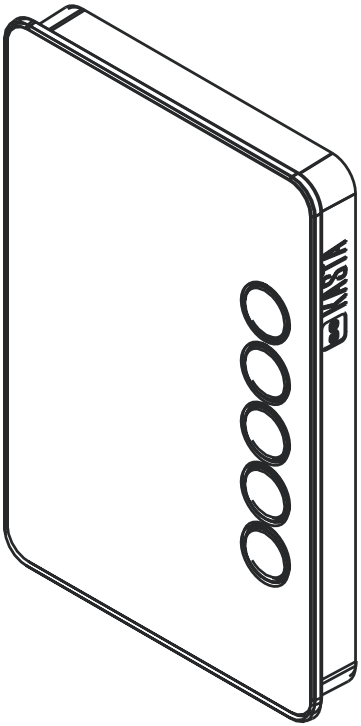
KASTA



H5MSMB-WH
H5MSMB-BK

Hesperus series Multivue

Smart 5-Button Multivue Screen

3 Year Warranty

User's Guide

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1.1 Product Range

This document covers the Hesperus Smart 5-Button Multivue Screen:

Catalogue Number	Description
H5MSMB-WH	HESPERUS Smart 5-Button Multivue Screen, White
H5MSMB-BK	HESPERUS Smart 5-Button Multivue Screen, Black

1.2 Important Notes

KASTA app must be downloaded onto a mobile device and an account setup prior to commisioning the Multivue Screen.

1.3 Description

Hesperus Smart 5-Button Multivue Screens are a range of high end remote switching devices using Dynamic Labelling Technology (DLT). The units feature 5 physical buttons that control up to 20 devices/groups/scenes. The LCD interface displays labels and status information for each device/group/scene.

Labels can consist of text in either English, Chinese or graphics. To reflect a change in functionality, you can dynamically change the labels using the KASTA app.

Groups enable you to control a number of associated devices with a single press.

Scenes allows you to perform a series of actions across multiple outputs by pressing a single button. For example, on arrival home you could use a scene to switch on lights in the hallway and kitchen, dim lights in the lounge, and switch on a fan.

Using the KASTA App, a KASTA Multivue can be programmed so their controls can be enabled and disabled (locked).

1.4 Installation Considerations

It is important to select the right location to install a Multivue.
Some considerations are listed below:

- Units are designed for indoor use only.
- Units may be mounted in a vertical (portrait) position only.
- Provide easy access to the unit for switching lights and selecting scenes.
- Choose a location free of water, humidity, direct sunlight and heavy dust.
- Allow adequate ventilation.
- Do not cover the unit.

No Wet Hands

No Clean Display

No Coverage

No Direct Sunshine

No Dust =

1.5 Mounting Instructions

A KASTA Multivue suits standard rectangular 84 mm centre mounting accessories. Figure 1 shows the mounting of a KASTA Multivue using a metal wall box.
Install Smart 5-Button Multivue Screen at eye level to ensure ease of operation.

Mounting accessories must be fitted a minimum distance of 10 mm back from the finished surface of the wall. Do not overtighten the grid plate screws.

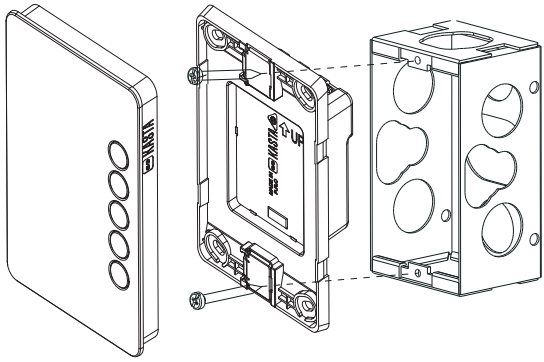


Figure 1. Mounting an **Smart 5-Button Multivue Screen** unit using a metal wall box

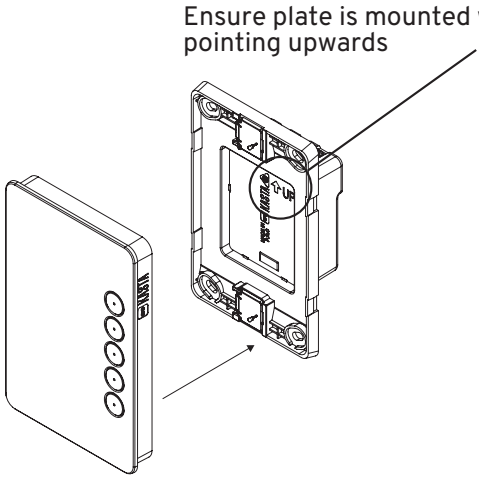
5.1 KASTA Multivue Fascia

To install the fascia, align it over the grid and snap it in place. To remove the fascia, pull it from the base. Refer to Figure 2.

5.2 Installing the KASTA Multivue Fascia

1) Align the directional arrows on the back of the fascia to match the grid plate.

2) Fit the side clips into the apertures at the sides of the grid plate.



5.3 Removing the Fascia

1) To disengage the, insert a small flat head screwdriver into the slot on the fascia and push the grid plate to release locks upward.

2) Swing the lower end of the fascia about 5 mm away from the grid, until it is free (refer to Figure 2).

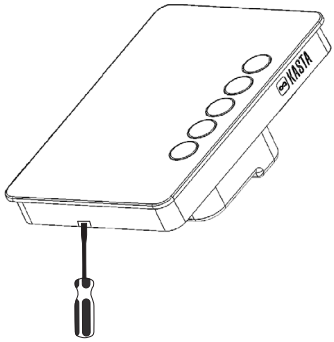


Figure 2. Removing a Fascia

1.6 Connection Diagram

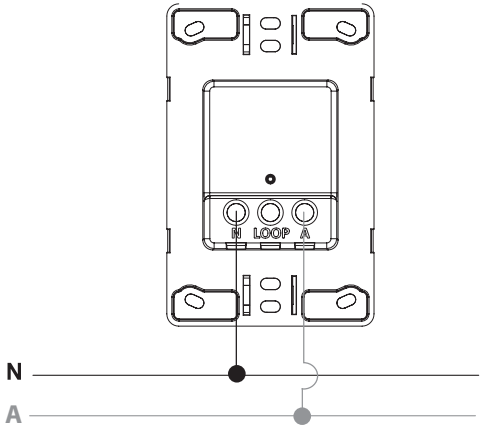


Figure 3. Terminal Wiring diagram

Connect the wires to the appropriate terminal on the unit.

1.7 Power Requirements

Supply
220-240V a.c. 50Hz
Rated Current
35mA
Input Power
0-4W

Operating Temperature
-20˚C to 40˚C
Proximity Detection Sensor Distance
8cm

1.8 Megger Testing

Never perform Megger testing on the Smart 5-Button Multivue Screen terminals as this may degrade the performance of the network. Megger testing of the mains electrical installation that has Smart 5-Button Multivue Screen input units connected will not damage the units. Smart 5-Button Multivue Screen units contain electronic components; this should be taken into account when interpreting Megger readings.

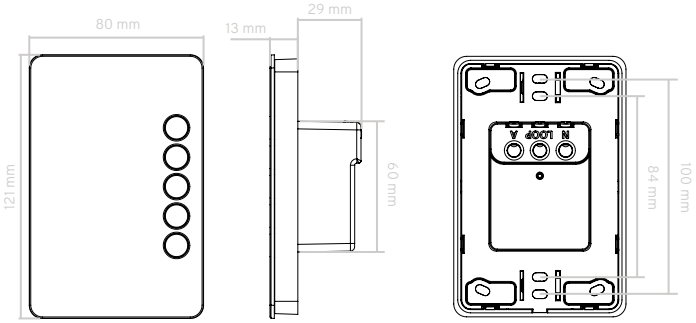
1.9 Electrical Specifications

Parameter	Description
Supply voltage	220-240V a.c. 50Hz
Input Current	35mA
Standby Power	<0.5W
Microwave Frequency	2.4GHz
Bluetooth Version	4.2
Protection	Over Voltage, Over Current
Clock Accuracy	± 30 seconds per week
Operating temperature range	-20°C to 40°C
Operating humidity range	5 to 85% RH
Status indicators	Blue, one indicator per button (dimmable)
Backlight	White, user configurable (dimmable)

1.10 Mechanical Specifications

Parameter	Hesperus Smart 5-Button Multivue Screen
Dimensions (W×H×D)	121 x 80 x 42 mm
Protrusion from wall	13 mm
Base depth (into wall)	29 mm
Mounting Centres	84 mm
Weight	200 g

11.1 Hepserus Smart 5-Button Multivue Screen



1.12 Standards Complied

DECLARATIONS OF CONFORMITY

Any changes or modifications not expressly approved by KASTA Technologies could void the user's authority to operate this equipment.

The KASTA Smart 5-Button Multivue Screen units comply with the following:

Australian/New Zealand EMC & Electrical Safety Frameworks and Standards

Regulation	Standard	Title
EMC	AS/NZS 60669.2.1 AS/NZS 60669.1 AS/NZS 4268	Switches for household and similar fixed electrical installations General requirements Radio equipment and systems - Short range devices - Limits and methods of measurement

1.13 Warranty

The KASTA Smart 5-Button Multivue Screen units carry a 3-year warranty against manufacturing defects.

Warranty Statement

1) The benefits conferred herein are in addition to, and in no way shall be deemed to derogate; either expressly or by implication, any or all other rights and remedies in respect to KASTA Technologies product, which the consumer has under the Commonwealth Trade Practices Act or any other similar State or Territory Laws.

2) The warrantor is KASTA Technologies Pty Ltd. With registered offices in all Australian States.

3) This KASTA Technologies Product is guaranteed against faulty workmanship and materials for a period of three (3) years from the date of installation.

4) KASTA Technologies Pty Ltd reserves the right, at its discretion, to either repair free of parts and labour charges, replace or offer refund in respect to any article found to be faulty due to materials, parts or workmanship.

5) This warranty is expressly subject to the KASTA Technologies Product being installed, wired, tested, operated and used in accordance with the manufacturer's instructions.

6) All costs of a claim shall be met by KASTA Technologies Pty Ltd, however should the product that is the subject of the claim be found to be in good working order, all such costs shall be met by the claimant.

7) When making a claim, the consumer shall forward the KASTA Technologies Product to the point of purchase with adequate particulars of the defect within 28 days of the fault occurring. The product should be returned securely packed, complete with details of the date and place of purchase, description of load, and circumstances of malfunction.

For all warranty enquiries, contact your local KASTA sales representative. The address and contact number of your nearest KASTA Technologies office can be found at http://www.kasta.com.au/contact-us or by telephoning Technical Support (02) 8999 1377 (KASTA Technical Support Hotline).

2.1 Definitions

Term	Definition
load	An electrical device connected to mains voltage via a KASTA output unit. Examples include lights, fans, heaters and electric motors.
scene	A series of actions across multiple outputs, triggered by a single button. For example, on arrival home you could use a scene to switch on lights in the hallway and kitchen, dim lights in the lounge, and switch on a fan.
press	A brief button press (pressed for a fraction of a second).
one long press	An extended button press pressed for more than a second.

2.2 Basic Operation

A Multivue unit has 5 buttons which control up to 20 control devices/groups/scenes. The upper 4 buttons operate the control groups on the active page. The fifth button alternates between pages (5 pages of up to 4 control groups each) and is used to set the time and date.
This is illustrated in Figure 1.

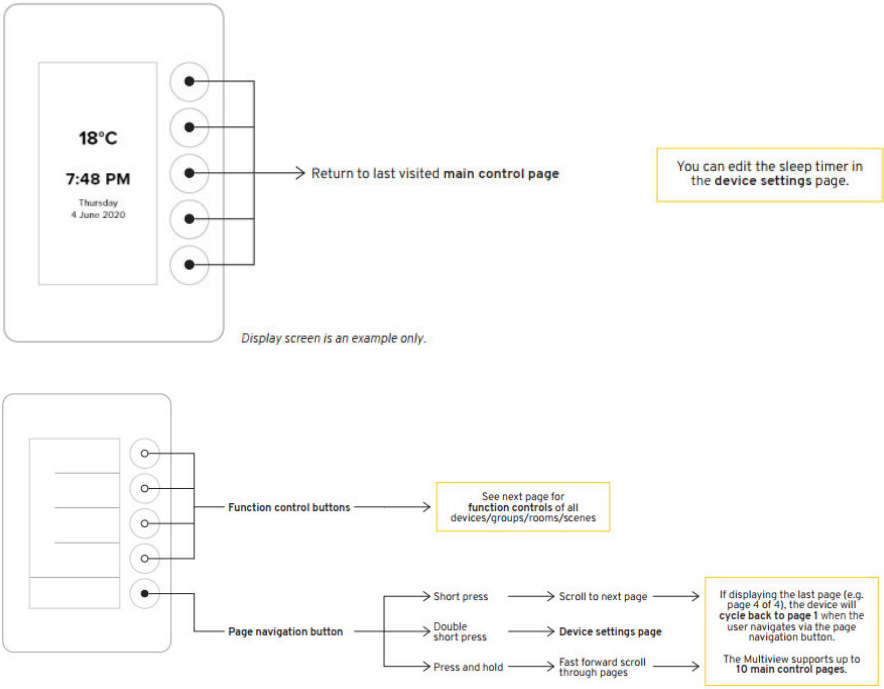


Figure 1. A Smart 5-Button Multivue unit has 5 pages, each with four control groups

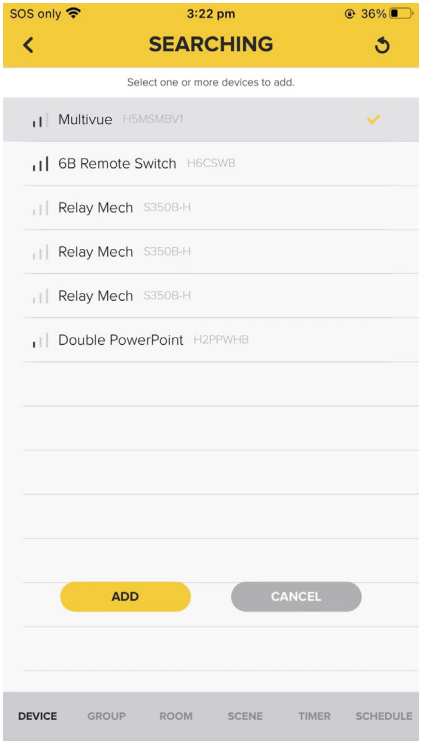
The Multivue interface consists of an LCD display that provides information and feedback about the devices/groups/scenes the unit controls.
This includes:

- a label for each control device/group/scene
- a bar below each label indicating the control type and level (such as a lighting dimmer slider)
- the current page number
- the time (if enabled).

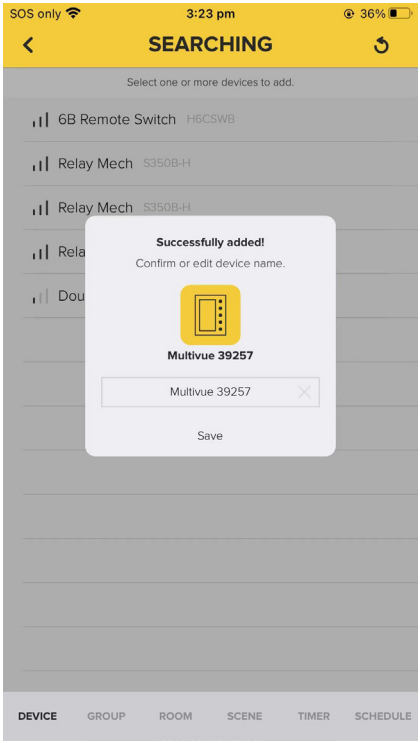
Some interface examples are provided in Figure 2, together with descriptions.

Figure 2. Identification of the DLT interface

3.0 Setup - Adding Device

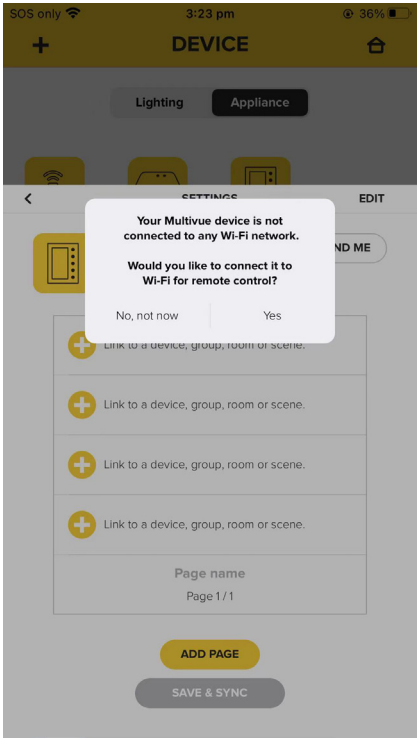


Add Multivue to mesh network.

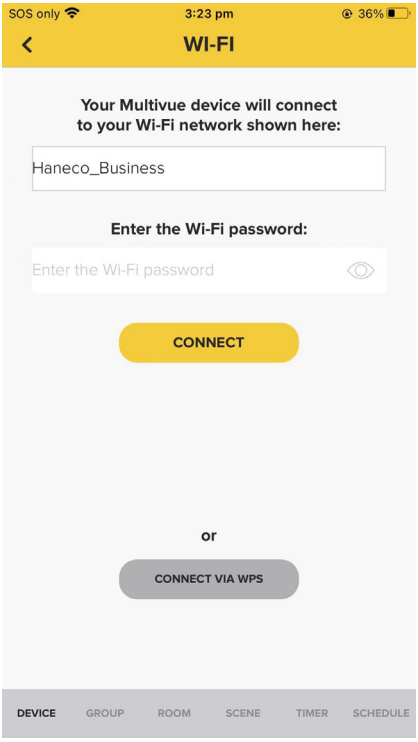


Set Device name and press "SAVE"

3.2 Setup - Connect to Wi-Fi (optional)

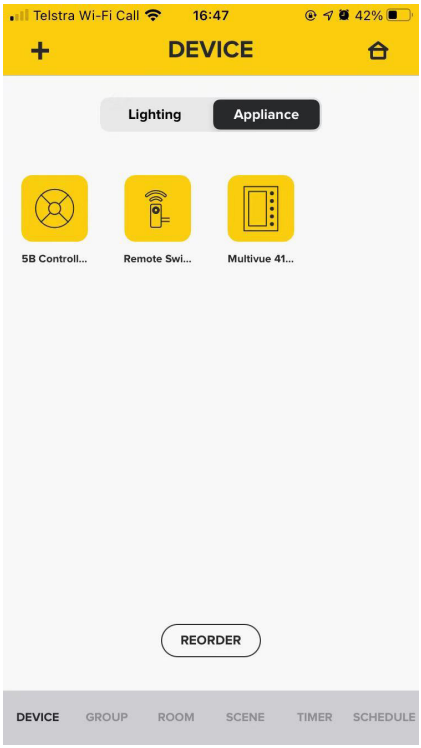


Choose to connect to Wi-Fi for remote access (when gateway is already setup)

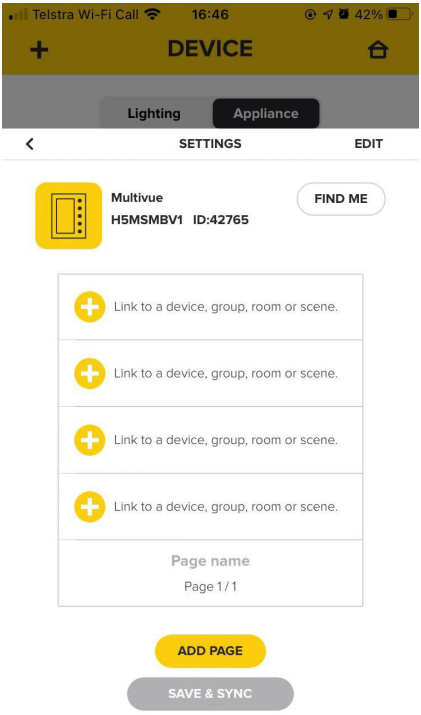


Enter Wi-Fi password.

3.3 Setup - Link Device/Group/Room/Scene

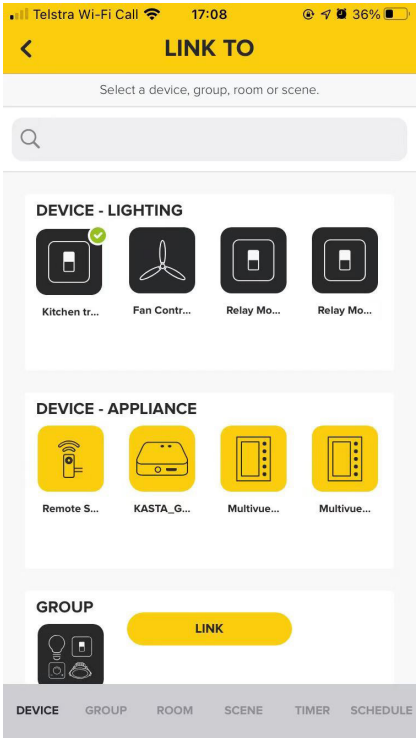


Long press Multivue to enter Settings page

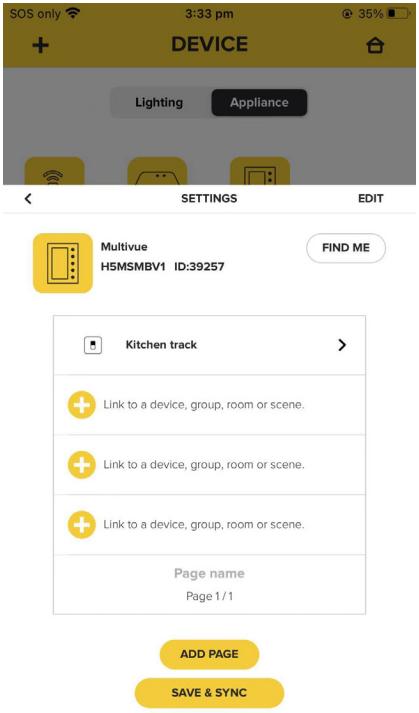


Press "+" button on desired button you want to program

3.3 Setup - Link Device/Group/Room/Scene cont...

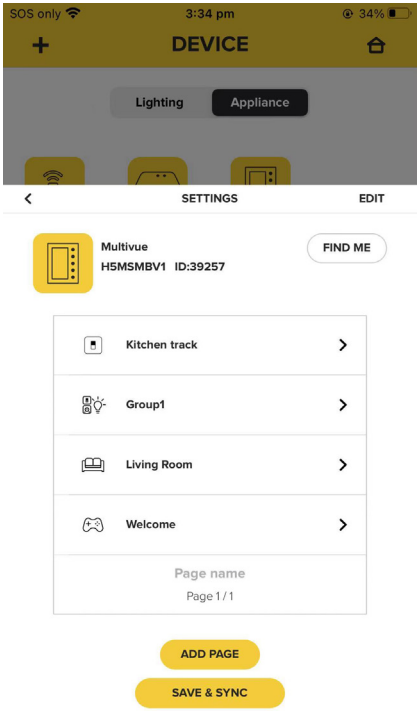


Select either a Device/Group/ Room/Scene to link to button

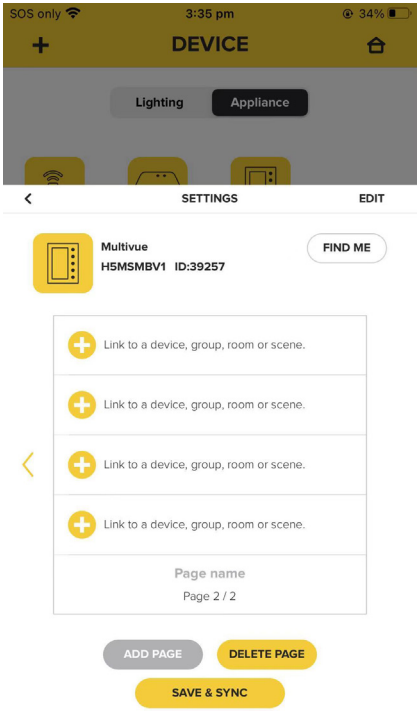


Device/Group/Room/Scene is now successfully linked to button. Repeat process for additional button programming

3.3 Setup - Link Device/Group/Room/Scene cont...

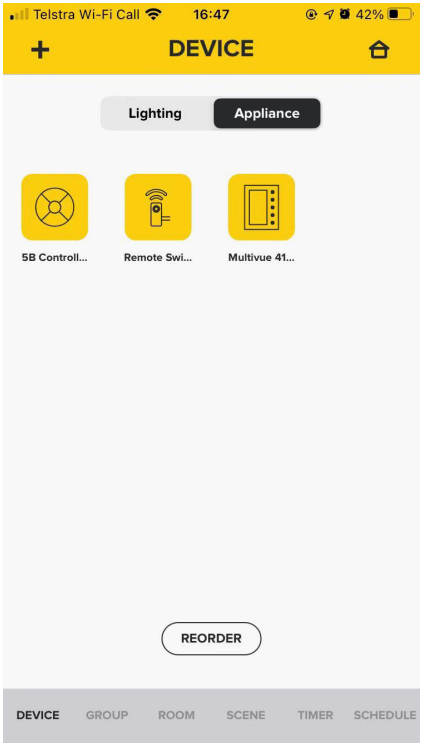


Press "SAVE & SYNC" to confirm links.

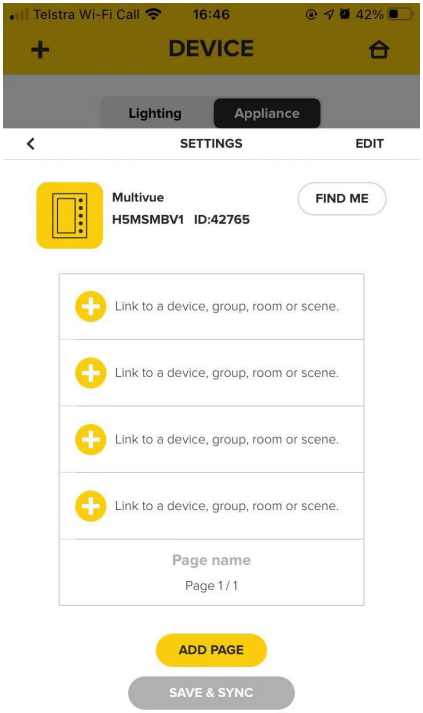


Press "ADD PAGE" to access additional pages.
Press "DELETE PAGE" to delete pages.

3.4 Setup - Settings

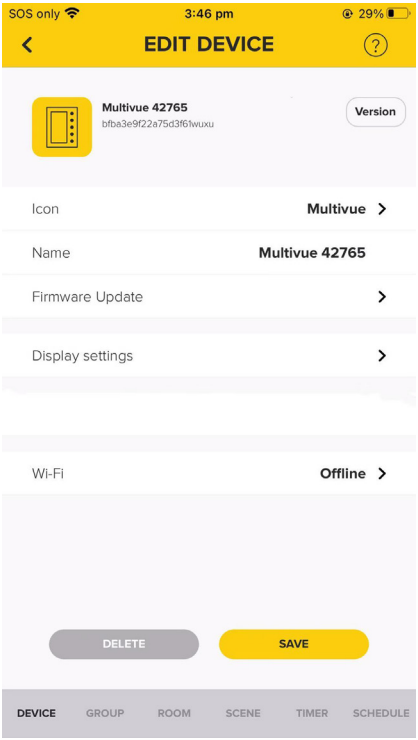


Long press Multivue icon to enter SETTINGS

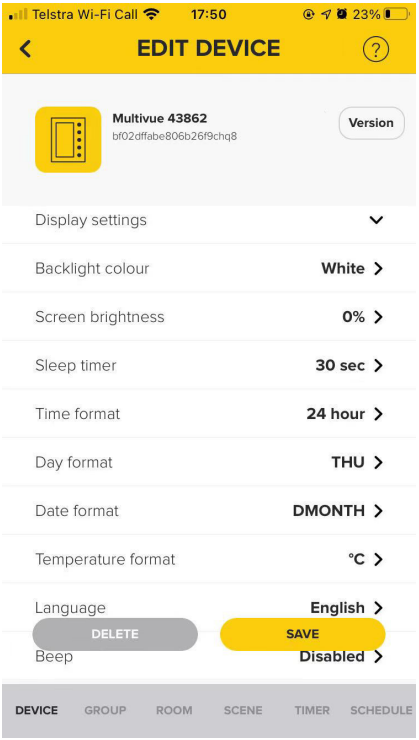


Press "EDIT" to Edit Multivue

3.4 Setup - Settings cont...



Press desired setting to edit.



Press "SAVE" to confirm changes.

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