

Software Blueprint

Video Conferencing
June 2023

Intent

This PepperDash Software Blueprint is intended to fully finalize software development scope of the standard Apple Video Conferencing codebase. Any functionality not expressly defined in this document will be programmed according to PepperDash best-practices.

Thorough review of this document is required as approval finalizes graphical elements, functionality, and the software workflows. Approval authorizes production software development. Any changes to graphical elements, functionality, or workflows requested after approval of this document are out of scope, and require an approved and funded change request.

Client Name

Date

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Functionality Wireframe

System

Video Conference Room

Panel

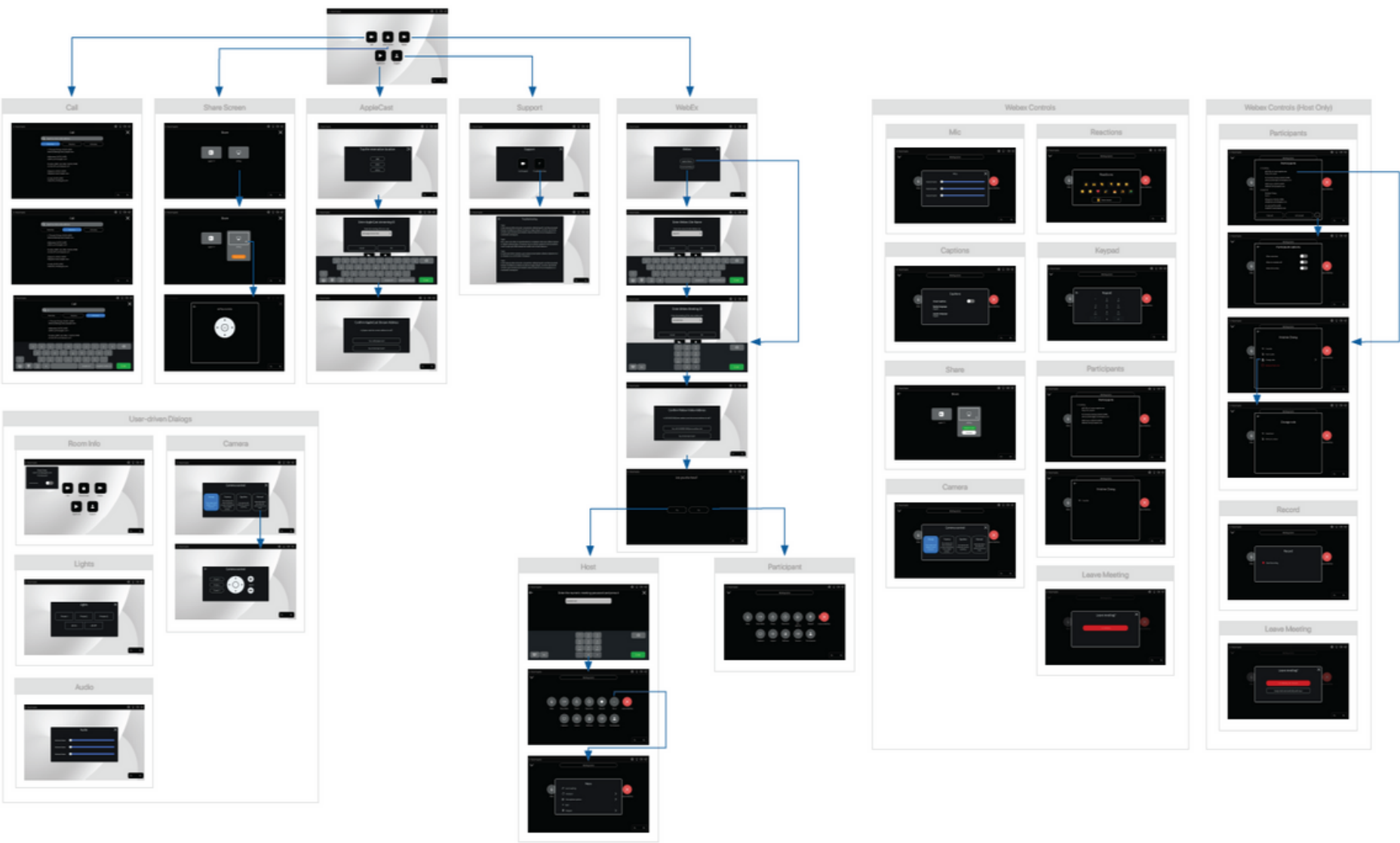
TSW-1070

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v01.00

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Automation Rules

Start Sharing

1. Recall default audio levels (via DSP preset)
2. Privacy disabled

Stop Sharing

1. Recall default audio levels (via DSP preset)
2. Privacy enabled
3. Audio and video routes cleared

Webex / Call Connected

1. Power on room
2. Shared source is cleared. No source is shared in room nor in call.
Content is prevented from being accidentally shared with call participants.
3. Route the video codec outputs through the matrix switcher

Webex / Call Disconnected

1. All pop-ups cleared
2. Recall default audio levels (via DSP preset)
3. Privacy enabled
4. Audio and video routes cleared

Home Page

9 Room name

Access room info

10 Setting

Access technician controls (TBD)

11 Light

Access lighting and shade controls

12 Camera

Access camera controls

13 Advanced volume

Access advanced volume controls

14 Call

Access call controls

15 Share screen

Access presentation controls

16 Webex

Access Webex controls

17 AppleCast

Access AppleCast controls

18 Support

Access help desk and troubleshoot

19 Volume

Access volume controls



Lights

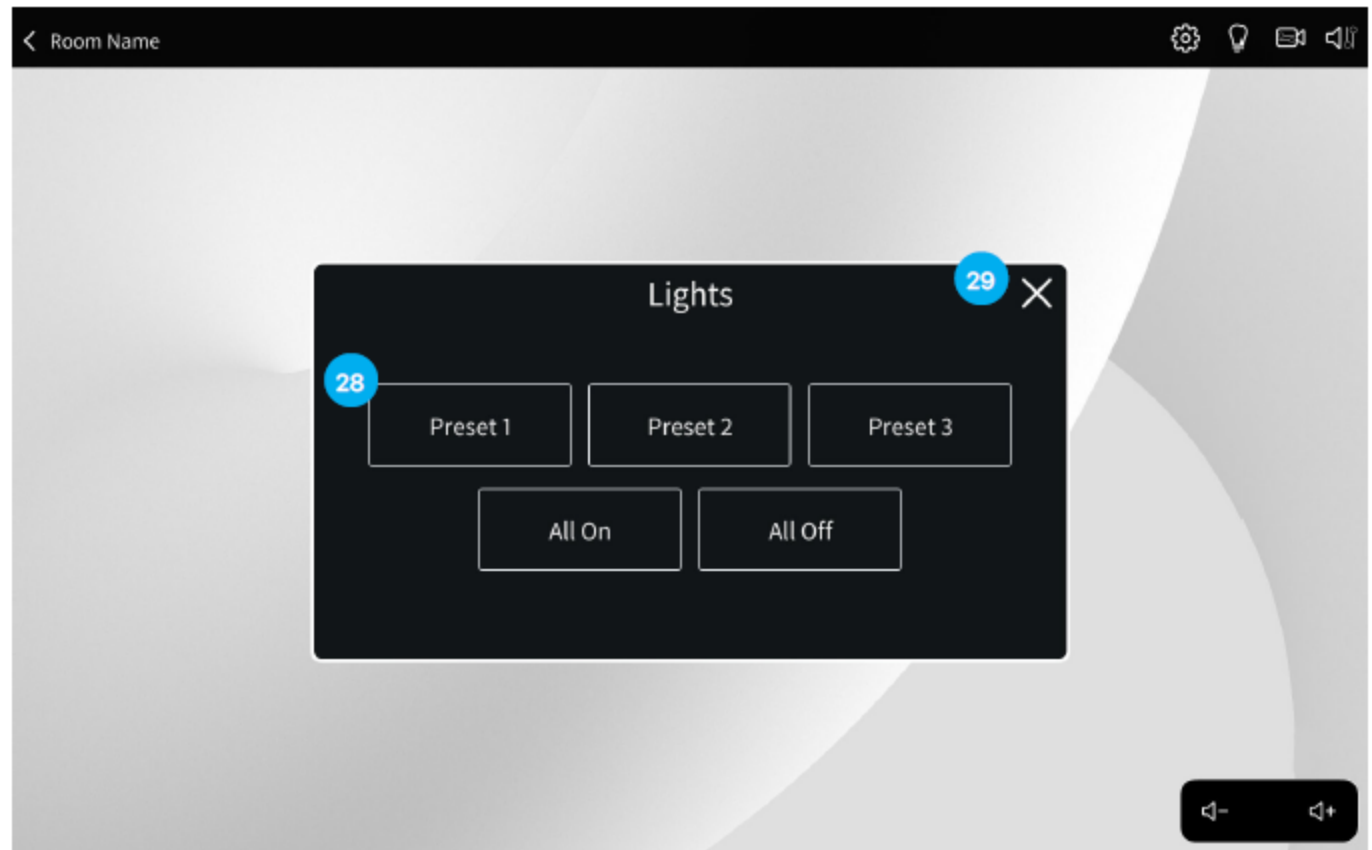
28 Scene Recall

Recalls specific preset on lighting system

Lighting scenes are programmed separately from control software

29 Exit

Tap X or outside of popup to dismiss popup



Camera Controls > Manual

33 Preset

Moves camera to preset location

3 second press & hold: Saves camera's current location as preset

Preset names to be determined prior to software development

34 Camera Control

Pan, tilt and zoom the camera

35 Back

Returns to previous screen



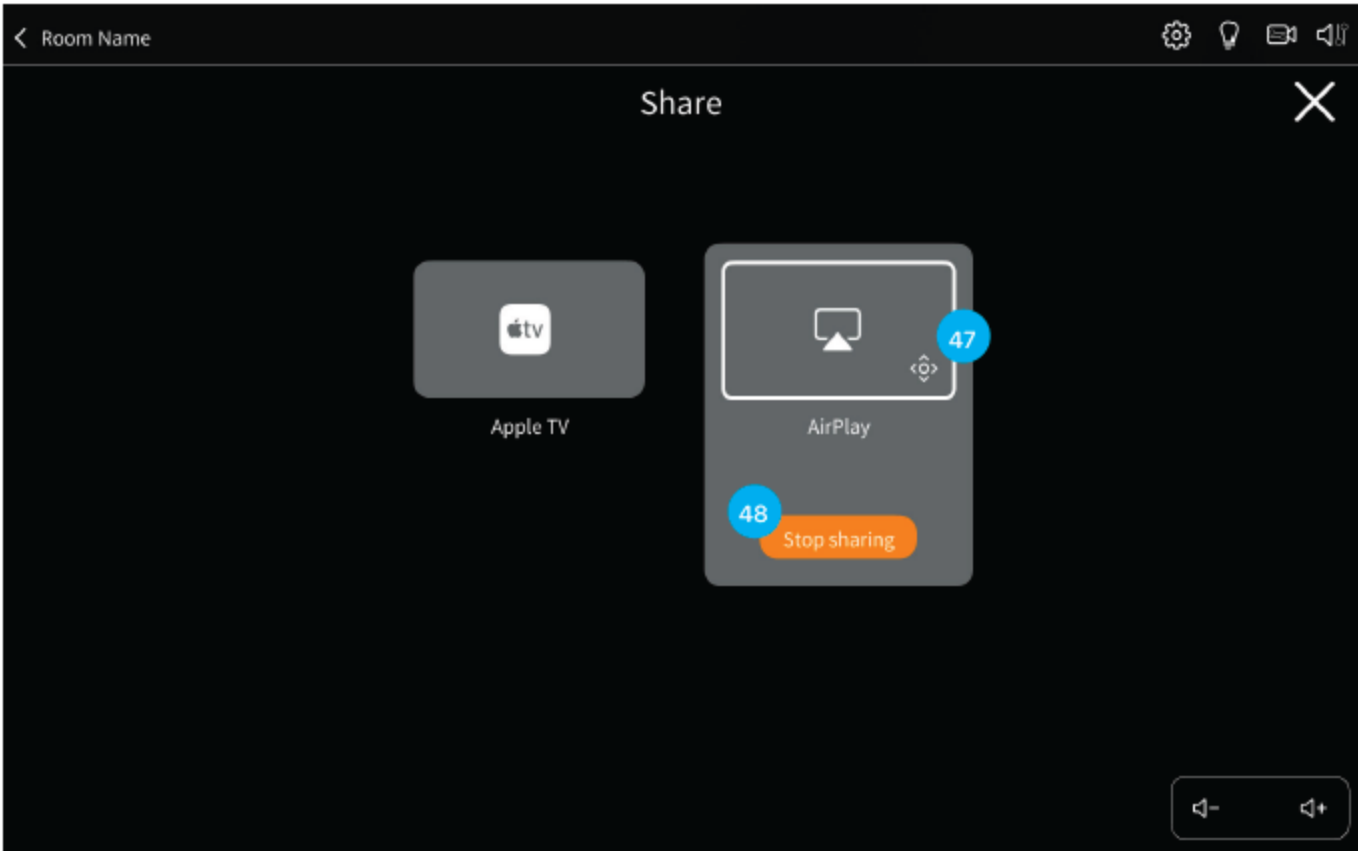
Source Selected

47 Source controls

Access source controls

48 Stop sharing

Clears audio and video routes



Meeting ID

57 Keypad

Use the keypad to enter the meeting ID

58 X

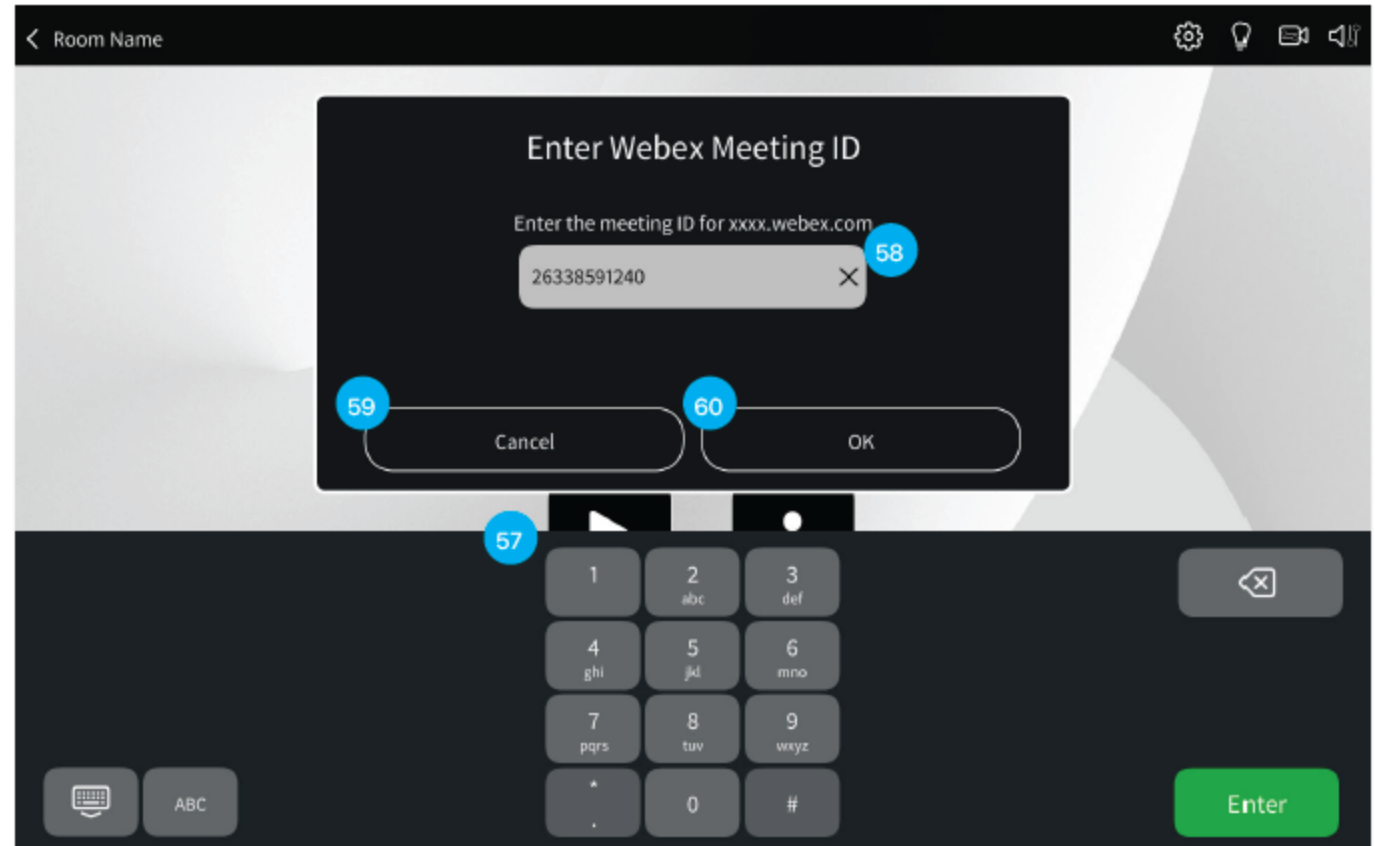
Clears entry

59 Cancel

Returns to previous screen

60 OK

Enters meeting ID



Controls (Participant)

88 Hide

Collapses controls to footer on home screen

89 Meeting Info

Displays meeting info

90 Mute

Toggle on/off mic

91 Stop Video

Toggle on/off camera

92 Share

Access share controls

93 Reactions

Access emoji controls

94 Mic options

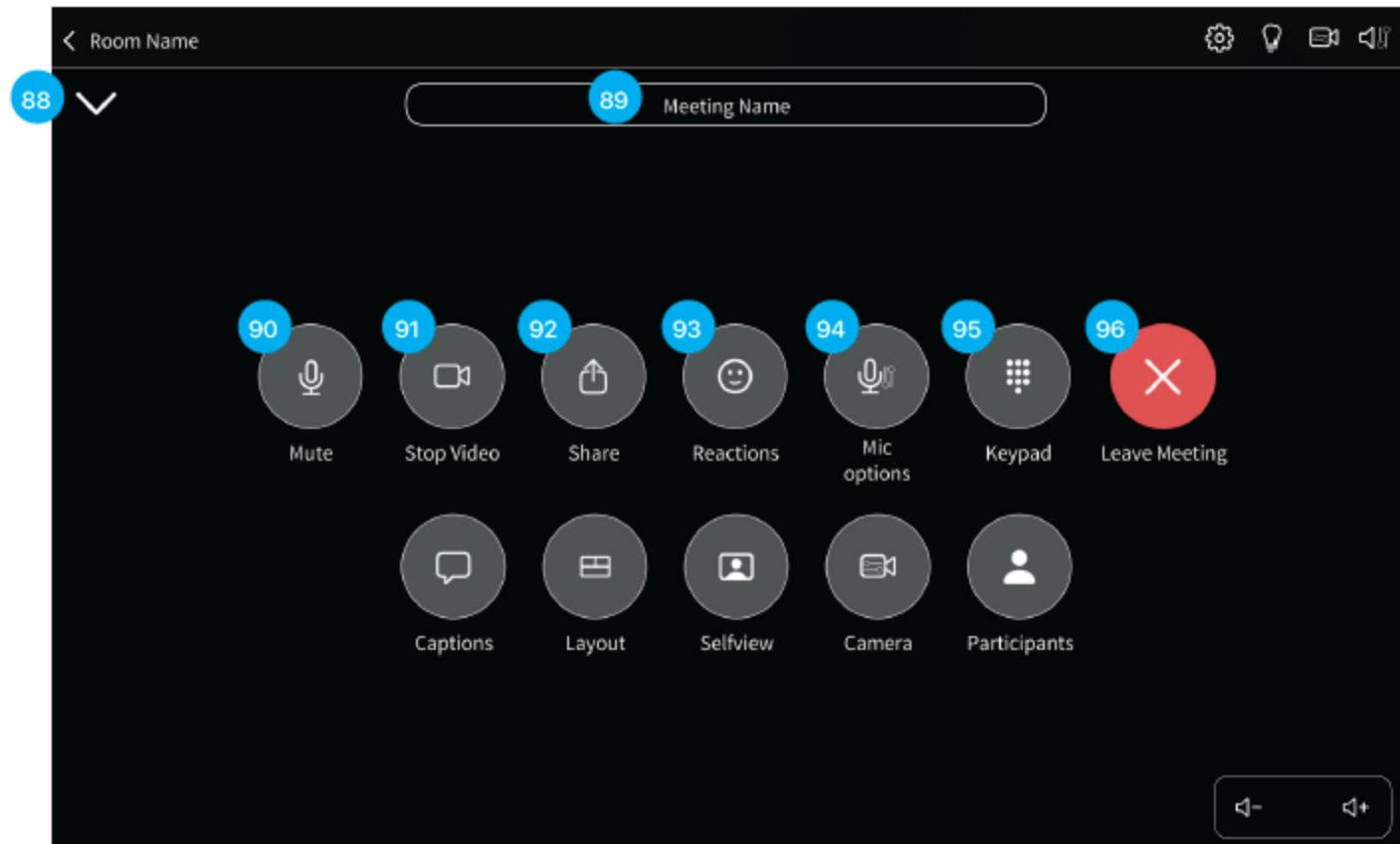
Access mic controls

95 Keypad

Access keypad

96 Leave meeting

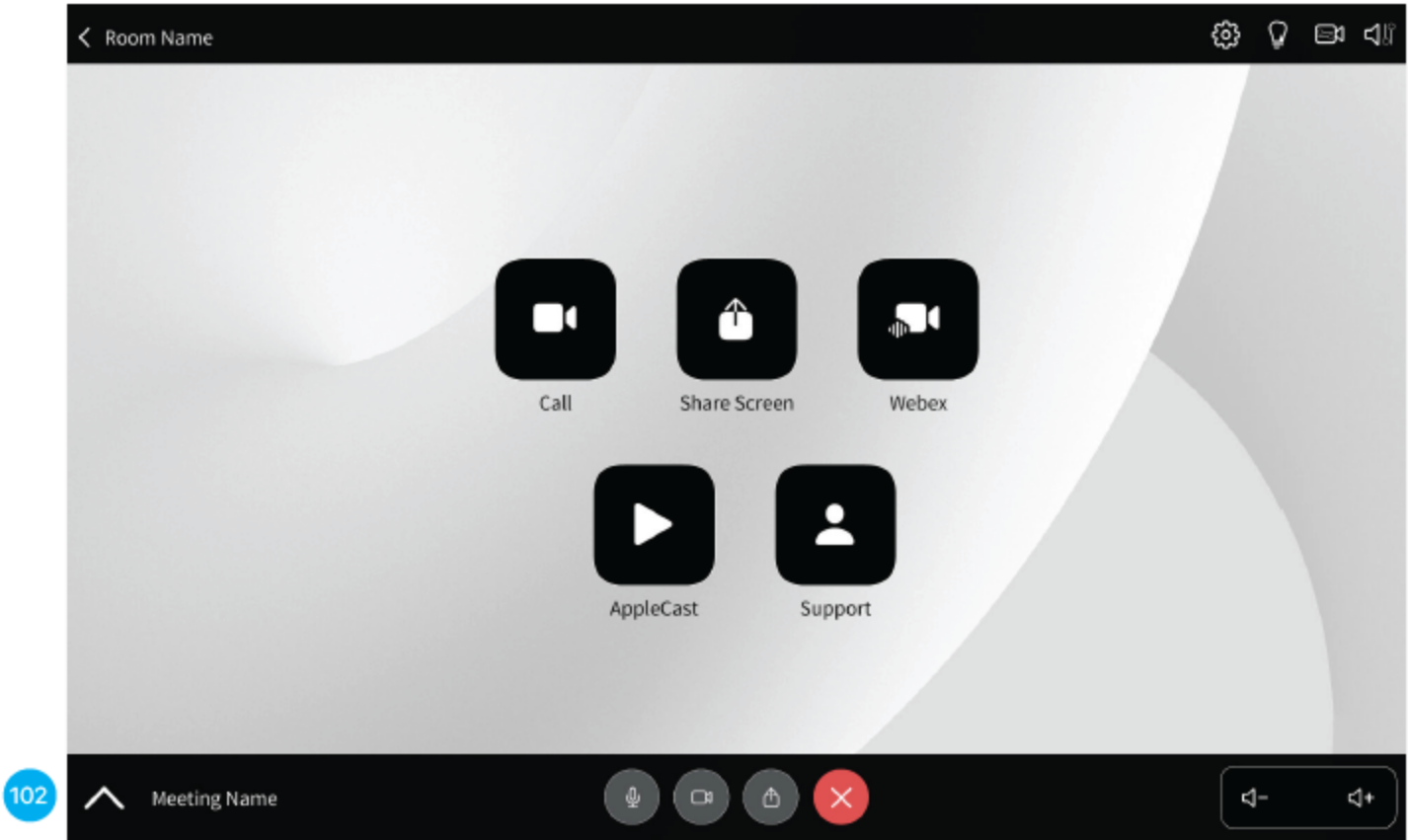
Disconnects call



Collapsed Controls

102 Show

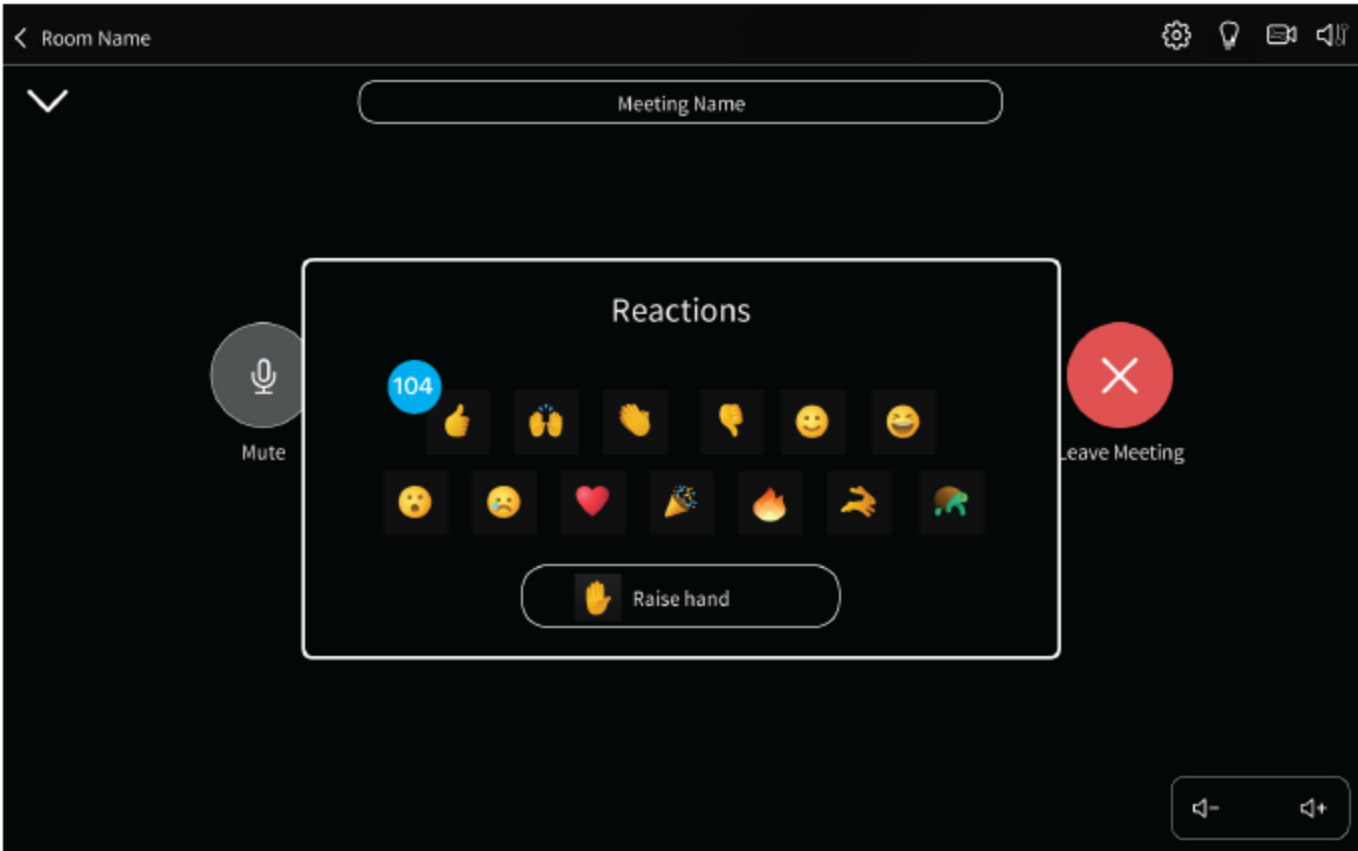
Toggle on/off to show/hide full Webex controls



Reactions

104 Emojis

Select to show an emoji on the display



Leave Meeting (Host)

139 End meeting for everyone

Disconnects call for all participants

140 Assign host automatically and leave

Disconnects call for current host and assigns a participant as new host so meeting can continue

141 Exit

Returns to previous screen without disconnecting call

