COMPASS CONTROL®

Compass Control® Modular System Guide:

PCS UPB Lighting Module

KD-ZRC300 Remote Control

PULSEWORX®

Video   Audio   Automation   Climate   Lights   Shades   Web   Security

Key digital®

Powerline Control Systems Lighting

PCS is a wireless home automation system that allows UPB Lighting to be controlled by your control system. All features may be integrated into your Key Digital Compass Control System.

Integrating UPB Lighting into a Compass Control KD-ZRC300 Modular Project

In order to use our KD-ZRC300 Remote to control UPB devices, you will need the Compass Navigator™ software.

- Simply create a new modular based project by clicking File, New, and then Modular based Project. Select a location and file name and click OK.

- Include the KD-ZRC300 Remote Controller by clicking on the dropdown options in the Controllers (iOS) section and choosing "Zigbee Remote". Add the remote to the system by clicking "Add iOS Device" to the right of the dropdown menu.

- Add the UPB module(s) from the Local Modules library. If you cannot see the module listed, ensure that Compass Navigator™ is up-to-date with the latest software version.

Please Note:

Pressing , then

in the following commands are redundant if ID and/or Mode is set once.

If different Category was selected, then user must re-select L/S/H button and LIGHT button to regain control.

KD-ZRC300 remote commands for UPB Lighting

Jump into Scene Control

Press [L/S/H], then [LIGHT], then [A]

Scene Panel On

Press [L/S/H], then [LIGHT], then [ON]

Scene Panel Off

Press [L/S/H], then [LIGHT], then [OFF]

Scene Panel Raise

Press [L/S/H], then [LIGHT], then [▲]

Scene Panel Lower

Press [L/S/H], then [LIGHT], then [▼]

Scene 1

Press [L/S/H], then [LIGHT], then [1], then [↵]

Scene 2

Press [L/S/H], then [LIGHT], then [2], then [↵]

Scene X

Press [L/S/H], then [LIGHT], then [X], then [↵]

Jump into Single Dimmer Control (Single Light/Group)

Press [L/S/H], then [LIGHT], then [B]

Select Dimmer to Control

Press [L/S/H], then [LIGHT], then ID Value

(0-255, according to UPB Setup) then [↵]

Dimmer On

Press [L/S/H], then [LIGHT], then [ON]

Dimmer Off

Press [L/S/H], then [LIGHT], then [OFF]

Dimmer Raise

Press [L/S/H], then [LIGHT], then [▲]

Dimmer Lower

Press [L/S/H], then [LIGHT], then [▼]

Set Dimmer to Value

Press [L/S/H], then [LIGHT], then Value

(0-100) then [↵]

*Available after Dimmer ID has been chosen

Compass Navigator Variables for UPB Module

This variable is used in the module for selecting a UPB Device ID:
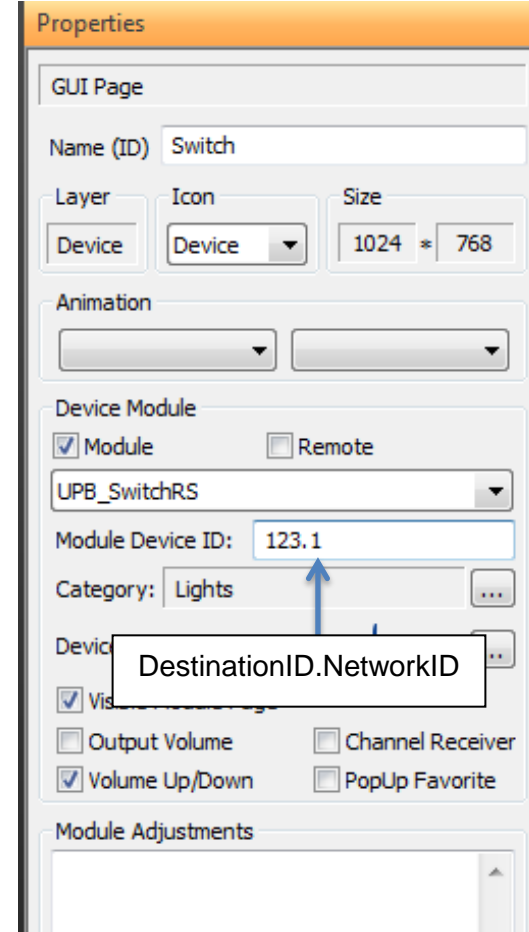
extern string ModuleDeviceID;

extern string UPB_DestinationID;

extern string UPB_NetworkID;

By default, these values are set to zero. To set these values, click on the page for the device on your iOS device in Compass Navigator. UPB_NetworkID corresponds directly to the network ID in UPStart and UPB_DestinationID corresponds to the Unit ID, whether it is a group or individual ID. On the properties for this page (as shown to the right, type in the values for UPB_DestinationID and UPB_NetworkID in this format:

UPB_NetworkID**.**UPB_DestinationID

Example: 123**.**1

Remote Default Button Assignments

ON/OFF
Turns on / off selected device

TV Selection
Sets remote to control TV

Cable Box Selection (Switch)
Sets Cable Box as source for display and remote will control Cable box

Blu-ray Player Selection (Switch)
Sets Blu-ray Player as source for display and remote will control Blu-ray Player

Audio/Video Receiver (Switch)
Sets AVR as source for display and remote will control AVR

DVR & Guide
Used for Cable box commands

Light
Sets remote mode to Lighting Control

Shades
Sets remote mode to Shade control

Video Control Buttons
Rewind / Stop / Play (Pause) / Fast-forward

Function Button "A"
Programmable button
Defaults to Red / "A" button for cable boxes

Heat
In HVAC, sets thermostat to Heat Mode

Apple TV (Switch)
Sets Apple TV as source for display and remote will control Apple TV

Security Mode Selection
Remote will control Security

Light/Shade/HVAC Mode Selection
Remote mode is set to LSH. MUST SELECT FROM LIGHT/SHADE/HVAC below

Control Arrows and Select
Navigates Up/Down/Left/Right
Selects current option

Exit
Exits current menu for selected source

Mute
Mutes selected source

Volume and Channel (Up/Down)
Adjusts volume and Channel up and down for selected mode

HVAC
Sets remote mode to HVAC Control

Numerical Buttons (0 to 9 + Enter)
Numbered buttons for general use

Function Button "B"
Programmable button
Defaults to Green / "B" button for cable boxes

Function Button "C"
Programmable button
Defaults to Blue / "C" button for cable boxes

Cool
In HVAC, sets thermostat to Cool Mode