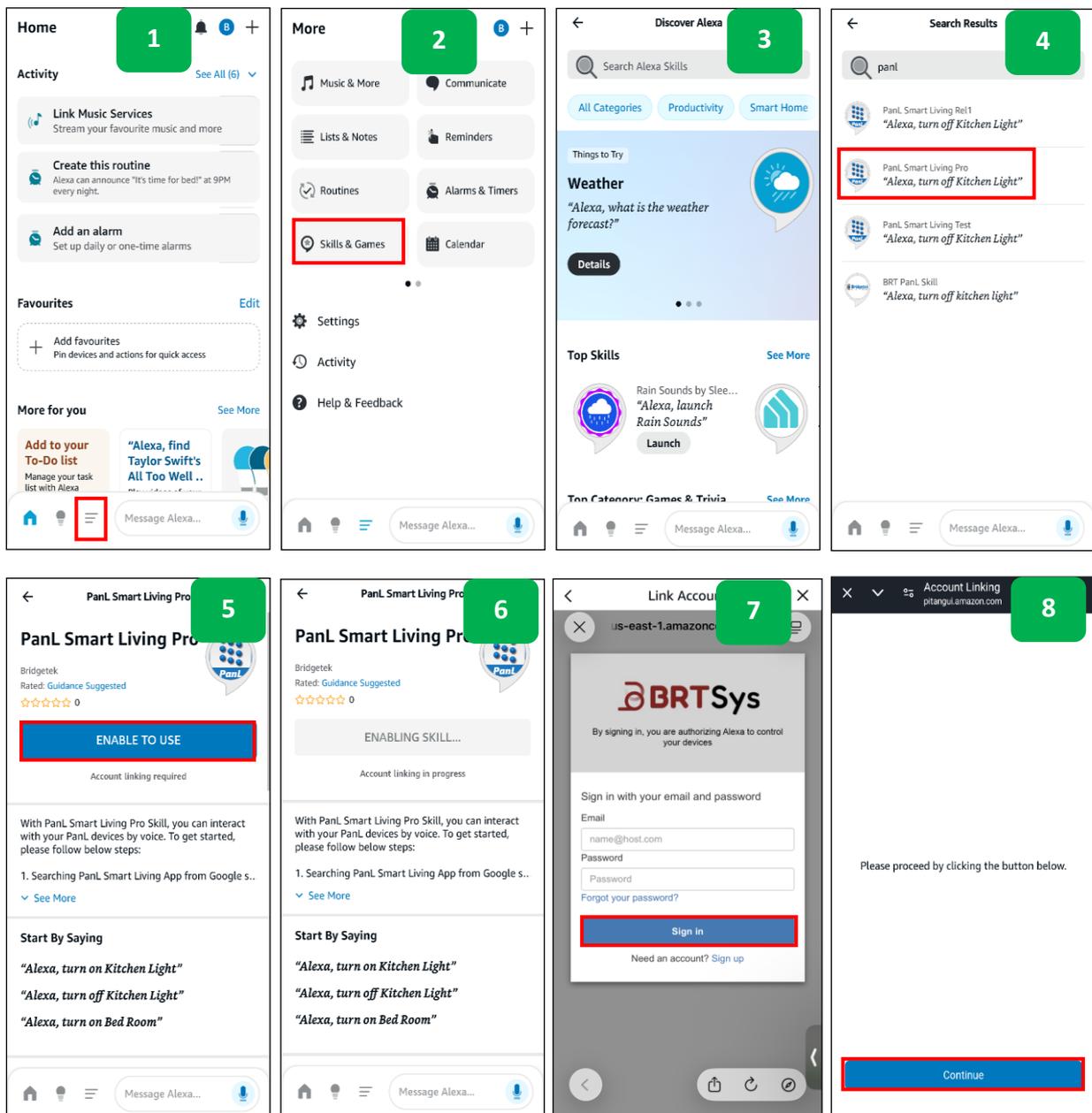
## 2 Amazon Alexa

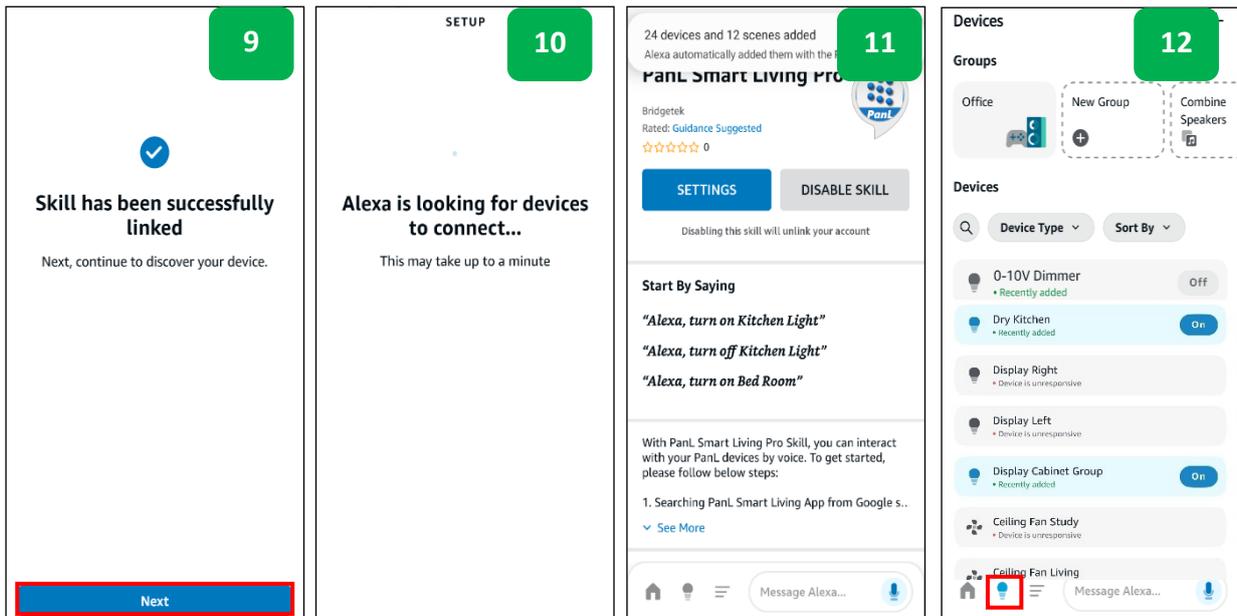
### 2.1 Prerequisites

To access PSL via Voice Assistants, the following requirements must be met:

- Users must have registered an account using the PanL Smart Living mobile app.
- A PanL Network should be setup/available.
- Amazon Alexa compatible device such as Amazon Echo, Fire TV etc.
- User must have an Alexa app setup. Follow [Download the Alexa App](#) for more information.

### 2.2 Linking PSL Skill in the Alexa App





To add Amazon Alexa voice control to the PSL network:

1. Open Alexa app. Select icon to view the *More* Menu.
2. Select [**Skills & Games**].
3. *Skills & Games* page will be displayed.
4. Search for *PanL* to view the available PSL skills. Select [**PanL Smart Living Pro**].
5. To link the skill, click on [**ENABLE TO USE**].
6. Enabling skill is in progress.
7. Enter PSL account credentials. Click [**Sign in**].
8. To proceed, click on [**Continue**].
9. Skill has been linked successfully. Click on [**Next**] to continue.
10. Alexa looks for devices to connect.
11. PSL Skill has been successfully linked and devices connected to the network will be automatically discovered.
12. Click on icon to view all the connected devices.

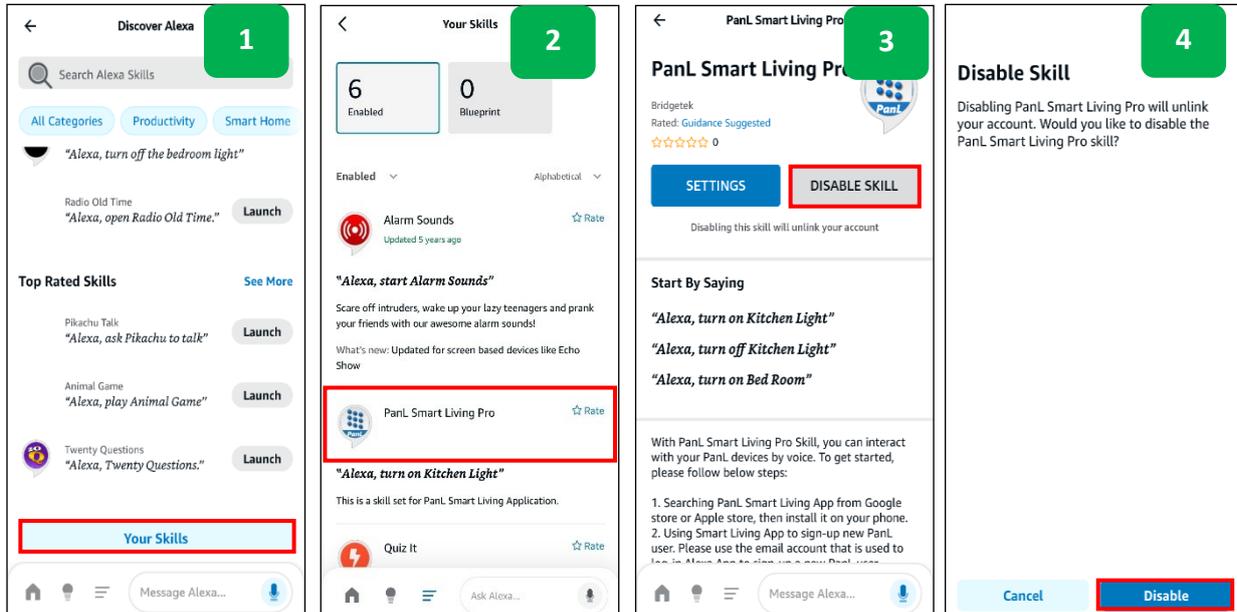
User can now proceed to control the connected devices/groups/rooms/zones/scenes/events using the voice commands listed in [Command List](#).

Here is an example of the notification screen after a successful voice command.



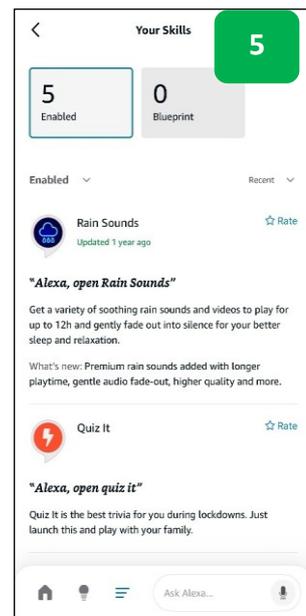
**Figure 1 - Notification Screen**

## 2.3 Unlinking PSL Skill from the Alexa App



To unlink PSL skill from Alexa:

1. On the Alexa app, navigate to *Skills & Games* page, click [**Your Skills**]
2. Select [**PanL Smart Living Pro**]
3. Click on [**DISABLE SKILL**]
4. Click on [**Disable**]
5. The skill will be removed from Alexa app.



## 2.4 Command List

Function	Commands
Discover devices	Alexa, discover devices
On/Off Request	Alexa turn ON/OFF <device name/group/room/zone/event>  <u>Example:</u> Alexa, turn on <i>living room light</i> Alexa, turn off <i>balcony fan group</i> Alexa, turn on <i>dining zone</i> Alexa, turn on <i>living room thermostat</i>
Light	Alexa, activate/de-activate <device name> Alexa, kill <device name> Alexa, power ON/OFF <device name> Alexa, switch ON/OFF <device name> Alexa, cut-off <device name>  <u>Example:</u> Alexa, activate <i>living room light</i> Alexa, kill <i>living room light</i> Alexa, power ON <i>dining room light</i> Alexa, switch OFF <i>study room light</i> Alexa, cut-off <i>living room light</i>
Light - Set Color Request	Alexa, change <device name> to <color> Alexa, set <device name> to <color> Alexa, make <device name> <color>  <u>Example:</u> Alexa, change <i>child room light</i> to <i>Blue</i> Alexa, set <i>child room light</i> to <i>Red</i> Alexa, make <i>foyer light</i> <i>Red</i>
Light - Percentage Request	Alexa, set brightness of <device name> to (0-100) percent Alexa, brighten/dim the <device name> to (0-100) percent  <u>Example:</u> Alexa, set brightness of <i>kitchen light</i> to 50 percent Alexa, brighten the <i>kitchen light</i> to 75 percent
Light - Relative Brightness Adjustment	Alexa, make the <device name> brighter/dimmer Alexa, set the <device name> brighter/dimmer Alexa, change the <device name> brighter/dimmer Alexa, increase/decrease <device name> brightness by (0-100) percent  <u>Example:</u> Alexa, make the <i>kitchen light</i> brighter Alexa, set the <i>living room light</i> dimmer Alexa, change the <i>foyer light</i> brighter Alexa, increase <i>foyer light</i> brightness by 20 percent
Thermostat	Alexa, activate/de-activate <device name> Alexa, kill <device name> Alexa, power ON/OFF <device name> Alexa, switch ON/OFF <device name> Alexa, cut-off <device name>  <u>Example:</u> Alexa, activate <i>meeting room aircon</i> Alexa, kill <i>meeting room aircon</i> Alexa, power ON <i>meeting room aircon</i> Alexa, cut-off <i>meeting room aircon</i>

<p>Thermostat – Temperature Request</p>	<p>Alexa, change &lt;device name&gt; temperature to &lt;Temperature&gt; degrees            Alexa, make &lt;device name&gt; temperature to &lt;Temperature&gt; degrees Celsius            Alexa, set &lt;device name&gt; temperature to &lt;Temperature&gt; degrees Fahrenheit            Alexa, increase/decrease &lt;device name&gt; temperature by &lt;Temperature&gt; degrees            Alexa, set &lt;device name&gt; to Cooling/Heating/Auto mode</p> <p><u>Example:</u>            Alexa, change <i>living room aircon</i> temperature to 22 degrees            Alexa, make <i>living room aircon</i> temperature to 20 degrees Celsius            Alexa, set <i>living room aircon</i> temperature to 75 degrees Fahrenheit            Alexa, decrease <i>living room aircon</i> temperature by 5 degrees.            Alexa, set <i>living room aircon</i> to <i>Cooling</i> mode</p>
<p>TV</p>	<p>Alexa, power ON/OFF &lt;device name&gt;            Alexa, switch ON/OFF &lt;device name&gt;            Alexa, kill &lt;device name&gt;            Alexa, cut off &lt;device name&gt;</p> <p><u>Example:</u>            Alexa, power ON <i>living room TV</i>            Alexa, switch OFF <i>living room TV</i>            Alexa, kill <i>living room TV</i>            Alexa, cut off <i>living room TV</i></p>
<p>Fan</p>	<p>Alexa, switch ON/OFF &lt;device name&gt;            Alexa, turn up/down &lt;device name&gt; fan speed</p> <p><u>Example:</u>            Alexa, switch OFF <i>living room fan</i>            Alexa, turn up <i>living room fan</i> fan speed</p>
<p>Curtain</p>	<p>Alexa, open/close &lt;device name&gt;            Alexa, raise/lower &lt;device name&gt;            Alexa, pull back/down &lt;device name&gt;            Alexa, open/close &lt;device name&gt; halfway</p> <p><u>Example:</u>            Alexa, open <i>living room curtain</i>            Alexa, lower <i>study room blind</i>            Alexa, pull down <i>study room blind</i>            Alexa, open <i>living room curtain</i> halfway            Alexa, is <i>living room curtain</i> open</p>
<p>Speaker</p>	<p>Alexa mute/unmute &lt;device name&gt;            Alexa, set the volume of &lt;device name&gt; to &lt;value&gt;            Alexa, next &lt;device name&gt;            Alexa, previous &lt;device name&gt;            Alexa, pause &lt;device name&gt;            Alexa, stop &lt;device name&gt;            Alexa, play &lt;device name&gt;</p> <p><u>Example:</u>            Alexa, mute <i>living room speaker</i>            Alexa, set the volume of <i>living room speaker</i> to 50            Alexa, next <i>living room speaker</i>            Alexa, previous <i>living room speaker</i>            Alexa, pause <i>living room speaker</i>            Alexa, stop <i>living room speaker</i>            Alexa, play <i>living room speaker</i></p>
<p>Speaker – Volume Control</p>	<p>Alexa, increase/decrease &lt;device name&gt; volume by (0-100) percent</p>

	<p>Alexa, increase/decrease &lt;device name&gt; volume          Alexa, turn up/down &lt;device name&gt; volume          (By default, the volume increases or decreases by 5 levels)</p> <p><u>Example:</u>          Alexa, decrease living room speaker volume by 20 percent          Alexa, increase living room speaker volume          Alexa, turn up living room speaker volume</p>
Group and Zone Control	<p>Alexa, activate &lt;group/zone&gt;</p> <p><u>Example:</u>          Alexa, activate living room zone</p>
Event Control	<p>Alexa, activate &lt;event name&gt;          Alexa, turn ON/OFF All PSL events</p> <p><u>Example:</u>          Alexa, activate movie night</p>
Scene Control	<p>Alexa, &lt;turn on/enable/activate&gt; &lt;scene name&gt;</p> <p><u>Example:</u>          Alexa, turn on sunrise scene          Alexa, enable morning scene          Alexa, activate morning scene</p>
Check Commands	<p><u>Light:</u> Alexa, is the &lt;device name&gt; turned ON/activated</p> <p><u>Curtain:</u> Alexa, is &lt;device name&gt; open/lower</p>

**Table 1 - Amazon Alexa Command List**



**NOTE:**

Device/Group/Room/Zone/Scene/Event names correspond to how they are configured in the PSL app.

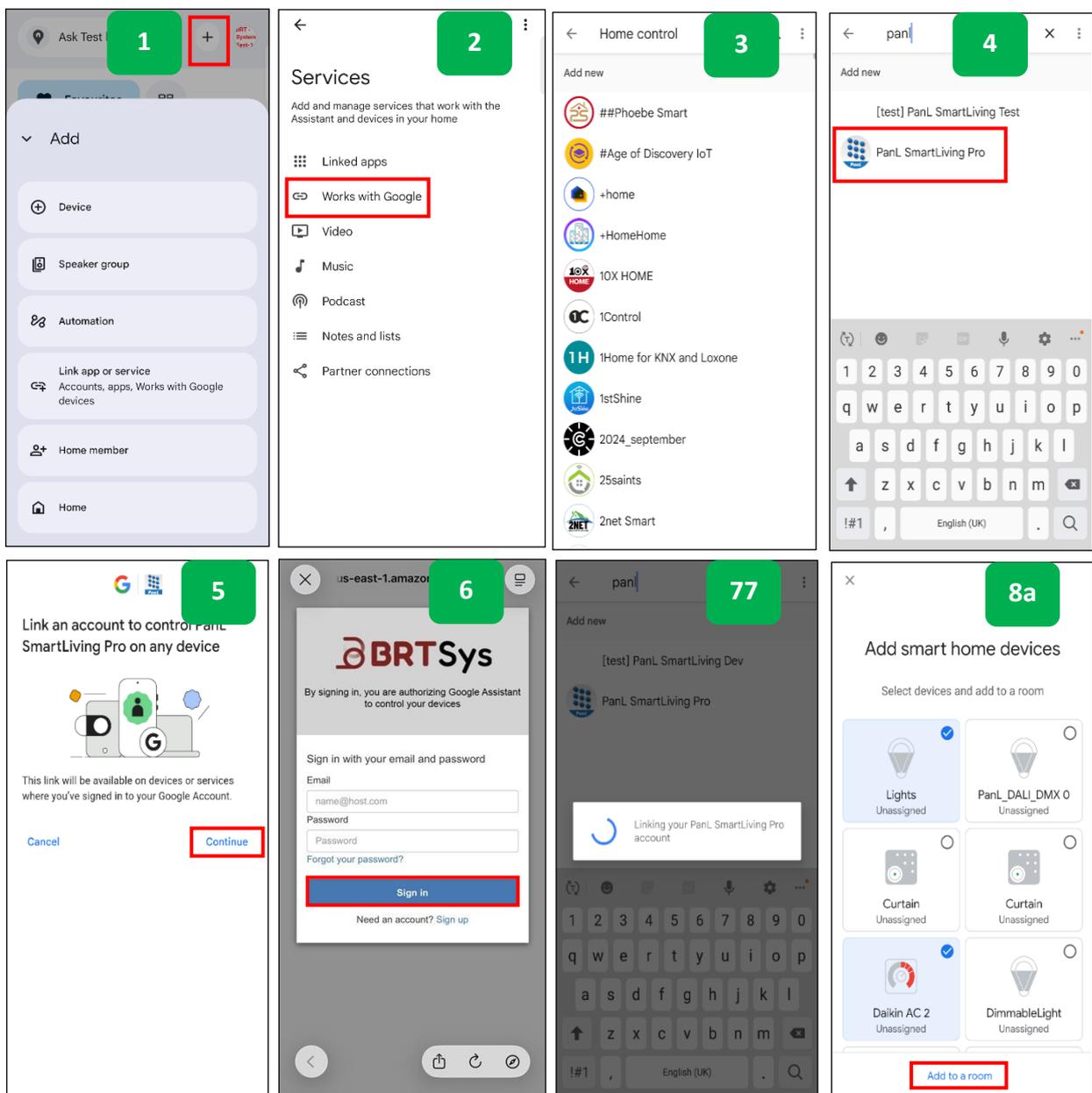
## 3 Google Assistant

### 3.1 Prerequisites

To access PSL through Google assistant, the following requirements must be met:

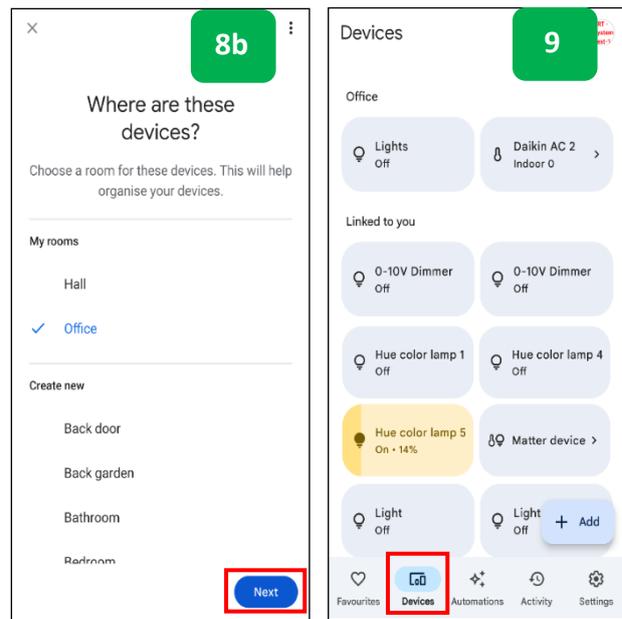
- User must have registered an account using the PanL Smart Living mobile app.
- A PanL Network should be setup/available.
- Google Assistant compatible device such as Nest, Google TV etc.
- User must have the Google Home App installed and Google Assistant set up. Refer to [Download Google Home App](#) for more information.

### 3.2 Linking PSL Service with Google Assistant



To link Google Assistant Voice control to the PSL Network-

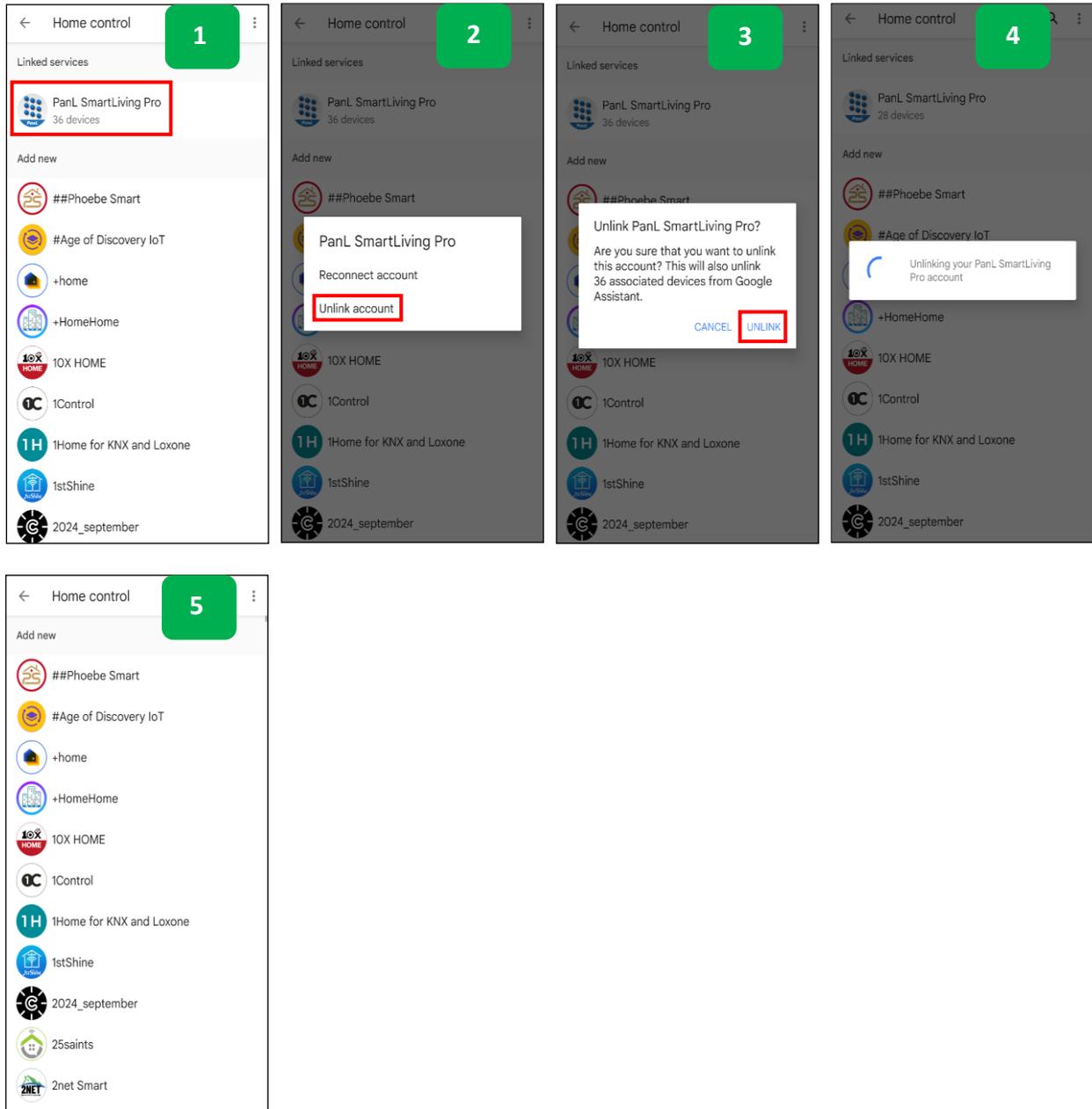
1. In Google Home app, select + to open the available features and select [**Link app or service**] option.
2. Select [**Works with Google**]
3. List of available services will be displayed.
4. Select [**PanL Smart Living Pro**] to select the service.
5. User will be asked to link the PSL account to the Google Home app. Click on [**Continue**] to proceed.
6. Enter PSL account credentials and tap on [**Sign In**] to continue.
7. Account linking is in progress.
8. User has the option to:
  - a. Select devices to be added to a room. Click on [**Add to a room**] to proceed.
  - b. Select the room. On clicking [**Next**], the selected devices will be added to the room.
9. User can go to *Devices* page to view the connected devices and their respective status.



User can now proceed to control the various connected devices/groups/rooms/zones/scenes using the commands listed in [Command List](#).

Refer to [Figure 1](#) for an example of the notification screen after a successful voice command.

### 3.3 Unlinking PSL Service from Google Assistant



To unlink PSL Service from Google Assistant:

1. In the Google Home app, navigate to the *Works with Google* section on the *Services* page, find and click on [**PanL SmartLiving Pro**].
2. Select [**Unlink account**] to remove PSL Service from the Google Home app.
3. To confirm, click on [**UNLINK**].
4. Unlinking is in progress.
5. The service will be removed from the Google Home app.

### 3.4 Command List

Function	Commands
Discover devices	Hey Google, sync devices
On/Off Request	Hey Google, turn on/off <device name/group/room/zone/event>  <u>Example:</u> Hey Google, turn on <i>living room light</i> Hey Google, turn off <i>office fan</i> Hey Google, turn on <i>dining zone</i> Hey Google, turn on <i>living room thermostat</i>
Light	Hey Google, activate/de-activate <device name> Hey Google, kill <device name> Hey Google, power ON/OFF <device name> Hey Google, switch ON/OFF <device name> Hey Google, cut-off <device name>  <u>Example:</u> Hey Google, activate <i>kitchen light</i> Hey Google, kill <i>study room light</i> Hey Google, switch OFF <i>office light</i> Hey Google, cut-off <i>living room light</i>
Light - Set Color Request	Hey Google, change <device name> to <color> Hey Google, set <device name> to <color> Hey Google, make <device name> <color>  <u>Example:</u> Hey Google, change <i>child room light</i> to <i>Blue</i> Hey Google, set <i>child room light</i> to <i>Red</i> Hey Google, make <i>study room light</i> <i>warm white</i>
Light - Percentage Request	Hey Google, set brightness of <device name> to (0-100) percent Hey Google, brighten/dim the <device name> to (0-100) percent  <u>Example:</u> Hey Google, set brightness of <i>kitchen light</i> to 50 percent Hey Google, brighten the <i>kitchen light</i> to 75 percent
Light - Relative Brightness Adjustment	Hey Google, make the <device name> brighter/dimmer Hey Google, set the <device name> brighter/dimmer Hey Google, increase/decrease <device name> Brightness by (0-100) percent  <u>Example:</u> Hey Google, make the <i>living room light</i> brighter Hey Google, set the <i>living room light</i> dimmer Hey Google, increase <i>living room light</i> brightness by 20 percent
Thermostat	Hey Google, activate/de-activate <unique device name> Hey Google, kill <unique device name> Hey Google, power ON/OFF <unique device name> Hey Google, switch ON/OFF <unique device name> Hey Google, cut-off <unique device name> Hey Google, set <unique device name> (AC) speed to low/medium/high  <u>Example:</u> Hey Google, de-activate <i>meeting room aircon</i> Hey Google, kill <i>meeting room aircon</i> Hey Google, power ON <i>meeting room aircon</i> Hey Google, switch ON <i>meeting room aircon</i> Hey Google, cut-Off <i>meeting room aircon</i>

	Hey Google, set <i>home aircon (AC)</i> speed to low
Thermostat – Temperature Request	<p>Hey Google, change <i>&lt;unique device name&gt;</i> (AC) temperature to <i>&lt;Temperature&gt;</i> degrees            Hey Google, make <i>&lt;unique device name&gt;</i> (AC) temperature to <i>&lt;Temperature&gt;</i> degrees Celsius            Hey Google, set <i>&lt;unique device name&gt;</i> (AC) temperature to <i>&lt;Temperature&gt;</i> degrees Fahrenheit            Hey Google, increase/decrease <i>&lt;device name&gt;</i> temperature by <i>&lt;Temperature&gt;</i> degrees            Hey Google, set <i>&lt;unique device name&gt;</i> to Cooling/Heating/Auto mode</p> <p><u>Example:</u>            Hey Google, change <i>living room aircon</i> (AC) temperature to 22 degrees            Hey Google, make <i>living room aircon</i> (AC) temperature to 20 degrees Celsius            Hey Google, set <i>living room aircon</i> (AC) temperature to 75 degrees Fahrenheit            Hey Google, decrease <i>living room aircon</i> (AC) temperature by 5 degrees.            Hey Google, set <i>living room aircon</i> to <i>Cooling</i> mode</p>
Curtain	<p>Hey Google, open/close <i>&lt;device name&gt;</i>            Hey Google, raise/lower <i>&lt;device name&gt;</i>            Hey Google, shut down <i>&lt;device name&gt;</i>            Hey Google, pull down <i>&lt;device name&gt;</i></p> <p><u>Example:</u>            Hey Google, open <i>living room curtain</i>            Hey Google, lower <i>study room blind</i>            Hey Google, shut down <i>study room blind</i>            Hey Google, pull down <i>study room blind</i></p>
Fan	<p>Hey Google, switch ON/OFF <i>&lt;device name&gt;</i>            Hey Google, increase/decrease <i>&lt;device name&gt;</i> fan speed            Hey Google, turn up/down <i>&lt;device name&gt;</i> fan speed</p> <p><u>Example:</u>            Hey Google, switch ON <i>living room fan</i>            Hey Google, decrease <i>living room fan</i> fan speed            Hey Google, turn up <i>living room fan</i> fan speed</p>
TV	<p>Hey Google, power ON/OFF <i>&lt;device name&gt;</i>            Hey Google, switch ON/OFF <i>&lt;device name&gt;</i>            Hey Google, kill <i>&lt;device name&gt;</i>            Hey Google, cut off <i>&lt;device name&gt;</i></p> <p><u>Example:</u>            Hey Google, power ON <i>living room TV</i>            Hey Google, switch ON <i>living room TV</i>            Hey Google, kill <i>living room TV</i>            Hey Google, cut off <i>living room TV</i></p>
Speaker	<p>Hey Google, unmute <i>&lt;device name&gt;</i>            Hey Google, set volume of <i>&lt;device name&gt;</i> to <i>&lt;value&gt;</i>            Hey Google, next <i>&lt;device name&gt;</i>            Hey Google, previous <i>&lt;device name&gt;</i>            Hey Google, pause <i>&lt;device name&gt;</i>            Hey Google, stop <i>&lt;device name&gt;</i>            Hey Google, resume <i>&lt;device name&gt;</i></p> <p><u>Example:</u>            Hey Google, mute <i>living room speaker</i>            Hey Google, set volume of <i>living room speaker</i> to 50</p>

	<p>Hey Google, next <i>living room speaker</i></p> <p>Hey Google, previous <i>living room speaker</i></p> <p>Hey Google, pause <i>living room speaker</i></p> <p>Hey Google, stop <i>living room speaker</i></p> <p>Hey Google, resume <i>living room speaker</i></p>
Speaker – Volume Control	<p>Hey Google, increase/decrease &lt;<i>device name</i>&gt; volume by (0-100) percent</p> <p>Hey Google, increase/decrease &lt;<i>device name</i>&gt; volume (By default, the volume increases or decreases by 5 levels)</p> <p><u>Example:</u> Hey Google, decrease <i>living room speaker</i> volume by 20 percent Hey Google, increase <i>living room speaker</i> volume</p>
Group and Zone Control	<p>Hey Google, activate/deactivate &lt;<i>group/zone</i>&gt;</p> <p><u>Example:</u> Hey Google, activate <i>living room zone</i></p>
Event Control	<p>Hey Google, activate/deactivate &lt;<i>event name</i>&gt;</p> <p>Hey Google, turn ON/OFF all event</p> <p><u>Example:</u> Hey Google, activate <i>movie night</i></p>
Scene Control	<p>Hey Google, turn on/activate &lt;<i>scene name</i>&gt;</p> <p><u>Example:</u> Hey Google, turn on <i>sunrise scene</i></p>
Check Commands	<p><u>Light:</u> Hey Google, is the &lt;<i>device name</i>&gt; turned ON. Hey Google, check the status of &lt;<i>device name</i>&gt; Hey Google, is the &lt;<i>device name</i>&gt; switched ON. Hey Google, is the &lt;<i>device name</i>&gt; activated. Hey Google, what is the brightness of &lt;<i>device name</i>&gt;</p> <p><u>Speaker:</u> Hey Google, is &lt;<i>device name</i>&gt; turned ON Hey Google, is &lt;<i>device name</i>&gt; activated Hey Google, is &lt;<i>device name</i>&gt; powered ON Hey Google, is &lt;<i>device name</i>&gt; switched ON</p> <p><u>Thermostat:</u> Hey Google, is &lt;<i>device name</i>&gt; turned ON Hey Google, is &lt;<i>device name</i>&gt; activated Hey Google, is &lt;<i>device name</i>&gt; switched ON Hey Google, what is the &lt;<i>device name</i>&gt; temperature Hey Google, what is the &lt;<i>device name</i>&gt; mode Hey Google, what is the &lt;<i>device name</i>&gt; fan speed</p> <p><u>Fan:</u> Hey Google, is the &lt;<i>device name</i>&gt; ON Hey Google, is the &lt;<i>device name</i>&gt; Turned ON</p> <p><u>Curtain:</u> Hey Google, is &lt;<i>device name</i>&gt; OPEN</p> <p><u>TV:</u> Hey Google, is the &lt;<i>device name</i>&gt; turned ON Hey Google, is the &lt;<i>device name</i>&gt; switched ON</p> <p><u>Group:</u> Hey Google, is &lt;<i>group name</i>&gt; switched ON</p>

	Hey Google, is <group name> activated <u>Zone:</u> Hey Google, is <zone name> turned ON Hey Google, is <zone name> activated
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**Table 2 - Google Assistant Command List****NOTE:**

Device/Group/Room/Zone/Scene names correspond to how they are configured in the PSL app.

## 4 Appendix

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### 4.1 List of Supported Devices

#### 4.1.1 List of Alexa Devices

All devices that support Alexa voice commands are supported by PanL Smart Living.

- Echo Dot (5th Gen/Kids)
- Echo Show 8 / 10 / 15 / 21
- Echo Studio
- Echo Frame
- Echo Pop/Kids
- Echo Dot Max
- Echo Spot
- Fire TV Stick 4K / Cube
- Smart TVs (Alexa Built-in)

#### 4.1.2 List of Google Assistant Devices

All devices that support Google voice commands are supported by PanL Smart Living.

- Google Nest Mini
- Google Nest Hub
- Google Nest Audio
- Google Home Mini / Max
- Chromecast with Google TV
- Android TV with Google Assistant
- Google Nest Hub Max

### 4.2 Acronyms/ Abbreviations

Acronym	Definition
PSL	PanL Smart Living

### 4.3 List of Figures

**Figure 1 - Notification Screen** ..... 5

### 4.4 List of Tables

**Table 1 - Amazon Alexa Command List** ..... 9

**Table 2 - Google Assistant Command List** ..... 16

## Revision History

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Document Title : BRTSYS\_AN\_099 PSL User Guide - 6. Voice Assistants  
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Document Feedback : [Send Feedback](#)

Revision	Changes	Date
Version 1.0	Initial Release for PSL Version 4.1.0	15-09-2025
Version 2.0	Updated Release for PSL Version 4.2.0	23-02-2026