CINCON *iDALI*

Dimmer Control

USER MANUAL

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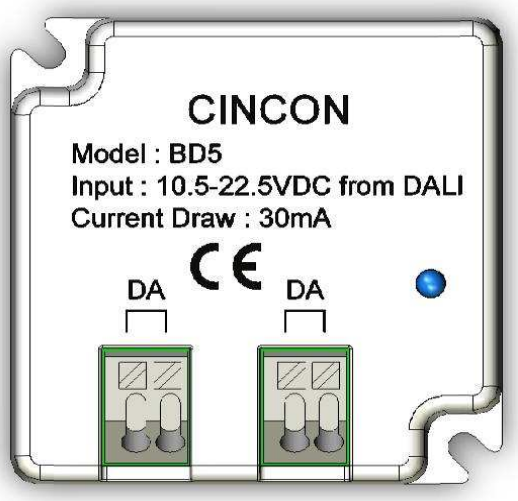
● Introduction to *iDALI*

iDALI is a DALI (IEC62386) Protocol compliant digital lighting control solution. With a BD5 (see picture below), and the iDALI app on your cell phone, you can configure all of your LED lighting devices wirelessly, offering you a whole new lifestyle.

● Inside the Package



BD5

Screws

Minimum System Requirements

1. Bluetooth 4.0 BLE
2. Operating System
   iOS 6 or later version
   Android 4.3 or later version
3. App
   iOS: iDALI Pro
   iDALI (free)
   Android: iDALI (free)

iDALI	iDALI Pro
Remote on/off, scene, group dimming	Remote on/off, scene, group dimming
	Enables editing and grouping, simplifying DALI device planning.

Notes:

1. The iDALI app is available in the Apple app Store and Google Play Store. Choose the iPhone app even if you use iPad.
2. BD5 Setting Initialization Time: 160s for DALI data synchronization and collection.

   BD5 Power-On/Start-Up Time: 30s for DALI data synchronization and collection.

BD5 Specifications

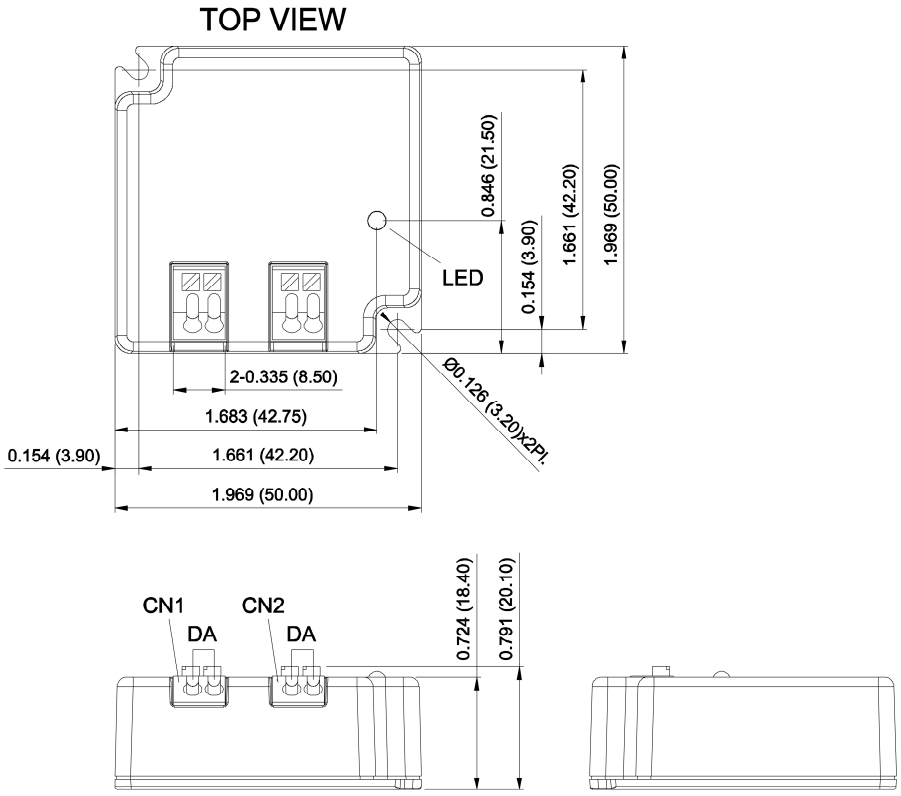
BD5 is a Bluetooth 4.0 (BLE) interface between your DALI devices and the iDALI app on your mobile phone. You can easily control your lights and create light scenes for every moment anywhere, anytime.

1. Power from DALI bus: 10.5~22.5Vdc

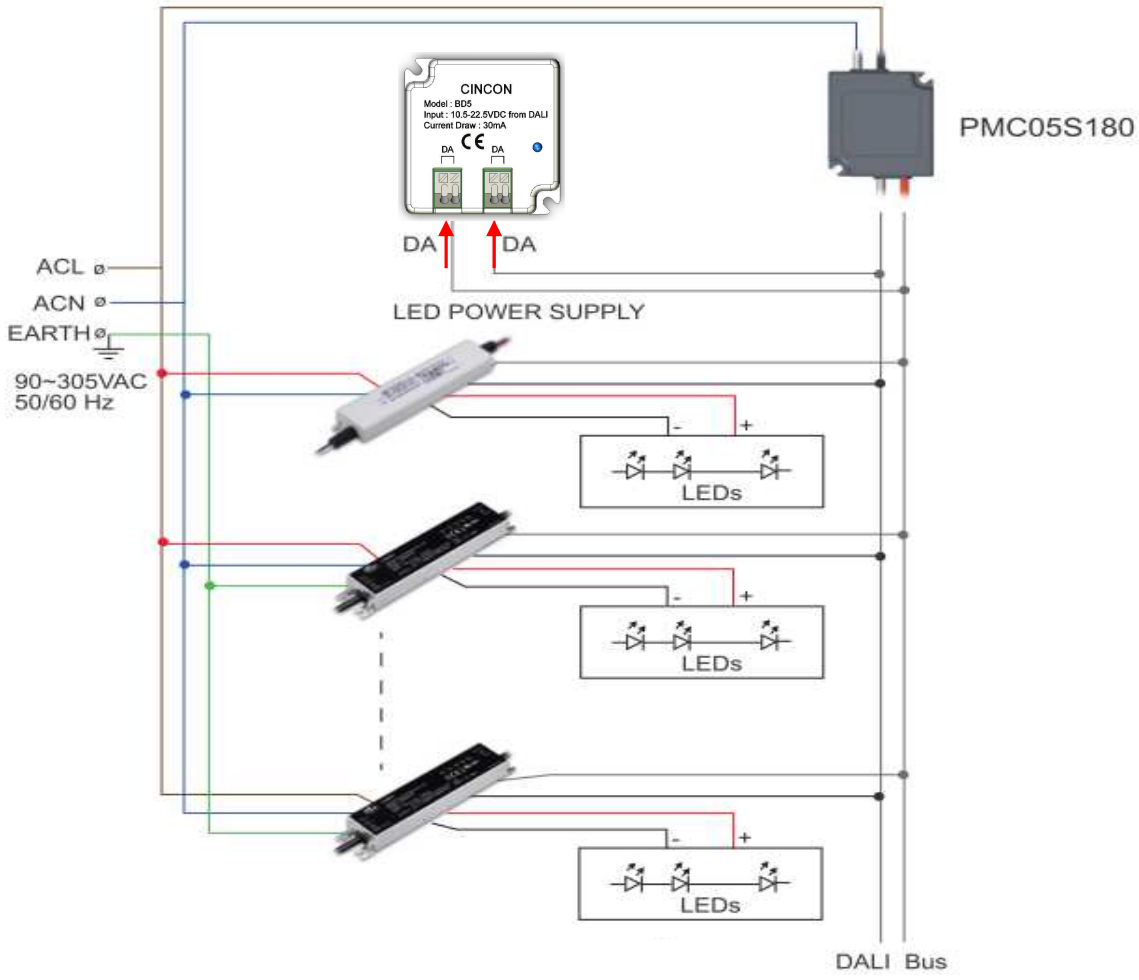
2. Current Draw: 30mA

3. Maximum Effective Distance: 10m (open area)

5. Operating Temperature: 0~50°C



● Installation

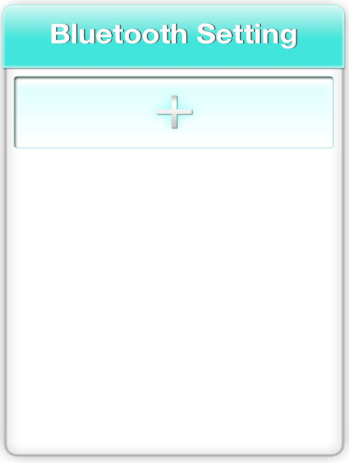


BD5 Expandability:

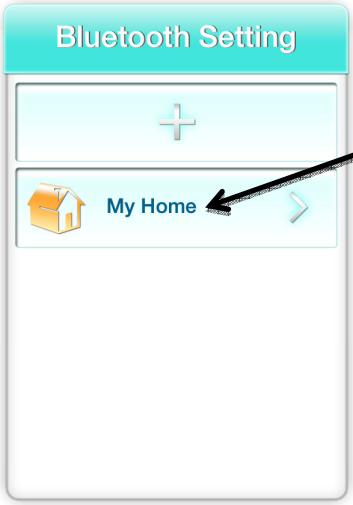
Additional BD5s (up to a total of two) may be added to the DALI Bus to extend remote control range.

BD5 Installation:

- Install BD5 to DALI Bus properly and the LED will begin to flash. This indicates that the BD5 is collecting system information, which will take about 30s. When the indicator remains lit, data collection is complete. Do not operate iDALI during the information collection process.
- Download and Install iDALI app from app Store or Google play.
- Tap iDALI icon to start setup.

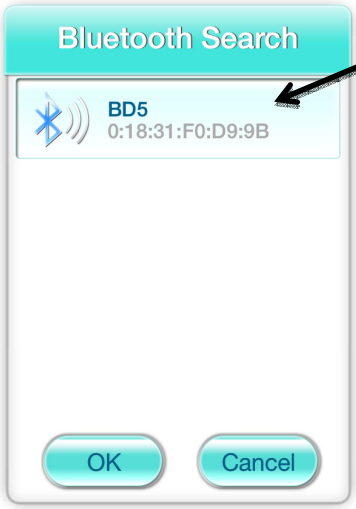


00 This is the screen you will see when you begin setup.



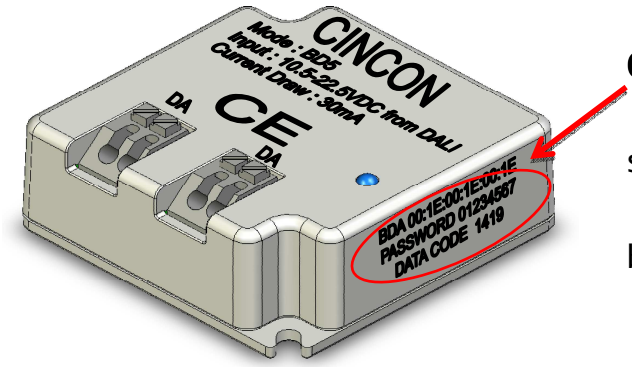
01 If your DALI system is registered, it will appear on the screen.

02 If you are setting up a new system, please create a name for the DALI system.



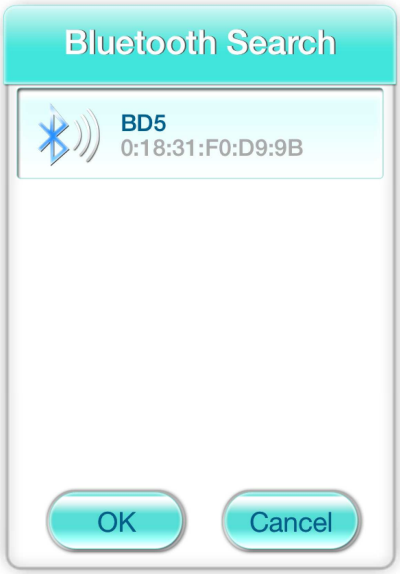
03 It will show all BD5s within your system. Select the BD5 you want to pair with your mobile device.

Each BD5 will have its own password and BDA code (e.g. 0:18:31:F0:D9:9B, as in the picture shown to the left). You will need to do this for every BD5 you wish to pair with your mobile device.

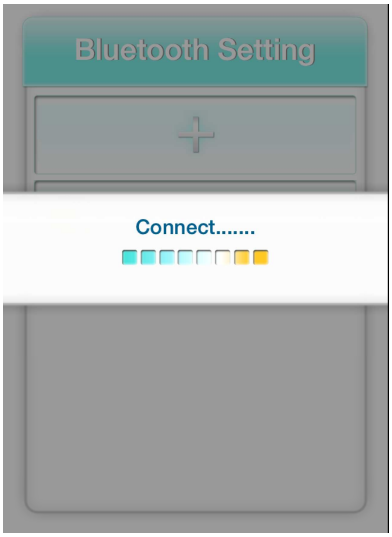


04 The password is located on the side of the BD5 and also on the back of this manual.

05 Here is where you enter the password (BT authentication code).

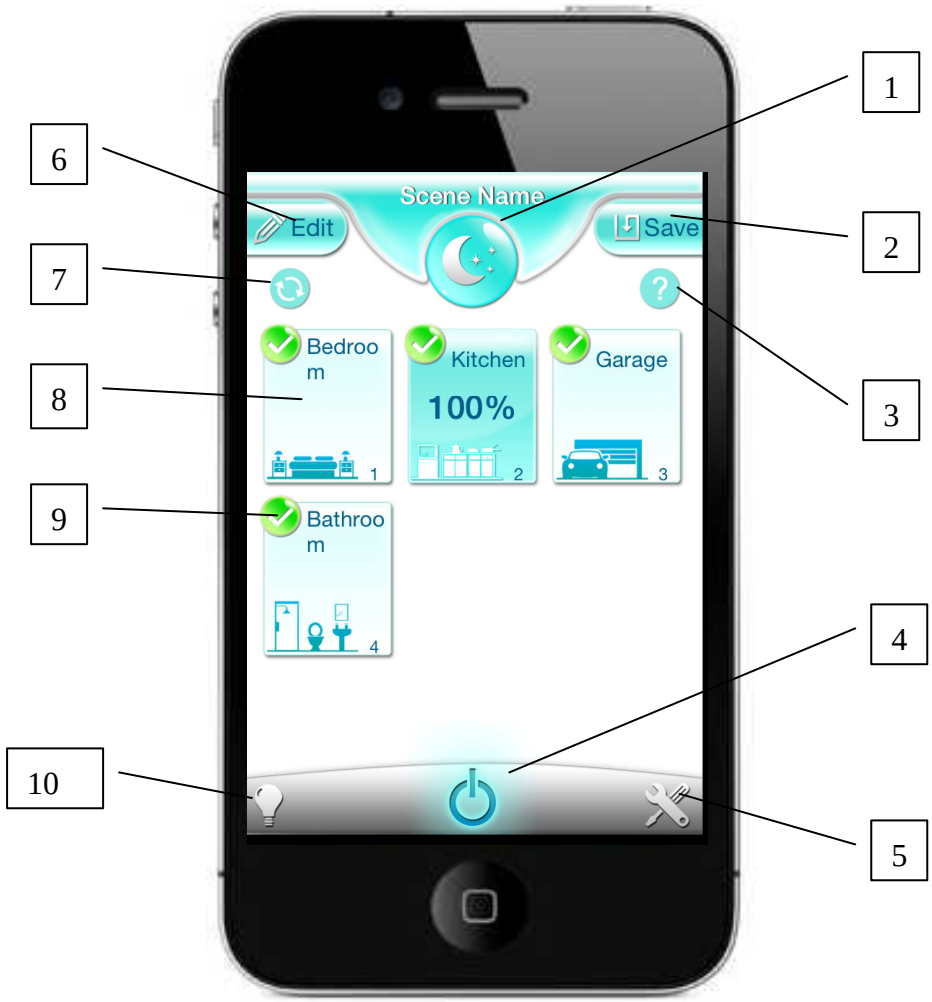


06 Press “OK”, and if your password is accepted, you the BD5 will attempt to connect to the DALI system (see **07**). *If you have entered the wrong password, you will need to try again.*



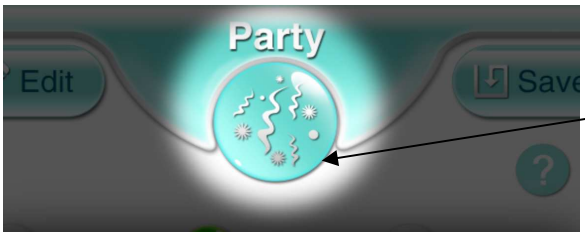
07 After connecting with DALI system, the setup of the BD5 is complete. *Remember, if you are pairing multiple BD5s, you will have to repeat this procedure for each BD5 you want to pair (see page 19 "Add BT Device").*

- **iDALI (free) Home Screen Functions**



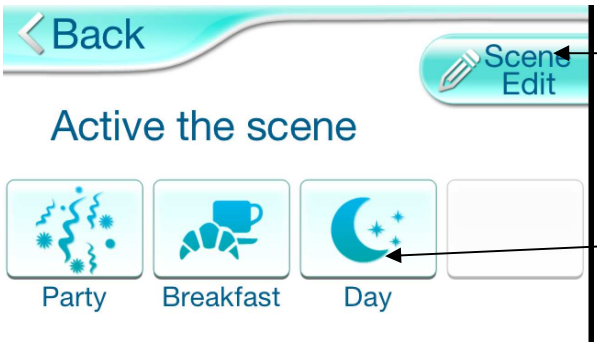
1. Scene: Edit/Recall a maximum of 16 scene settings.
2. Scene Memory Function: Store 16 scene settings max.
3. Quick Help: Tap on “?” button to enter quick help. Swipe left or right for other pages. Tap any area of the screen to leave help.
4. Power On/Off: Tap here to on/off the scenes. When the device is turned on again, its default setting is the first scene.
5. Setting: Logout/Add New BD5; iDALI Pro Extra Functions (i.e. Paring, Initialization, Light Setting)
6. Group Editing: Edit Group name and positioning.
7. Refresh: Detect devices and Group status.
8. Group: Tap a Group icon to turn on/off all devices within that Group. Hold for 1s to enter Brightness Adjustment page.
9. Selection Option: Only checked Groups are able to have their brightness adjusted in the Scene Broadcast.
10. Scene Broadcast: Adjust brightness of all selected Groups.

- Scene Recall and Edit



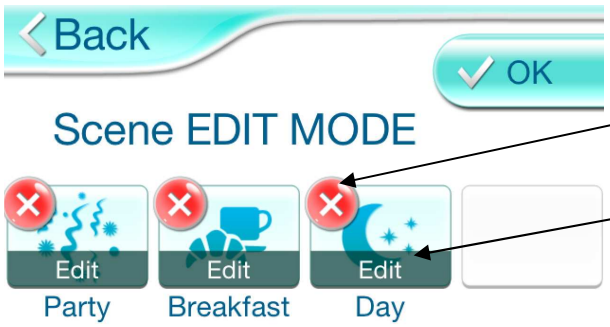
Scene Selection

Tap here.



Edit/Delete Scene name or icon

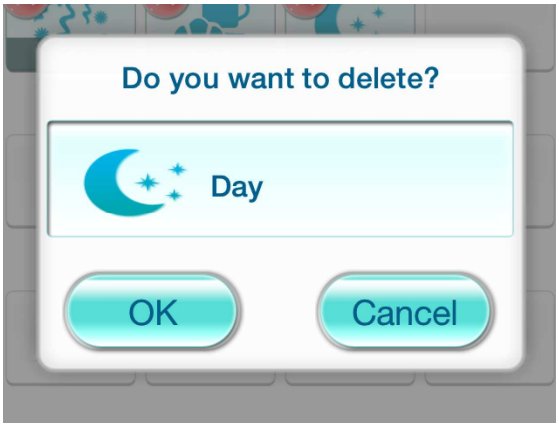
1. Select a Scene



Enter Edit Mode

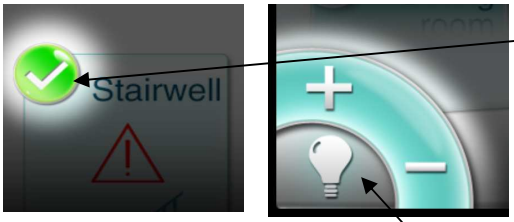
Delete Scene setting

Edit Scene name/icon



Confirm before deleting Scene

- Broadcast Brightness Adjustment



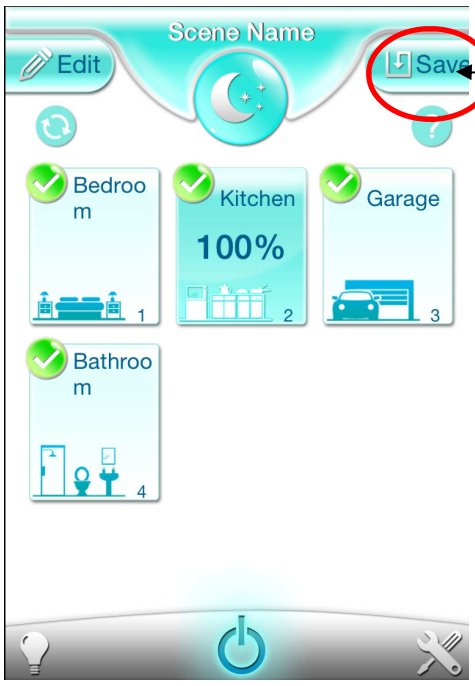
When a group is selected, a green check mark will appear, and this group can be controlled.

Adjusting Specific Groups

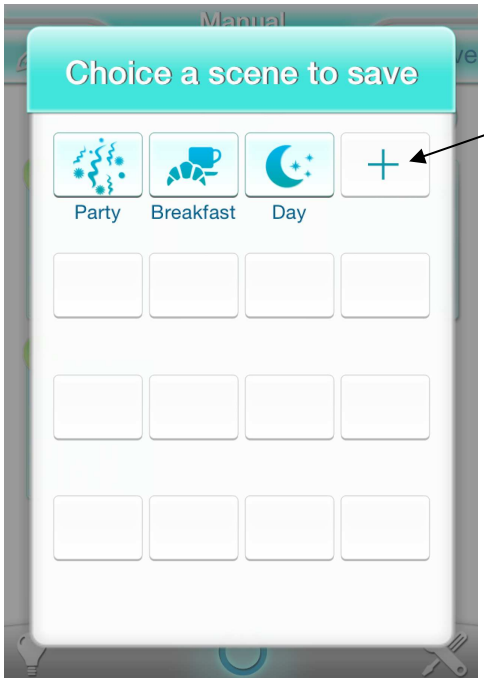
Tap here to open broadcast dimming panel.

Tap anywhere else to cancel or exit.

- Saving Scene Settings

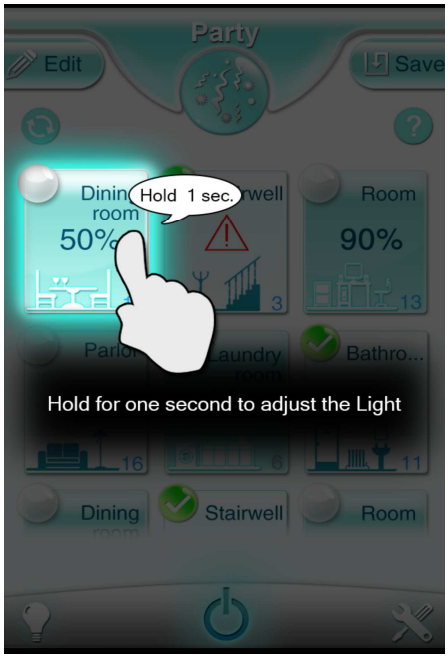


Tap here to save the current Scene settings.



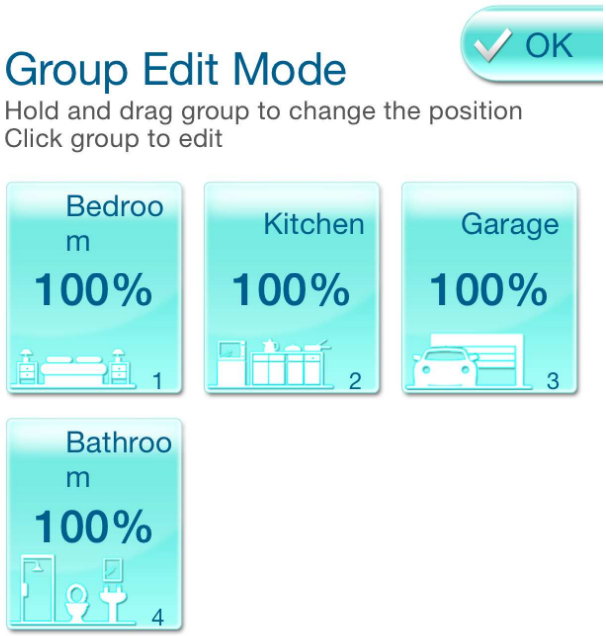
Up to 16 scenes can be created. Tap ”+” to add a new scene. Tap any Scene to overwrite previous setting. Once overwritten, the previous settings are NOT recoverable.

- Quick Help



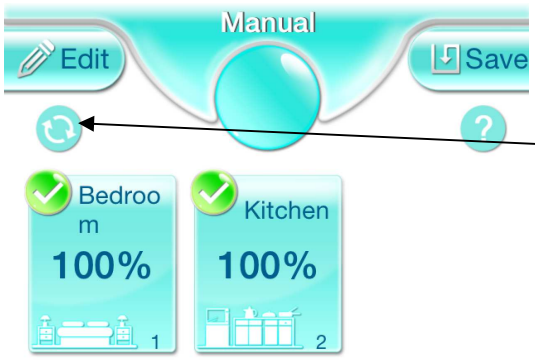
Tap on “?” button to enter Quick Help. Swipe left/right for other pages. Tap any area of the screen to leave help.

- Group Edit Mode



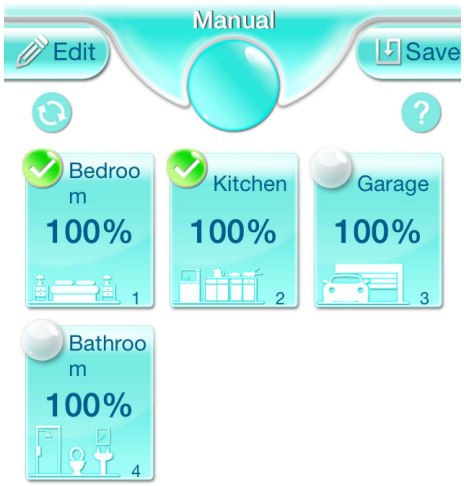
1. Change Group position
2. Edit Group name
3. Edit Group icon

- Update



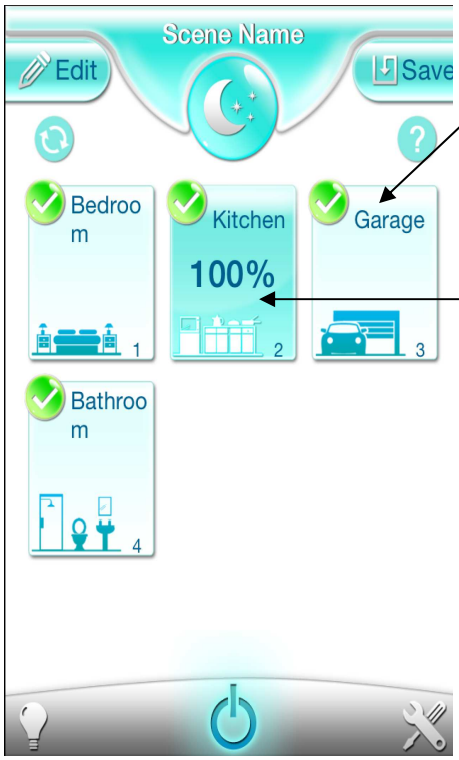
Tap Update icon to detect Group status

Waiting for the system to update the status of available Groups.



If new available Groups are detected, they will be shown on the main page.

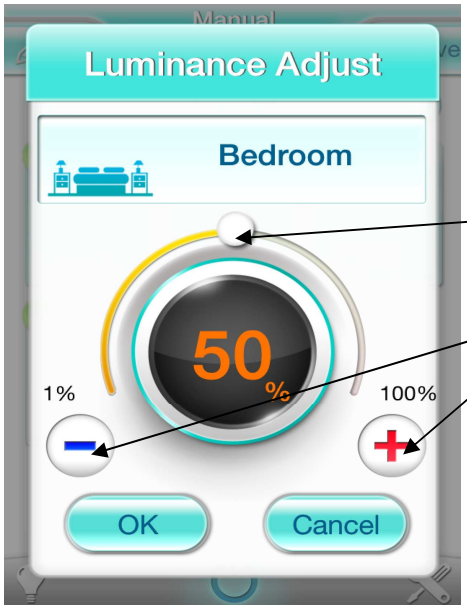
- Group Features



The icon background is white. This shows this group is currently OFF.

The icon background is light blue. This shows the Group is currently ON.

Hold group icon for 1 sec to enter brightness adjustment page



Shuttle and Jog (+/-) buttons can adjust brightness.

Shuttle Adjustment

Jog Adjustment

Tap “OK” to confirm setting and “Cancel” to return to the Main Menu.

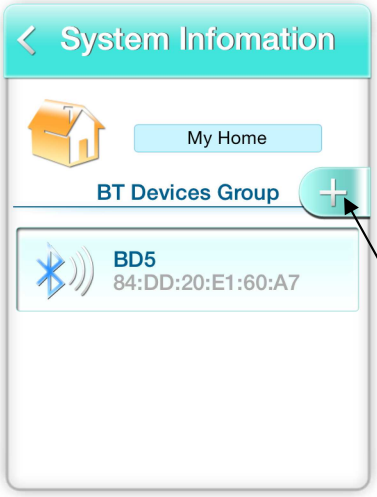
- Standard Functions

iDALI Free Version Features

Logout from current DALI Bus

and return to Bluetooth settings.

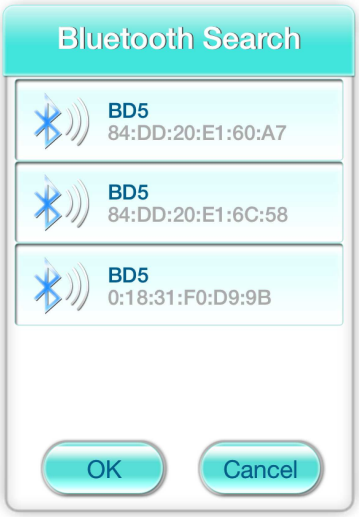
This is especially useful if you have more than one DALI system under the control of your mobile device.



Add new BD5 in current DALI Bus

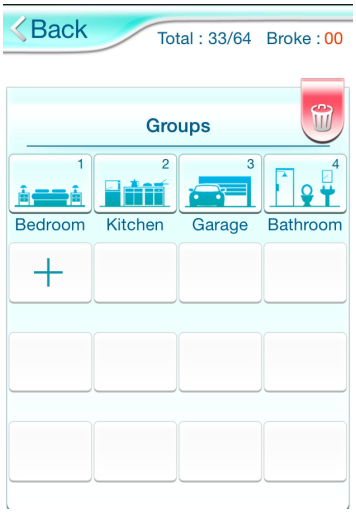
to extend remote control range

Tap “+” to add/search for new BD5s



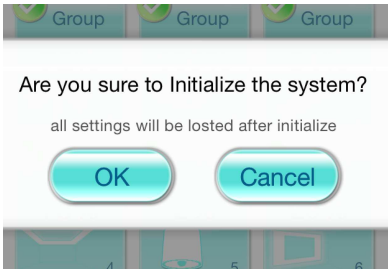
Tap the new BD5 to add it to the current DALI bus, and enter the password to enable this BD5.

- iDALI Pro Features



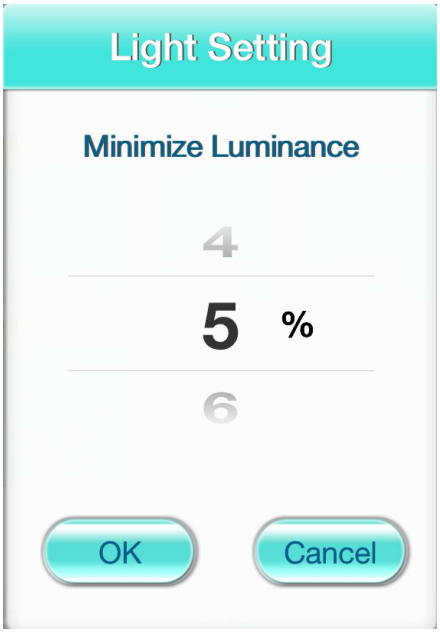
Paring: Create lighting groups

Please refer to help. Note that the maximum number of Groups is 16.



Initialize: Initialize all devices

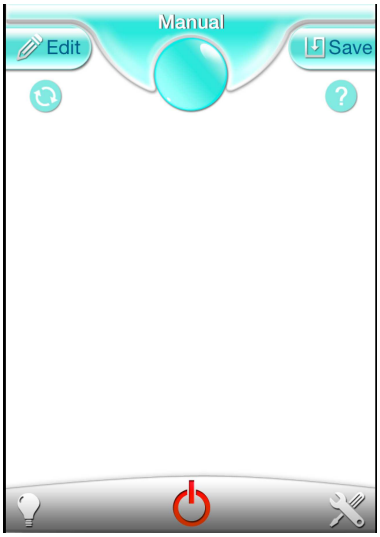
Please refer to help.



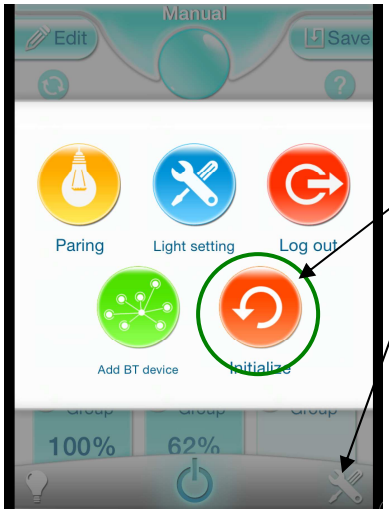
Light Setting: Users may set minimum brightness preferred.

- # Setup DALI System and BD5 with iDALI Pro App

If the DALI system has never been set up, it must be configured through the iDALI pro version (available on the Apple App Store Download on the App Store). It is highly recommended that a qualified technician perform the setup, as some changes can be altered without reinitializing the system (i.e. a complete reset).

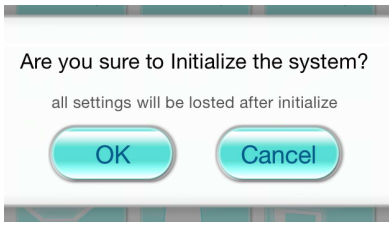


00 After Bluetooth connection (see page 8), enter the main menu.



01 Tap on Settings.

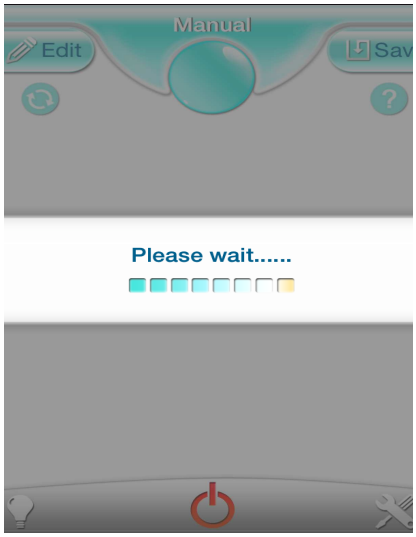
Select **Initialize** to request BD5 erase all previous groups and scenes, and re-address all devices. This process is irreversible, please consider carefully before taking this action.



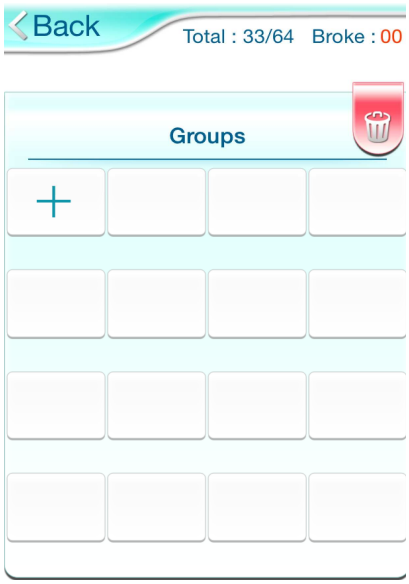
02 Warning information

Please select "**OK**".

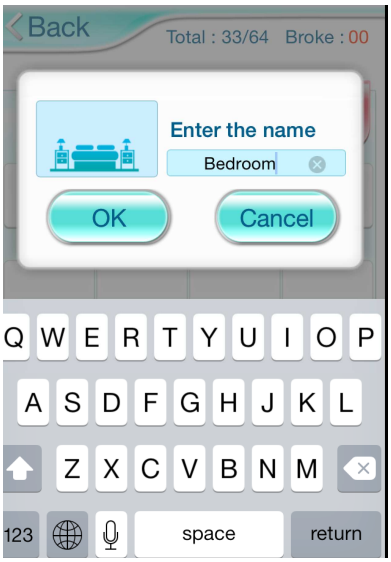
03 Enter the security lock password to proceed.



04 Waiting for initialization

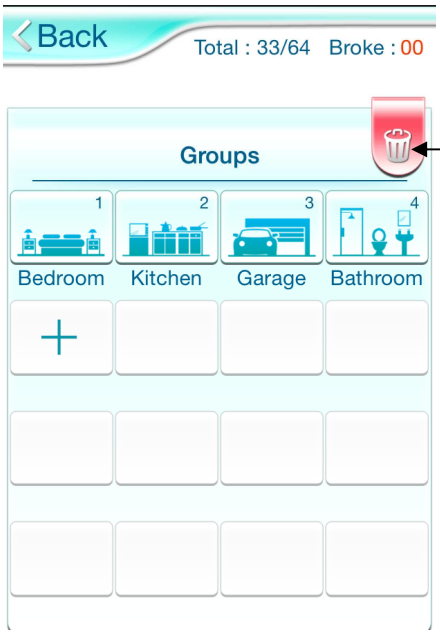


05 Tap “+” to set up/add new group.

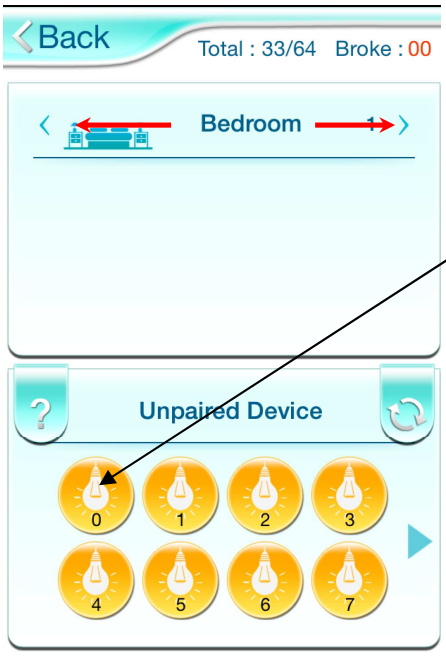


06 Set up new lighting

Group/name/icon



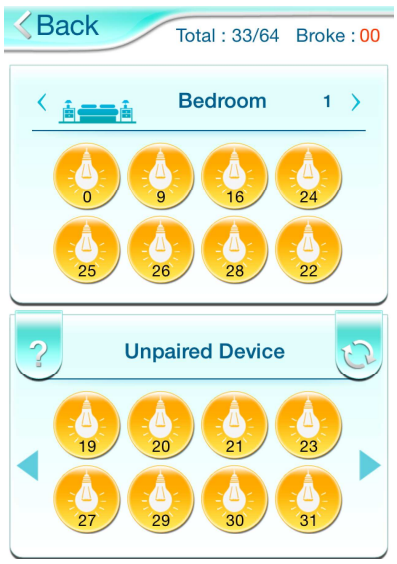
07 The default is to offer four groups. Existing groups can be deleted by dragging them to the **Trashcan icon.**



08 Tap on a specific group to enter the paring function.

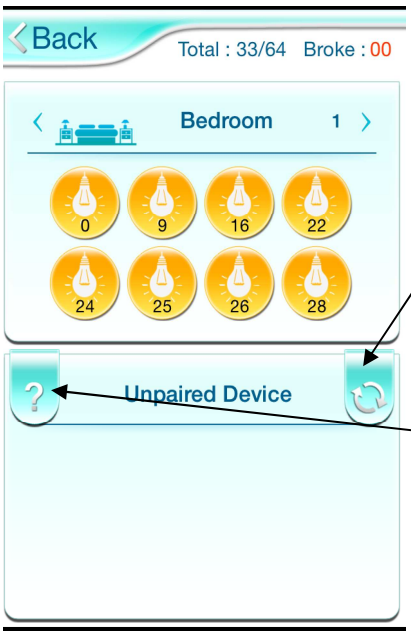
Tap on the device icons. The selected device will flash 3 times.

Note: If there are two lights which are being controlled by the same device number (i.e. a numbering conflict), press and hold for 3 sec to reset the numbers. One light will keep its number while the other light will be assigned the highest number.



09 Hold and drag icon from Unpaired zone to Group zone.

Then the device will be assigned to that Group.



10 Tap Refresh to detect new unpaired devices.

Help (for paring function)

11 Tap on the "?" button to enter Quick Help for Paring function.

Swipe left/right for other pages.

Tap any area of the screen to leave Help.