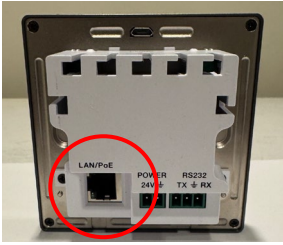




August, 2025
CP200
Reference Operator/Programming Manual



1. Initial setup



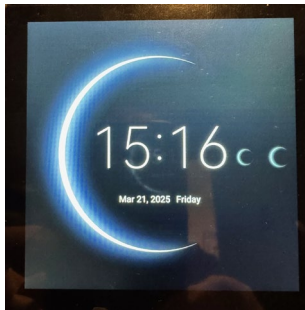
On back of unit,
find ethernet port



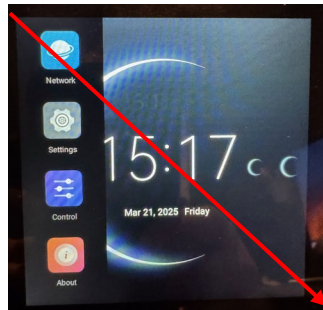
Insert PoE enabled
ethernet cable

2. Configure Touchscreen

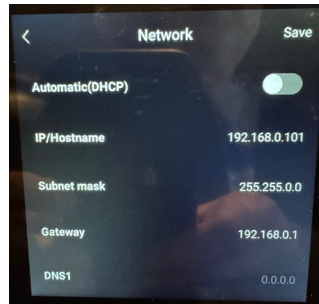
Network



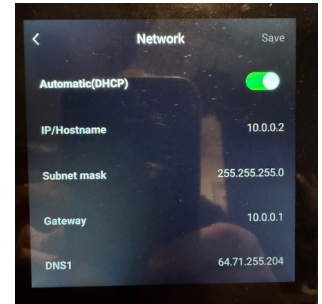
Unit will boot up
And display default time



To access network settings,
Drag from top left corner
to bottom right and then tap
White Arrow at middle left, then
Select Network

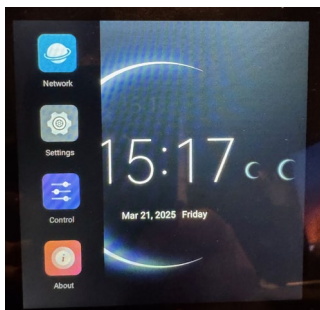


Default is Static IP

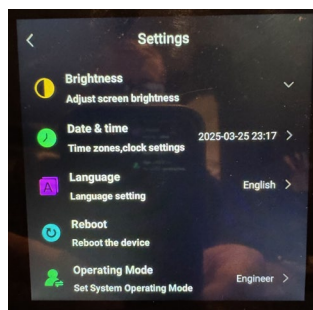


Enable DHCP slider
Then exit via arrow at top left

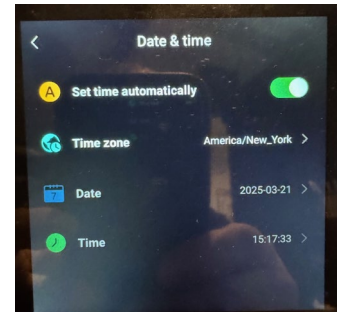
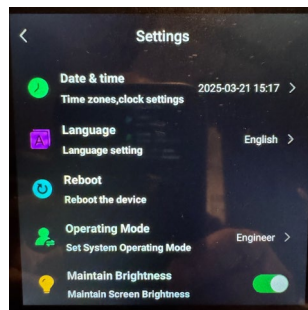
Settings



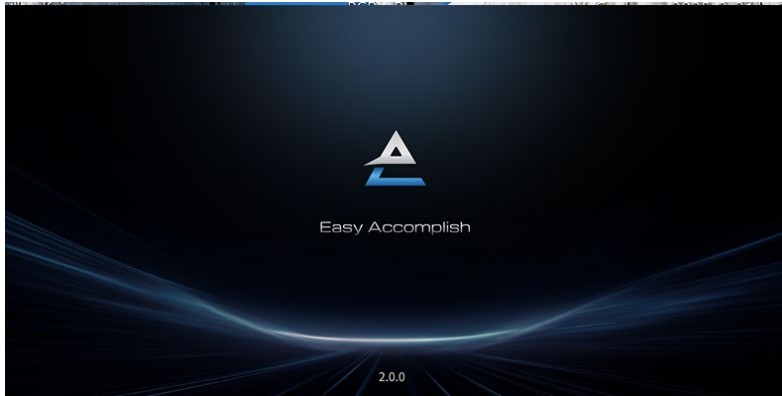
To access settings, tap
middle left of screen
several times, then
Select Settings



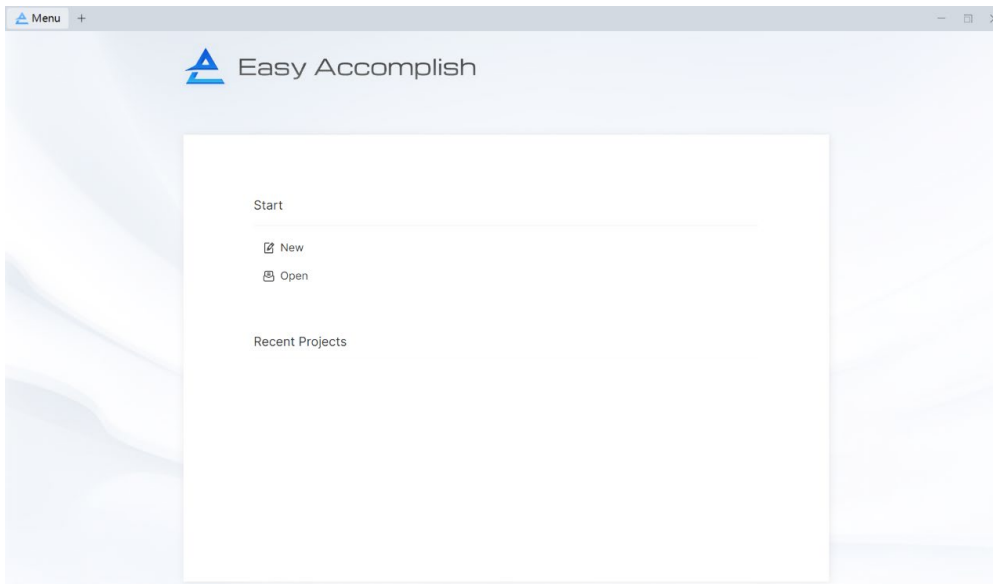
Adjust brightness level,
Date & Time, language and
Maintain Brightness Y/N



Easy Accomplish Design and Config Software



Load and run Easy Accomplish software on PC



Select Open, and navigate to Branded.ea project

Use sample temple

UI Design Screen

Menu

Coffee Shop 10 Preset..

+

Basic Settings

UI Design

Logical Design

Console

UI Design

001

User Interface

Page

Branded Page

Fire Safety

SubPage

Window

Components

Btn

Button

Toggle

Matrix

Progress

Slider

Step1

Preset 1

Preset 2

Preset 3

Preset 4

Preset 5

Preset 6

Preset 7

Preset 8

Preset 9

Preset 10

Coffee Shop

Name

Preset 1

X

18

Y

29

Width

128

Height

156

Radius

8

Opacity

1

Stack

11

Hidden

Disable

Interval Time

0.5

s

Text Format

Text

Text

Preset 1

Interlock Id

1

Navigation

Style

Auto-Sync

Status

0-normal

Background

color

Border

0

ShadowType

outset

Shadow

0

0

0

0

Text Align

H.Offset

0

V.Offset

0

Font

arial

24

B

I

U

Icon

none

Icon Align

H.Offset

0

V.Offset

0

Action Logical Number

Press

1

Hold

Release

Property Logical Number

Text

Status

Hidden

Disable

BLUESOUND

PROFESSIONAL

Button Types - Button



Type

Configuration

Description

Components

Btn

Button

Toggle

Matrix

Progress

Slider

Step1

Step2

Tabs

TextView

Input

Images

Basic Info

Name

Preset 1

X

21

Y

37

Width

128

Height

155

Radius

8

Opacity

1

Stack

12

Hidden

Disable

Interval Time

0.5

s

Text Format

Text

Text

Lite Pop & Soft Rock

Interlock Id

1

Navigation

Style

Auto-Sync

Status

0-normal

Background

color

Border

0

ShadowType

outset

Shadow

0

0

0

0

Icon Align

H.Offset

0

V.Offset

0

Action Logical Number

Press

1

Hold

Release

Property Logical Number

Text

Status

Hidden

Disable

Function of button
(appears on logic design)

Position on page

Order and visibility on page

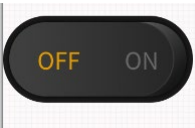
- Text/Time/Date
- Text input
- Button coordination with other buttons using Interlock

Button Color/Image
Alignment. Normal and Active states
Can be setup differently.

Assignment of Button to Logic ID

Assignment of Button to
incoming Logic ID

Button Types - Toggle



Type

Configuration

Description

Components

 Btn
Button

 Toggle

 Matrix

 Progress

 Slider

 Step1

 Step2

 Tabs

 TextView

 Input

 Images

Basic Info

Name: Toggle

X: 0 Y: 469

Width: 180 Height: 82

Radius: 35

Opacity: 1 Stack: 15

Hidden: ☐ Disable: ☐

ON Text: OFF Text:

Default: off

Style-1 Style-2 Auto-Sync

Status: 0-off

Background: image toggle_off.png auto 0

Border: 0

ShadowType: outset

Shadow: 0 0 0 0

Text Align: H.Offset: 0 V.Offset: 0

Font: arial 24 B I U

Icon: none

Icon Align: H.Offset: 0 V.Offset: 0

Action Logical Number

On: Off:

Property Logical Number

value: Hidden: Disable:

Same as regular button

Status of Button On/Off
Can be configured

Same as regular button

Button Types - Matrix

Type

Configuration

Description

Components

Btn

Button

Toggle

Matrix

Progress

Slider

Step1

Step2

Tabs

TextView

Input

Images

New Matrix

Group No.

Group No.

Encoding

String

Hex

In

1

 Out

1

Confirm

Cancel

in

in

in

in

out

out

out

out

Setup Ins vs Outs

4x4 example

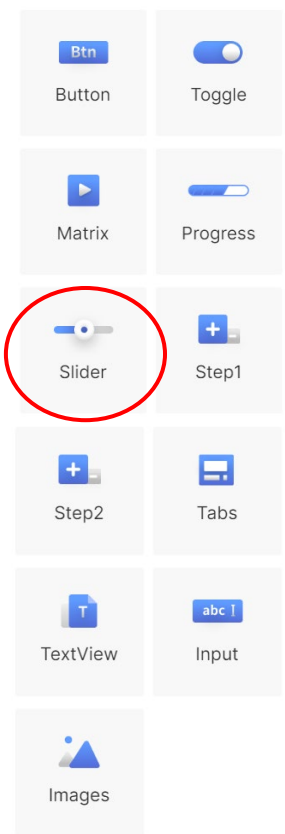
BLUESOUND
PROFESSIONAL

Button Types - Slider



Type

Components



Configuration

Basic Info

Name:

X: Y:

Width: Height:

Track Radius:

Thumb Radius:

Opacity: Stack:

Hidden: ☐ Disable: ☐

Orientation: Default:

Min: Max:

Style

Status: Auto-Sync: ☐

Track:

Background:

Active:

Border:

ShadowType:

Shadow:

Thumb:

Offset:

Border:

ShadowType:

Shadow:

ShowText: ☐

Action Logical Number

Change:

Release:

Property Logical Number

value:

Hidden:

Disable:

Description

Same as regular button

Define Min/Mac and orientation

Thumb config

Select box to show number

Same as regular button

Button Types – Step 1, Step 2

Type

Configuration

Description

Components

Btn

Button

Toggle

Toggle

Matrix

Matrix

Progress

Progress

Slider

Slider

Step1

Step1

Step2

Step2

Tabs

Tabs

TextView

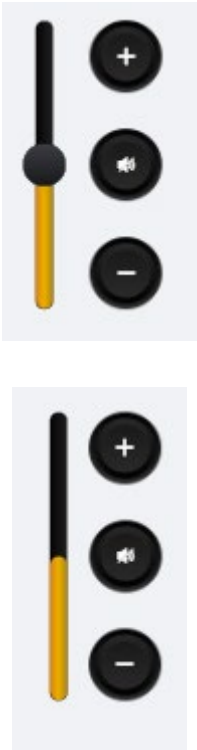
TextView

Input

Input

Images

Images



Step 1 with Thumb

Step 1 without Thumb

Button Types – Tabs



Type

Configuration

Description

Components

Btn

Button

Toggle

Matrix

Progress

Slider

Step1

Step2

Tabs

TextView

Input

Images

Basic Info

Name: Tabs2

X: 166 Y: 803

Width: 400 Height: 400

Radius: 0

Opacity: 1 Stack: 15

Hidden: ☐

Default Page:

Style

Status: 0-normal

Background: Image Tabs.png keep 30

Border:

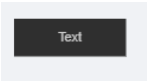
Property Logical Number

Hidden:

Same as regular button

Tab configuration

Button Types – Text View



Type

Components

Btn

Button

Toggle

Matrix

Progress

Slider

Step1

Step2

Tabs

TextView

Input

Images

Configuration

Basic Info

Name

TextView

X

9

Y

527

Width

210

Height

70

Radius

0

Opacity

1

Stack

15

Hidden

☐

Text Format

Text

Text

Text

Style

Status

0-normal

Background

color

Border

0

ShadowType

outset

Shadow

0

0

0

0

Text Align

H.Offset

0

V.Offset

0

Font

arial

24

Icon

none

Description

Same as regular button

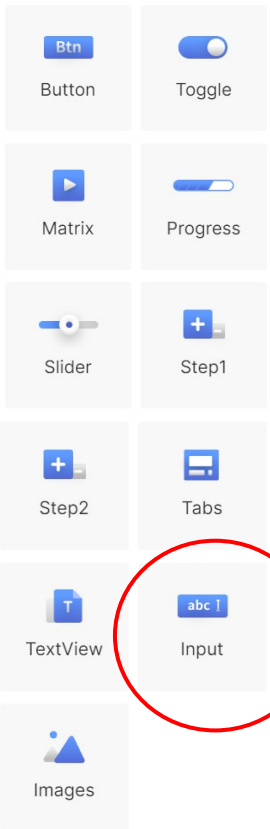
Text/Time/Date

Same as regular button

Button Types – Input

Type

Components



Configuration

Basic Info

Name: Password

X: 28, Y: 625, Width: 178, Height: 62, Radius: 5, Opacity: 1, Stack: 2, Hidden: ☐, Disable: ☐

Input Type: password (selected), Text: , Placeholder: ****

Style

Status: 0-normal, Background: color, Border: 0, ShadowType: outset, Shadow: 0, 0, 0, 0, Font: arial, 50, B, I, U

Action Logical Number

Change: (dropdown menu)

Property Logical Number

Text: (dropdown menu), Hidden: (dropdown menu), Disable: (dropdown menu)

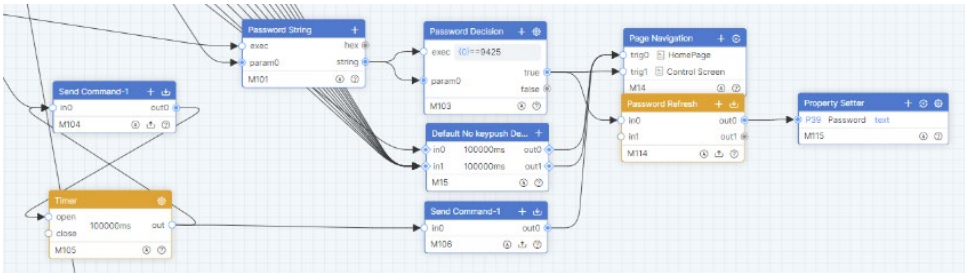
Description

Same as regular button

Password (Hides Password)
Text/Text Field

Assign button number

Password logic



Button Types – Image

Type

Components


Button


Toggle


Matrix


Progress


Slider

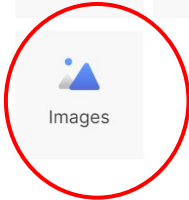

Step1


Step2


Tabs


TextView


Input



Configuration

Basic Info

Name

Images

X

20

Y

42

Width

516

Height

482

Radius

5

Opacity

1

Stack

2

Hidden

☐

Disable

☐

Image

default_Images.png



auto

0

Style

Border

0

ShadowType

outset

Shadow

0

0

0

0

Action Logical Number

Click

Property Logical Number

Image

9

Hidden

Disable



Description

Same as regular button

Grab image from Logic

Style

Auto-Sync ☐

Status

0-normal

Background

color

Border

0

ShadowType

outset

Shadow

0

0

0

0

Text Align

H.Offset

0

V.Offset

0

Font

arial

24

B

I

U

Icon

none

Icon Align

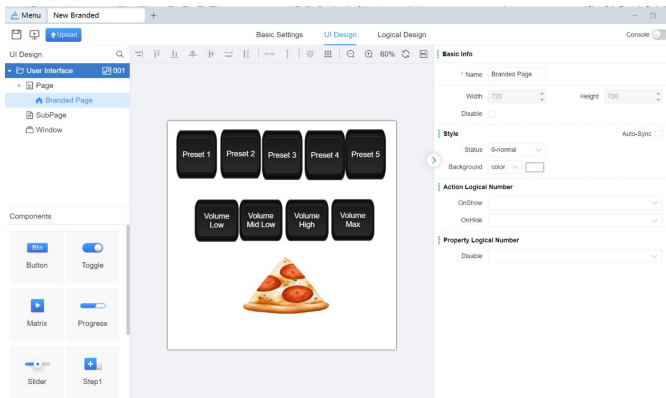
H.Offset

0

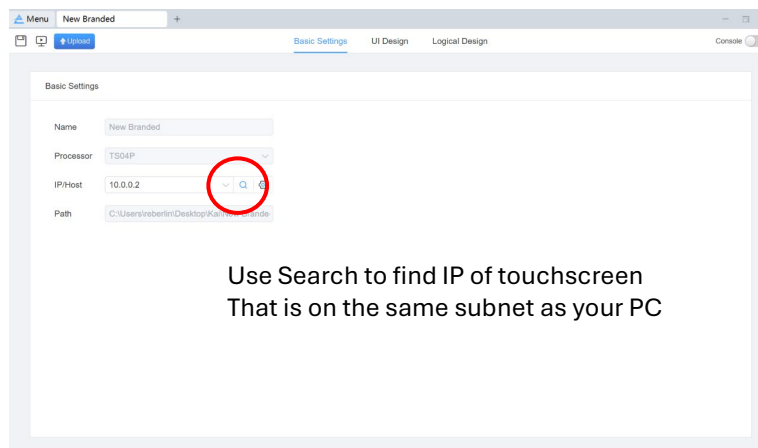
V.Offset

0

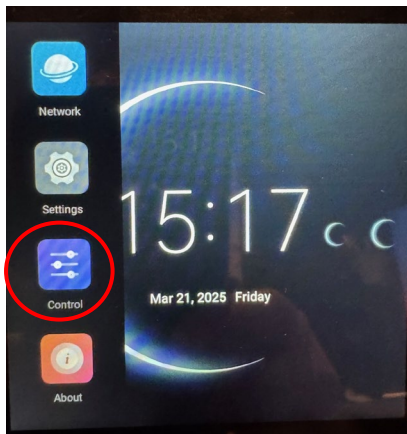
Quick Start



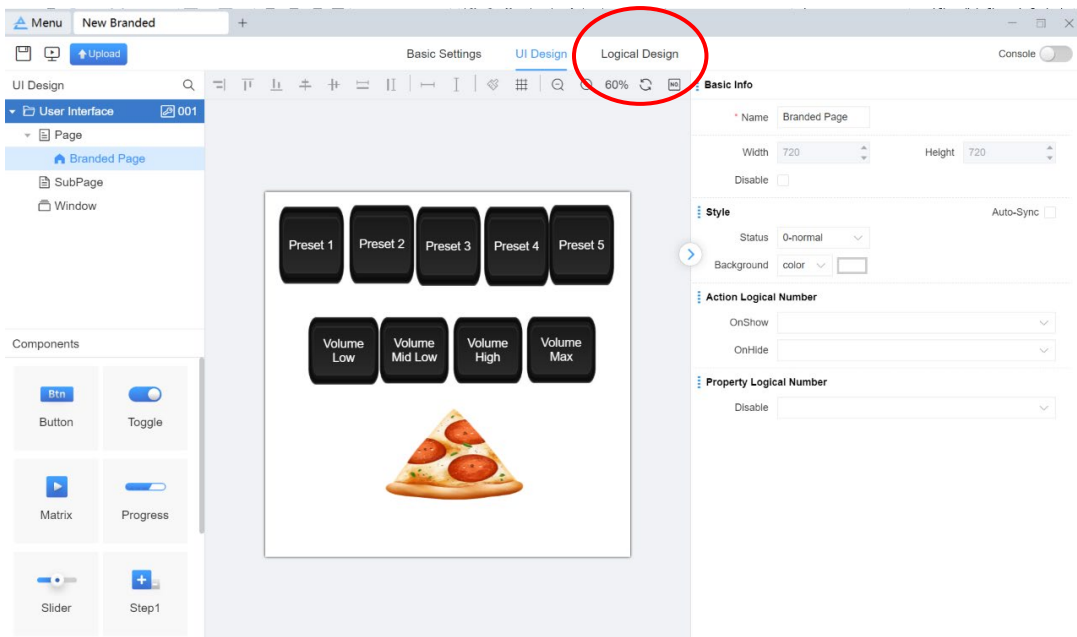
Open file to see configuration and programming tool



Select Basic settings and change IP address to match IP address displayed on Touchscreen network setting



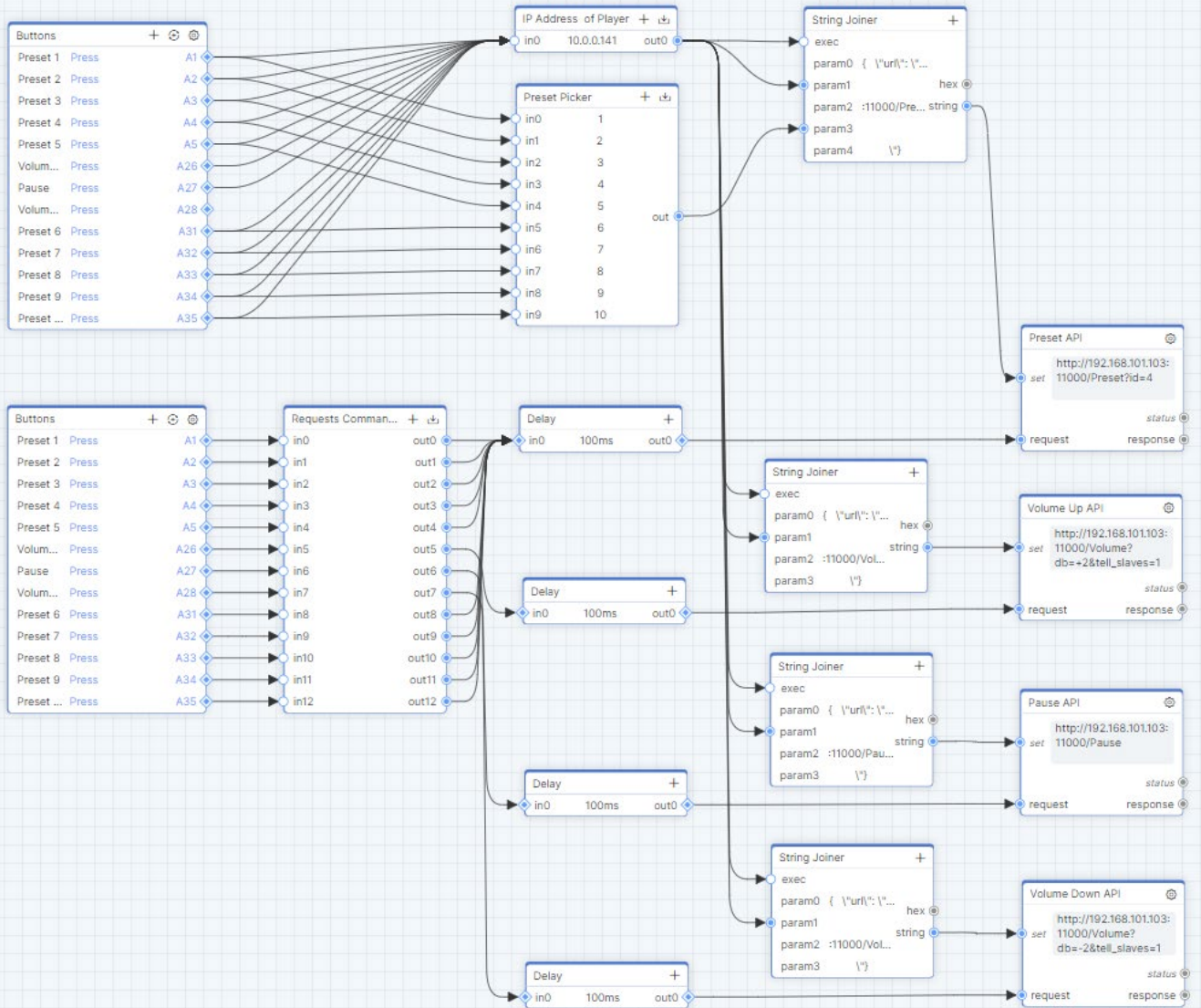
Select "Control"



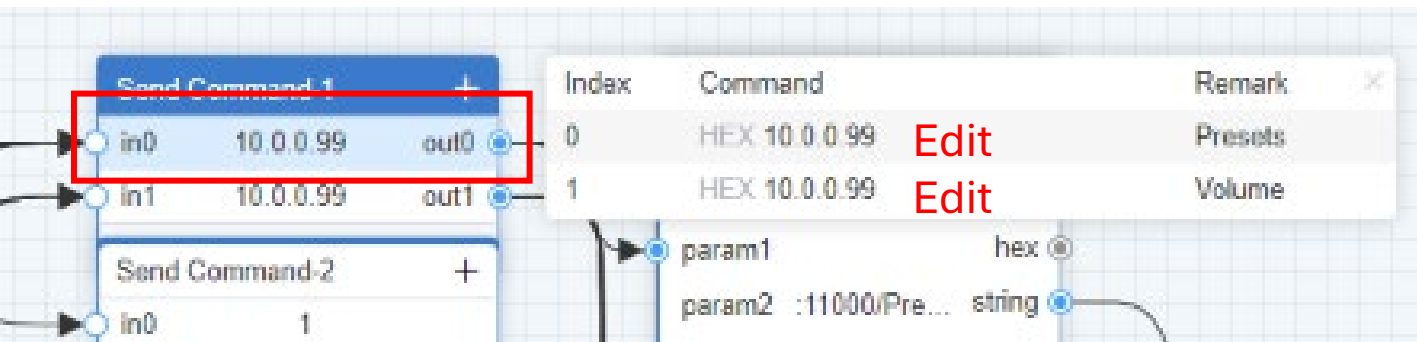
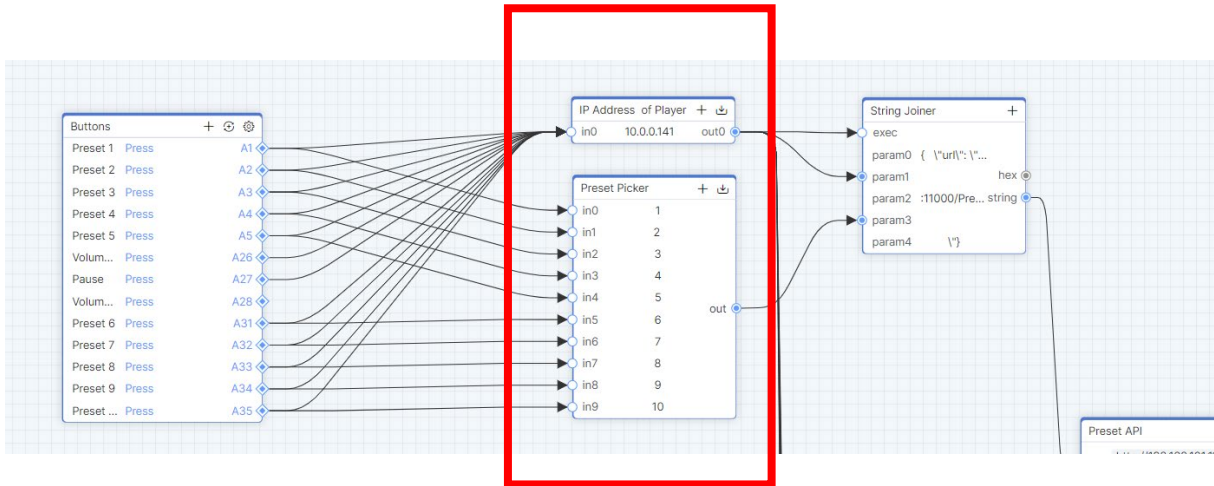
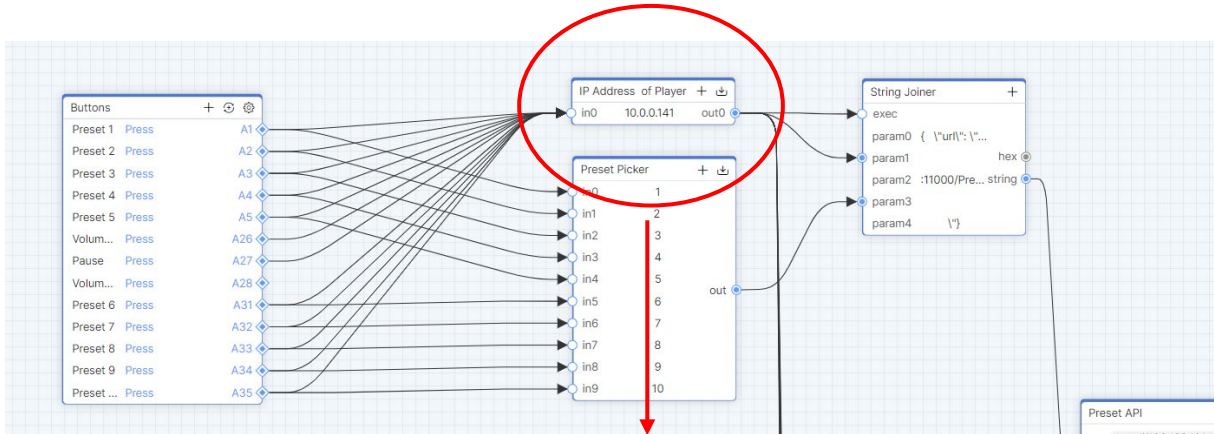
Select “Logical Design”

Overview -Logical Design of this project

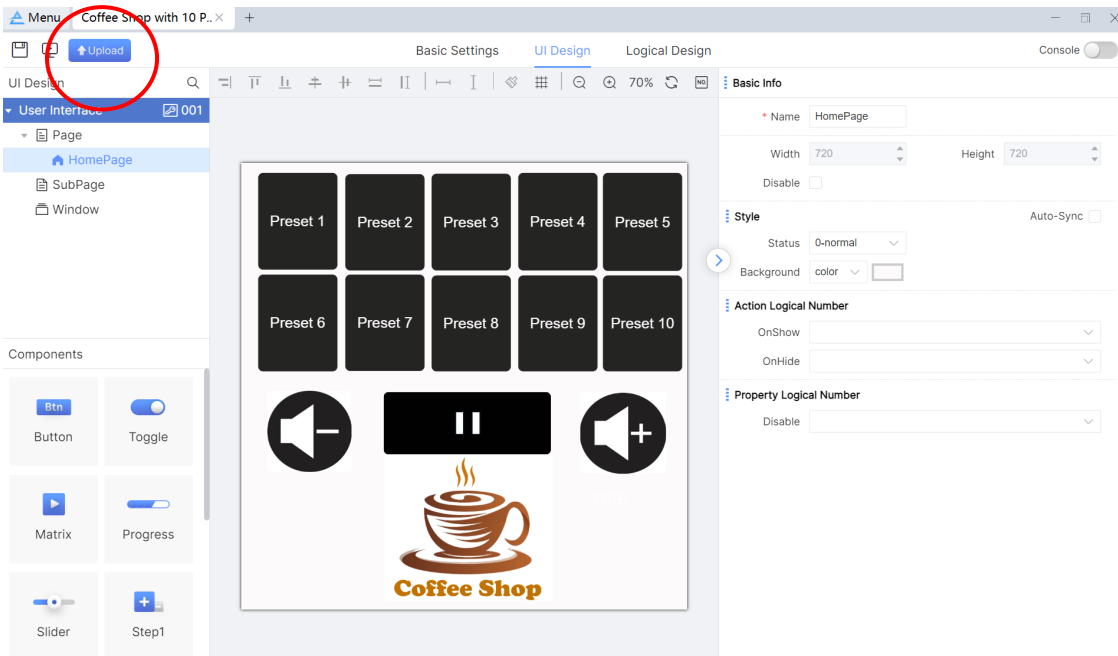
Coffee Shop



Setup for your Device Control



Double click on IP address and pop-up box appears.
 Edit both IP addresses in Pop out box to match IP address
 of Bluesound player/Speaker you wish to control



Select "Upload" to load project up to Display Panel
Will take a minute or two

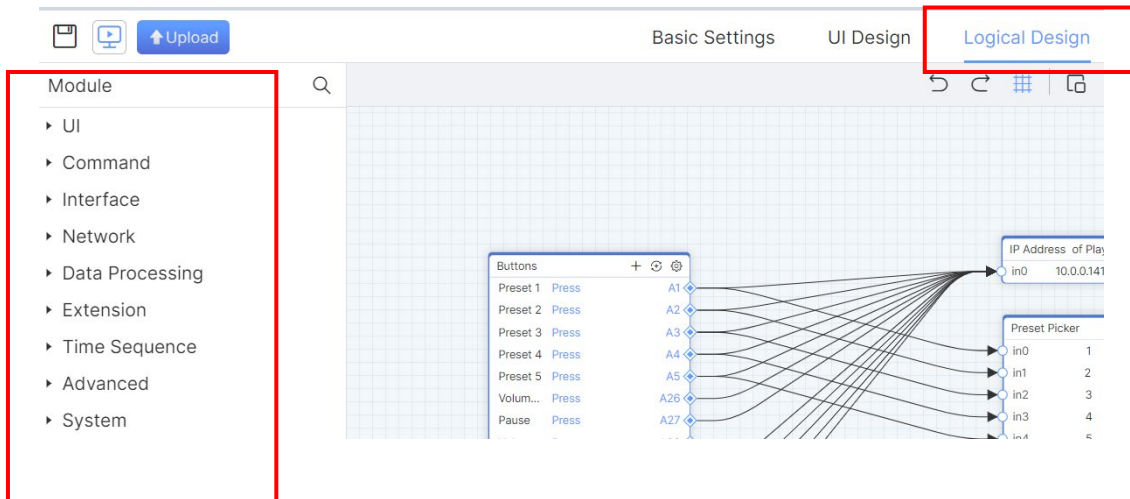


READY TO GO

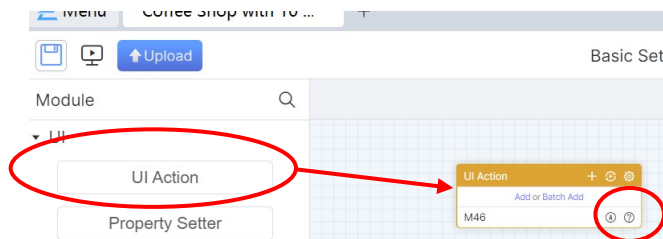
Version 2 Brand – Volume up/down, Pause



Logical Design Tab



Drag and drop Modules onto work page



?= Explanation of module

Logical Design Tab

Available Logic Modules

System Module

UI

- UI Action
- Property Setter
- Property Getter
- Page Navigation
- Matrix

Command

- Send Command-1
- Send Command-2
- Serial Send Comm...

Data Processing

- Comparison
- String Joiner
- Buffer
- Matcher-1
- Matcher-2
- Data Splitter
- Encoding Conversi...

Extension

- Interlock
- Toggle
- CRC

Interface

COM-1

Network

- TCP Client
- TCP Server
- UDP Client
- UDP Server
- Websocket Client
- HTTP Client
- Telnet Client

Time Sequence

- Delay
- Timer

Advanced

- Operation
- Logical Decision
- Function
- Storage Setter
- Storage Getter

System

- System Event
- System Info Getter

Note:

Drag modules on to Logic page. Click on **header** (1) to expose settings,
? (2) To expose module explanation

