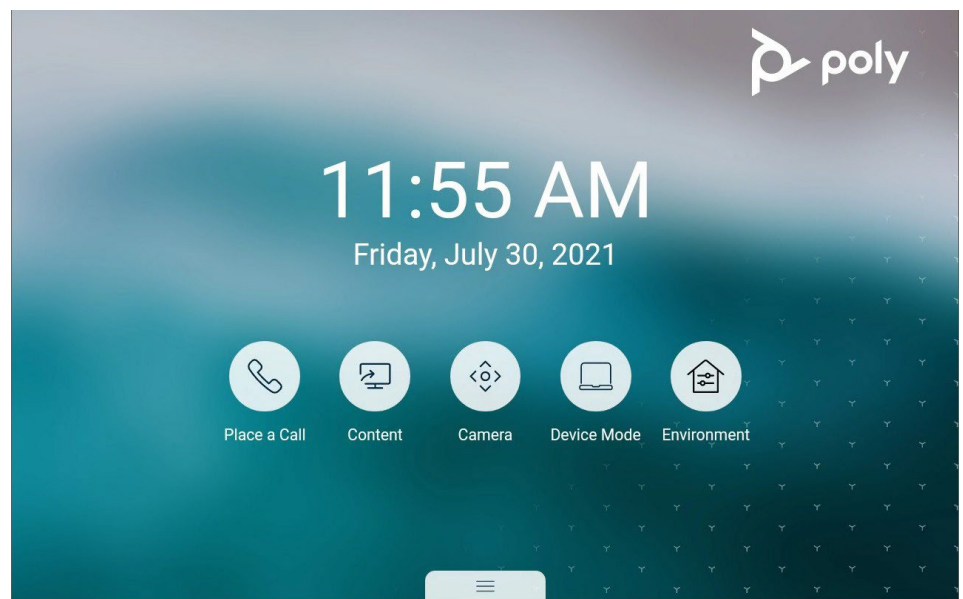



EXTRON CONTROL for POLY TOUCH CONTROLLER®


Application Software



Safety Instructions


Safety Instructions • English


WARNING: This symbol, , when used on the product, is intended to alert the user of the presence of uninsulated dangerous voltage within the product's enclosure that may present a risk of electric shock.

ATTENTION: This symbol, , when used on the product, is intended to alert the user of important operating and maintenance (servicing) instructions in the literature provided with the equipment.

For information on safety guidelines, regulatory compliances, EMI/EMF compatibility, accessibility, and related topics, see the Extron Safety and Regulatory Compliance Guide, part number 68-290-01, on the Extron website, www.extron.com.


تعليمات السلامة • العربية

تحذير: هذا الرمز، , عند استخدامه على المنتج، مخصص لتبنيته المستخدم فيما يتعلق بوجود جهد كهربائي غير معزول على الغلاف الخارجي للمنتج وهو ما قد ينطوي على مخاطر حدوث صدمة كهربائية.

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Sicherheitsanweisungen • Deutsch


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Instrucciones de seguridad • Español


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ATENCIÓN: Este símbolo, , cuando se utiliza en el producto, avisa al usuario de la presencia de importantes instrucciones de uso y mantenimiento estas están incluidas en la documentación proporcionada con el equipo.

Para obtener información sobre directrices de seguridad, cumplimiento de normativas, compatibilidad electromagnética, accesibilidad y temas relacionados, consulte la Guía de cumplimiento de normativas y seguridad de Extron, referencia 68-290-01, en el sitio Web de Extron, www.extron.com.


Instructions de sécurité • Français


AVERTISSEMENT : Ce pictogramme, , lorsqu'il est utilisé sur le produit, signale à l'utilisateur la présence à l'intérieur du boîtier du produit d'une tension électrique dangereuse susceptible de provoquer un choc électrique.

ATTENTION : Ce pictogramme, , lorsqu'il est utilisé sur le produit, signale à l'utilisateur des instructions d'utilisation ou de maintenance importantes qui se trouvent dans la documentation fournie avec l'équipement.

Pour en savoir plus sur les règles de sécurité, la conformité à la réglementation, la compatibilité EMI/EMF, l'accessibilité, et autres sujets connexes, lisez les informations de sécurité et de conformité Extron, réf. 68-290-01, sur le site Extron, www.extron.com.


Istruzioni di sicurezza • Italiano


AVVERTENZA: Il simbolo, , se usato sul prodotto, serve ad avvertire l'utente della presenza di tensione non isolata pericolosa all'interno del contenitore del prodotto che può costituire un rischio di scosse elettriche.

ATTENZIONE: Il simbolo, , se usato sul prodotto, serve ad avvertire l'utente della presenza di importanti istruzioni di funzionamento e manutenzione nella documentazione fornita con l'apparecchio.

Per informazioni su parametri di sicurezza, conformità alle normative, compatibilità EMI/EMF, accessibilità e argomenti simili, fare riferimento alla Guida alla conformità normativa e di sicurezza di Extron, cod. articolo 68-290-01, sul sito web di Extron, www.extron.com.


Instrukcje bezpieczeństwa • Polska


OSTRZEŻENIE: Ten symbol, , gdy używany na produkt, ma na celu poinformować użytkownika o obecności izolowanego i niebezpiecznego napięcia wewnątrz obudowy produktu, który może stanowić zagrożenie porażenia prądem elektrycznym.

UWAGI: Ten symbol, , gdy używany na produkt, jest przeznaczony do ostrzeżenia użytkownika ważne operacyjne oraz instrukcje konserwacji (obsługi) w literaturze, wyposażone w sprzęt.

Informacji na temat wytycznych w sprawie bezpieczeństwa, regulacji wzajemnej zgodności, zgodność EMI/EMF, dostępności i Tematy pokrewne, zobacz Extron bezpieczeństwa i regulacyjnego zgodności przewodnik, część numer 68-290-01, na stronie internetowej Extron, www.extron.com.

Инструкция по технике безопасности • Русский

ПРЕДУПРЕЖДЕНИЕ: Данный символ, , если указан на продукте, предупреждает пользователя о наличии неизолированного опасного напряжения внутри корпуса продукта, которое может привести к поражению электрическим током.

ВНИМАНИЕ: Данный символ, , если указан на продукте, предупреждает пользователя о наличии важных инструкций по эксплуатации и обслуживанию в руководстве, прилагаемом к данному оборудованию.

Для получения информации о правилах техники безопасности, соблюдении нормативных требований, электромагнитной совместимости (ЭМП/ЭДС), возможности доступа и других вопросах см. руководство по безопасности и соблюдению нормативных требований Extron на сайте Extron: www.extron.com, номер по каталогу - 68-290-01.

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안전 지침 • 한국어

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안전 가이드라인, 규제 준수, EMI/EMF 호환성, 접근성, 그리고 관련 항목에 대한 자세한 내용은 Extron 웹 사이트(www.extron.com)의 Extron 안전 및 규제 준수 안내서, 68-290-01 조항을 참조하십시오.

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Conventions Used in this Guide

Notifications

The following notifications are used in this guide:

NOTE: A note draws attention to important information.

TIP: A tip provides a suggestion to make working with the application easier.

ATTENTION: An ATTENTION is used to indicate potential damage to product or property.

Software Commands

Commands are written in the fonts shown here:

```
^ARMerge Scene,,0pl scene 1,1 ^B 51 ^W^C.0
[01]R000400300004000080000600 [02] 35 [17] [03]
E X! *X1&* X2)* X2#* X2! CE}
```

NOTE: For commands and examples of computer or device responses used in this guide, the character “0” is used for the number zero and “O” is the capital letter “o.”

Computer responses and directory paths that do not have variables are written in the font shown here:

```
Reply from 208.132.180.48: bytes=32 times=2ms TTL=32
C:\Program Files\Extron
```

Variables are written in slanted form as shown here:

```
ping xxx.xxx.xxx.xxx -t
SOH R Data STX Command ETB ETX
```

Selectable items, such as menu names, menu options, buttons, tabs, and field names are written in the font shown here:

From the **File** menu, select **New**.
Click the **OK** button.

Specifications Availability

Product specifications are available on the Extron website, www.extron.com.

Extron Glossary of Terms

A glossary of terms is available at <http://www.extron.com/technology/glossary.aspx>.

Contents

Introduction.....	1
Overview.....	1
Requirements.....	1
Application Diagram.....	2

Installing the Poly Touch Controller Application.....	3
GCP Configuration.....	3
Enabling the Extron Control Application on the Poly Touch Controller Device.....	4

Using Extron Control for Poly Touch Controller.....	6
Opening the Extron Application for the First Time.....	6
Adding Rooms to the Extron Control Processor.....	8
Editing the Control Processor.....	11

Environment Control Screens.....	12
General Screen.....	13
Display Screen.....	13
Lighting Screen.....	14
Shades Screen.....	14

Reference Information.....	15
Accessing Environment Controls outside of Poly OS Mode.....	15
Disabling the Extron Control for Poly Touch Controller Application.....	17

Introduction

This section provides an overview of the Extron Control for Poly Touch Controller application. Topics include:

- [Overview](#)
- [Requirements](#)
- [Application Diagram](#)

Overview

Extron Control for Poly Touch Controller enables Extron control capabilities for all Poly Group Video Conferencing Solutions. The Extron Control for Android App is embedded within Poly VideoOS software, allowing users to seamlessly enhance their conferencing solutions with room control devices such as lighting, window shades, displays, and more. This combination provides scalability, simplified controls, and automation for the most demanding meeting room requirements. Poly Group Video Conferencing solutions are also directly compatible with Extron control solutions.

Requirements

The following are required to run the app:

- Poly TC8 or TC10 and one of the following android appliances:
 - Poly G7500
 - Poly Studio X30
 - Poly Studio X50
 - Poly Studio X70
- Extron Pro Series control processor with User Interface Upgrade LinkLicense (see <https://www.extron.com/product/linklicense> for suitable models)
- Extron Control for Poly Touch Controller GUI Designer Files
- Extron Control for Poly Touch Controller System ethernet driver.
- Extron software (see <https://www.extron.com/download/software.aspx?material=2>):
 - GUI Designer version 1.11.0 or later — to modify the graphical elements of the system template.
 - Either Global Configurator Plus (GCP) version 3.5.1.x or later, or Global Scripter (GS) version 2.2.0.x or later, to configure or program the control functions of the system template.
 - Toolbelt

Application Diagram

The following diagram shows a typical hardware configuration for the Extron Control for Poly Touch Controller application.

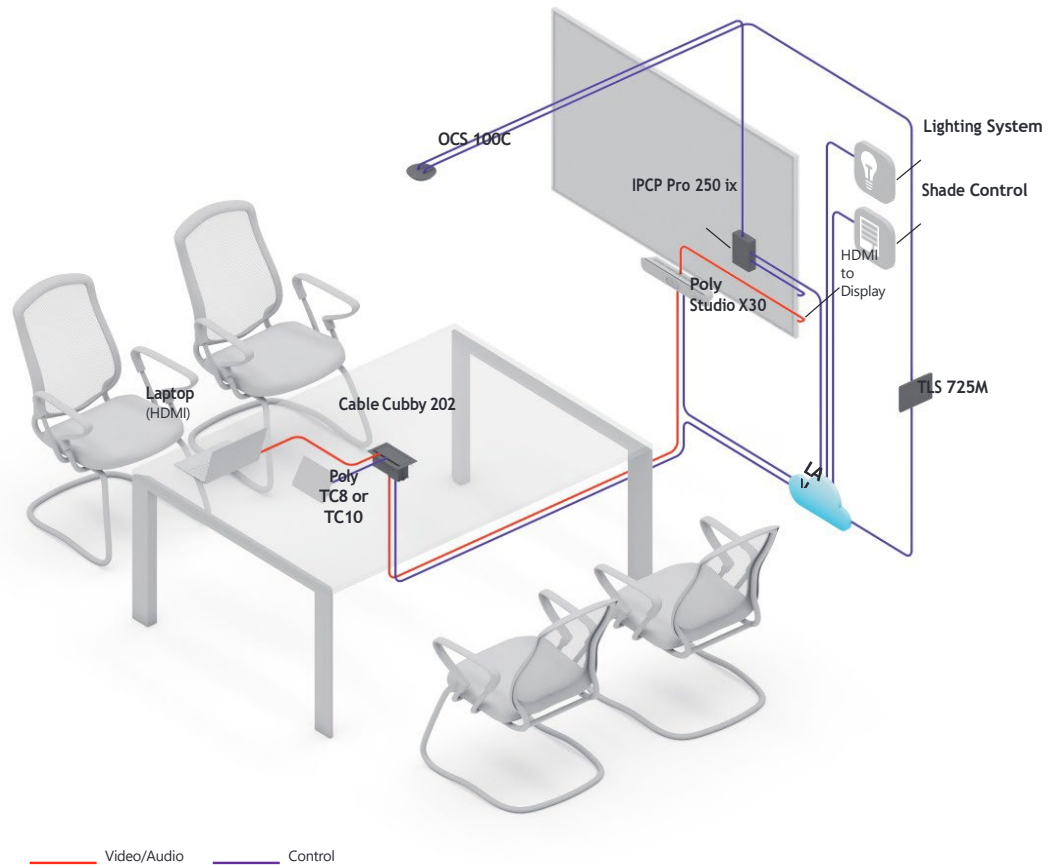


Figure 1. Extron Control for Poly Touch Controller Diagram

Installing the Poly Touch Controller Application

This section provides the following topics:

- **GCP Configuration**
- **Enabling the Extron Control Application on the Poly Touch Controller Device**

GCP Configuration

1. Download the following from the Extron website.
 - a. Extron Control for Poly Touch Controller System Ethernet driver.
 - b. The Extron Control for Poly Touch Controller GUI Designer Files template zip folder.
2. Make a note of the following:
 - a. Control processor user name and password for later use.
 - b. IP address and MAC address to locate device in GCP or Toolbelt.
 - c. IP Address, Username, and Password of Poly Studio X30, X50, X70 or G7500.
3. Open a GCP project.
4. In the project, add the Extron Pro Series control processor with User Interface Upgrade LinkLicense.
5. Add a Touchlink Touchpanel.
6. Select **Extron Control for Android** (see figure 2, ❶).
7. Import the Extron Control for Poly Touch Controller GUI Designer Files template, found in the downloaded zipped folder.
8. Add the driver downloaded in step 1 to the Ethernet ports on the control processor.
 - a. Select the Ethernet port with the Extron Control for Poly Touch Controller driver (❷).
 - b. Enter the IP address, Username and Password (❸) of the device from step 2.
9. Add the drivers or modules for other devices that need to be controlled.

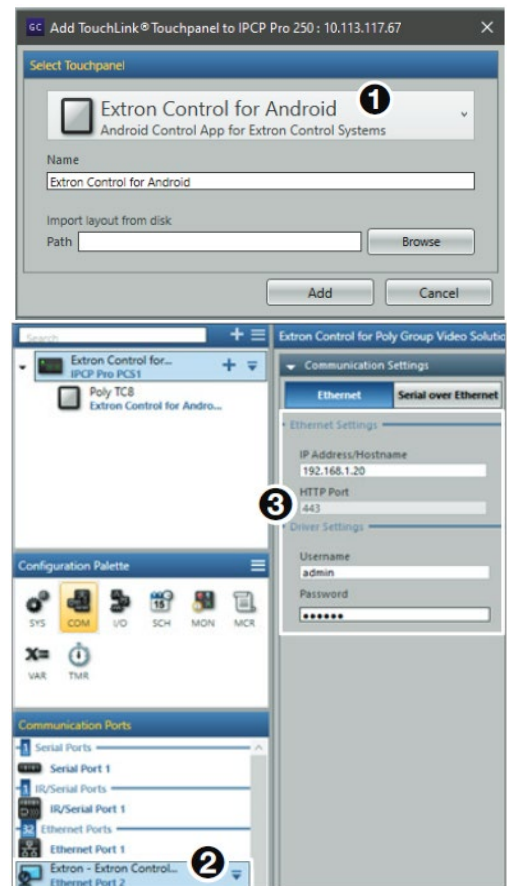


Figure 2. GCP Configuration

Enabling the Extron Control Application on the Poly Touch Controller Device

Poly Video OS 4.0 supports configuring the Extron Control for Poly Touch Controller application onto the Poly TC8 or TC10 device, which enables users to control smart devices, such as lighting, window shades, and displays, and so on. These are all controlled through the Extron Pro Series Control ecosystem.

Within the Poly System (X30, X50, X70, G7500) web interface, you can enable the TC8 or TC10 device to show the Environmental Controls button and enable users to control devices using the Extron Room Control application.

1. In the Poly system web interface, select **General Settings > System Settings**.
2. Under Environment (see figure 3, ❶), select the **Enable Environment Controls** checkbox.
3. Click **Save**.

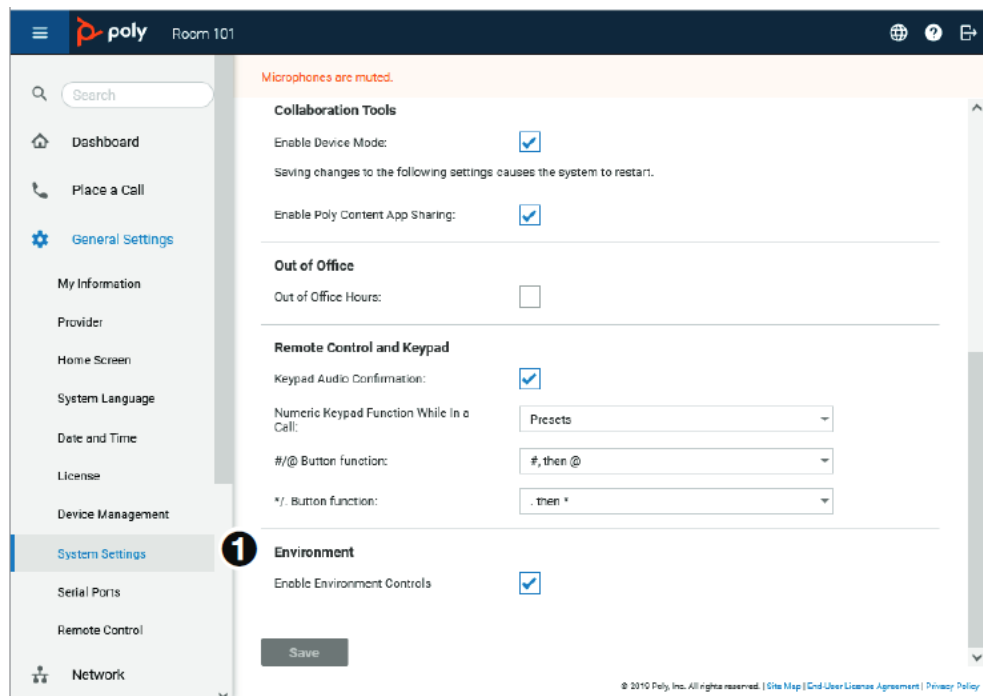


Figure 3. Poly System Web Interface

The following is how the Poly Touch Controller application appears with the Extron Environment Control Application (see figure 4, ❶) enabled.

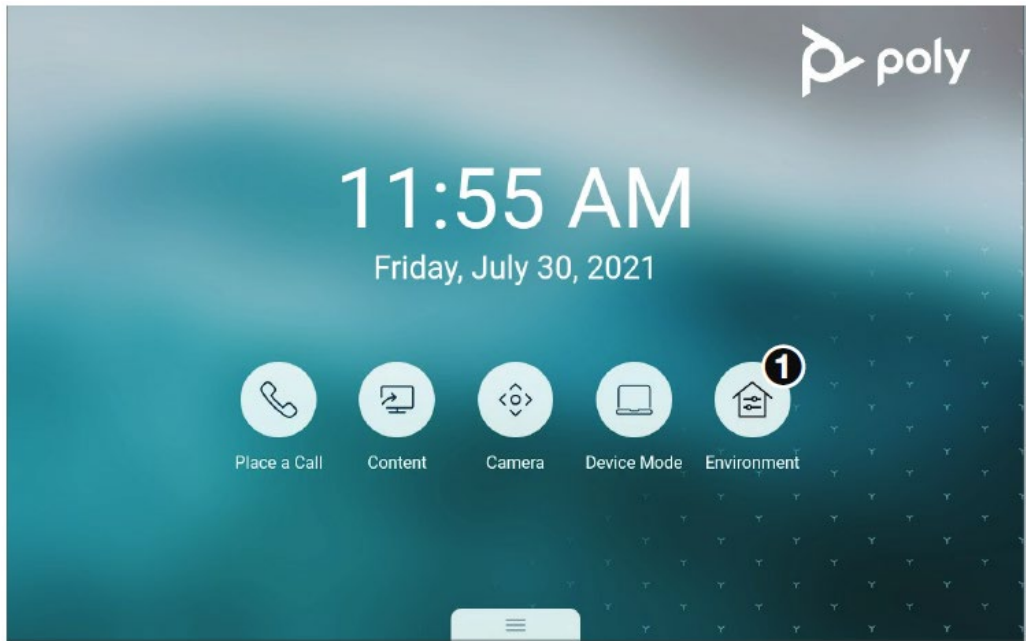


Figure 4. Environment Control Enabled on Poly Touch Controller

Users can also access the Extron Environment Control application through the Poly Touch Controller side menu (see figure 5, ❶). This menu can be accessed via a right to left swipe of the screen.

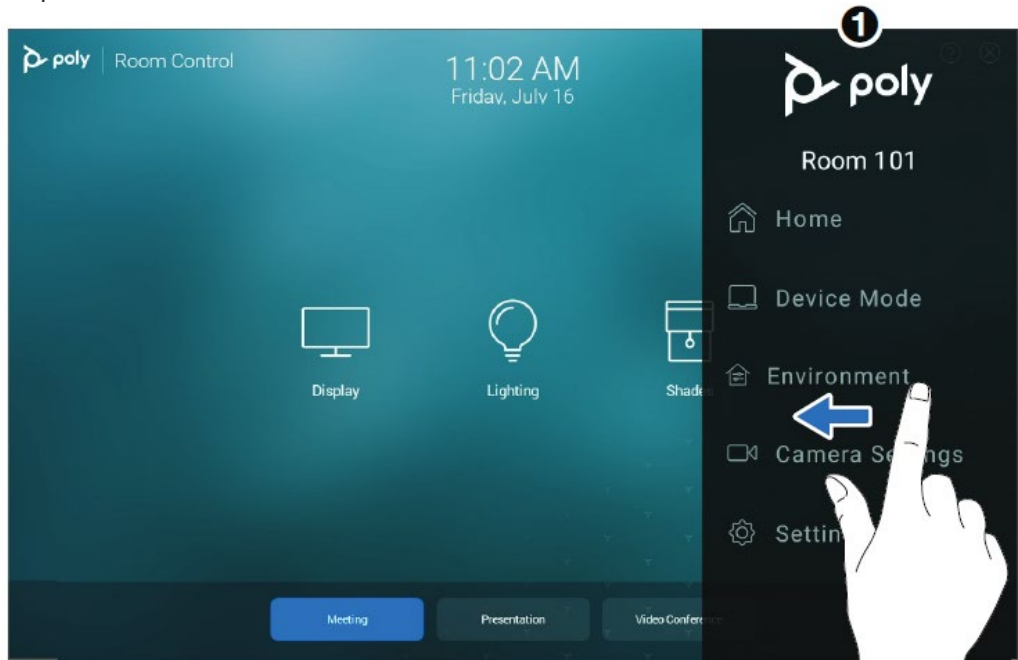


Figure 5. Accessing Environment Control with the Touch Control Side Menu

Using Extron Control for Poly Touch Controller

This section details the steps for using Extron Control for Poly Touch Controller:

- [Opening the Extron Application for the First Time](#)
- [Adding Rooms to the Extron Control Processor](#)
- [Editing the Control Processor](#)

Opening the Extron Application for the First Time

When opening the program for the first time, it must be configured. This is a one-time setup. Tap the options menu (1) and select **Settings** (2).



Figure 6. Room Manager – Header

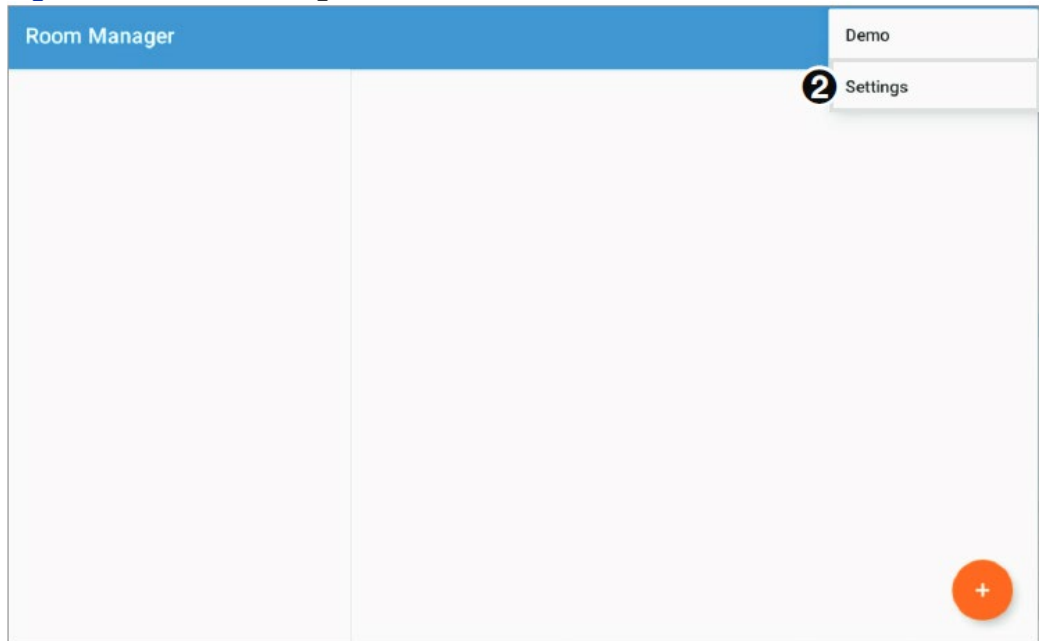


Figure 7. Selecting Settings from the Room Manager Page

The following is how the default Settings page appears upon opening for the first time:



Figure 8. Default Settings Configuration

Room Manager Pin — Extron recommends enabling the room manager pin and setting a default password. This prevents unauthorized access to the Extron Control Applications administrative settings.

Tap the switch for the room manager PIN (see figure 8, ❶), enter a new four digit pin, and save.

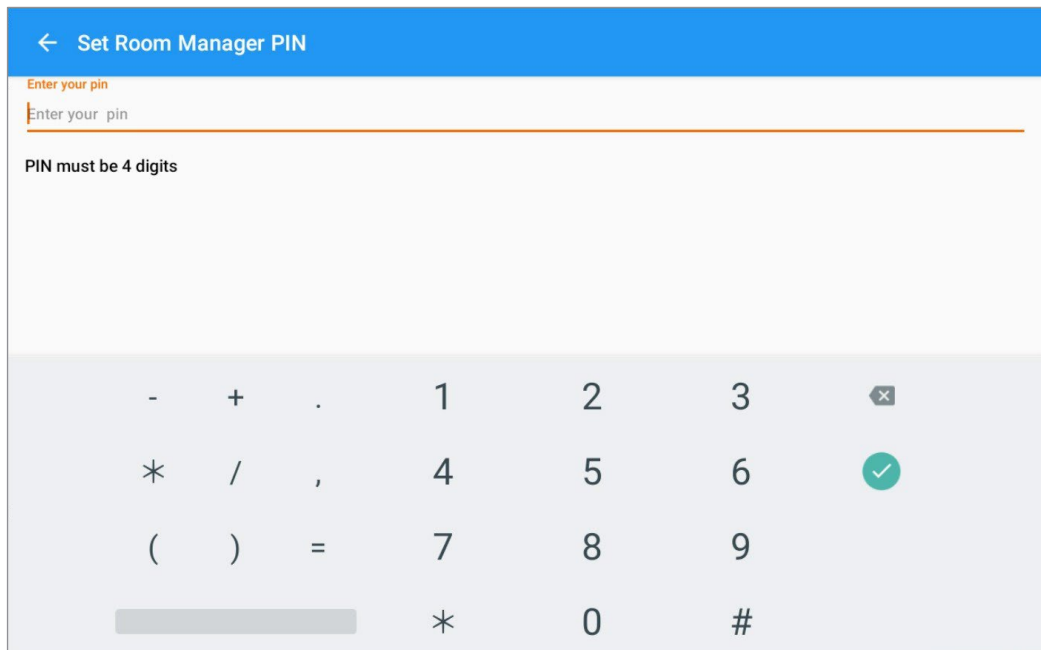


Figure 9. Setting the Room Manager Pin

The following is how the Settings page appears after making the necessary adjustments:



Figure 10. Custom Settings Configuration

Adding Rooms to the Extron Control Processor

New rooms, each containing a user interface, can be added to the Room Manager page by tapping the **Add Room** button (see figure 11, **1**).



Figure 11. Room Manager Default

1. To add new rooms to the Room Manager page, tap the **Add Room** button (**1**). The **Add Room** dialog and on-screen keyboard open.

2. Enter the IP address or Hostname of the Extron IPCP Pro control processor.

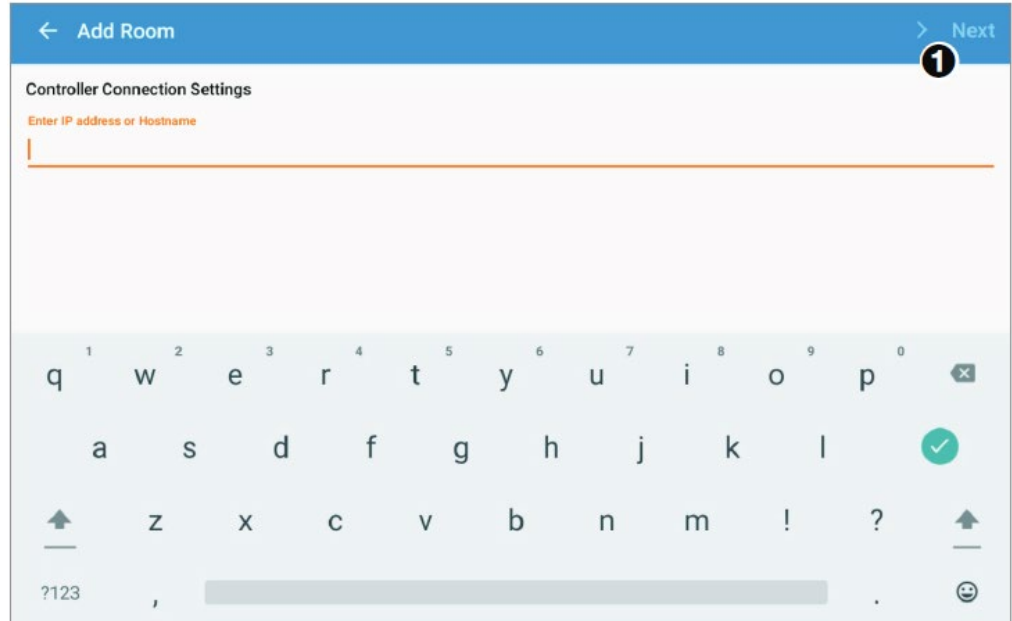


Figure 12. Entering IP or Hostname

3. Tap **Next** (see figure 12, ❶). The app verifies whether the system is online or not. If it is not online, an error message appears. Check the IP or Hostname and reenter it if necessary.
4. Enter the username and password.

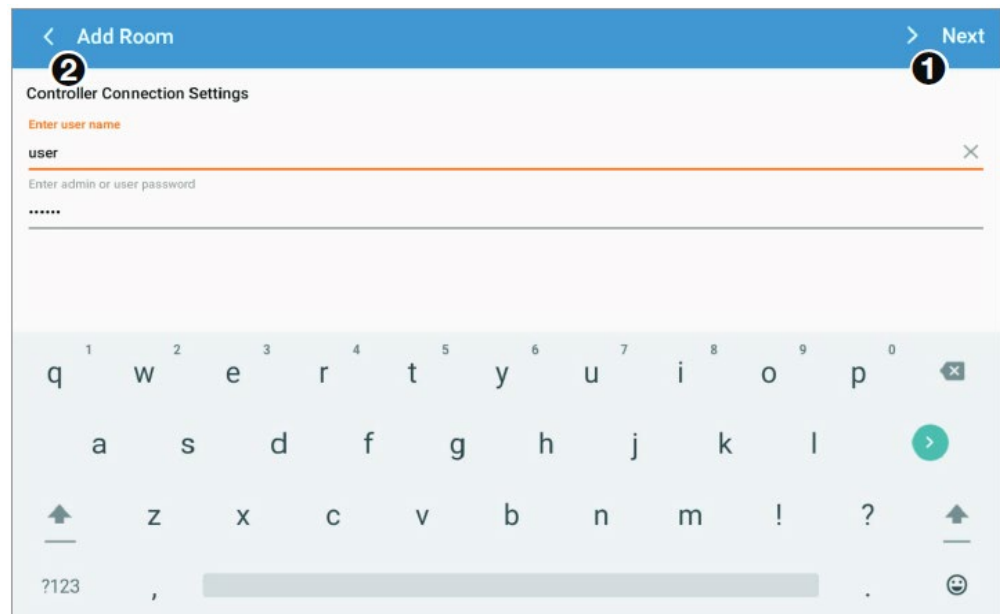


Figure 13. Entering Username and Password

NOTE: Extron recommends using the User Account user name and password.

5. Tap **Next** (see figure 14, ❶). The app verifies that the credentials are valid. If they are not, an error message appears. Check the credentials and reenter them if required.
6. Enter a **Room Name**. The name must be unique and can have up to 64 characters (special characters are allowed). If a duplicate name is entered, the program adds a number to the end of the name to show how often that name has been duplicated.

7. If more than one user interface is configured on the controller, select the correct one from the displayed list.
8. Tap **Save**. The app validates the user interface selected and adds the room to the Rooms list in the left panel.
9. Tap the back arrow (figure 13, ②, on page 9) to return to the user interface. The default Room Control page appears (see figure 14, ①) with the Room Manager bar on the top (②).

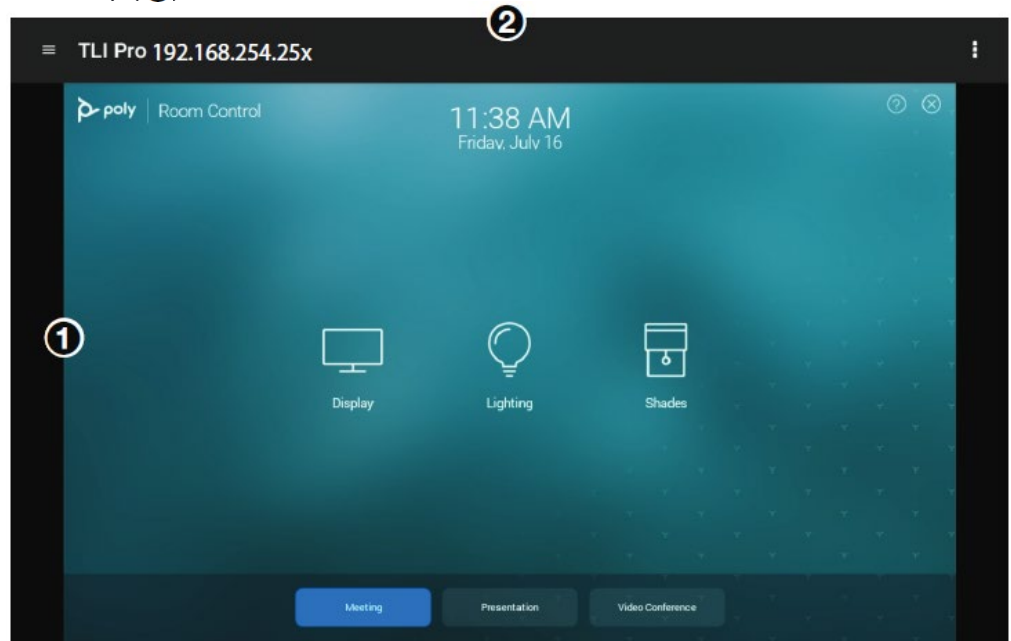


Figure 14. Default Room Control Page

10. To hide the Room Manager bar, place two fingers together upon the screen and pull apart, bringing the user interface into full screen.

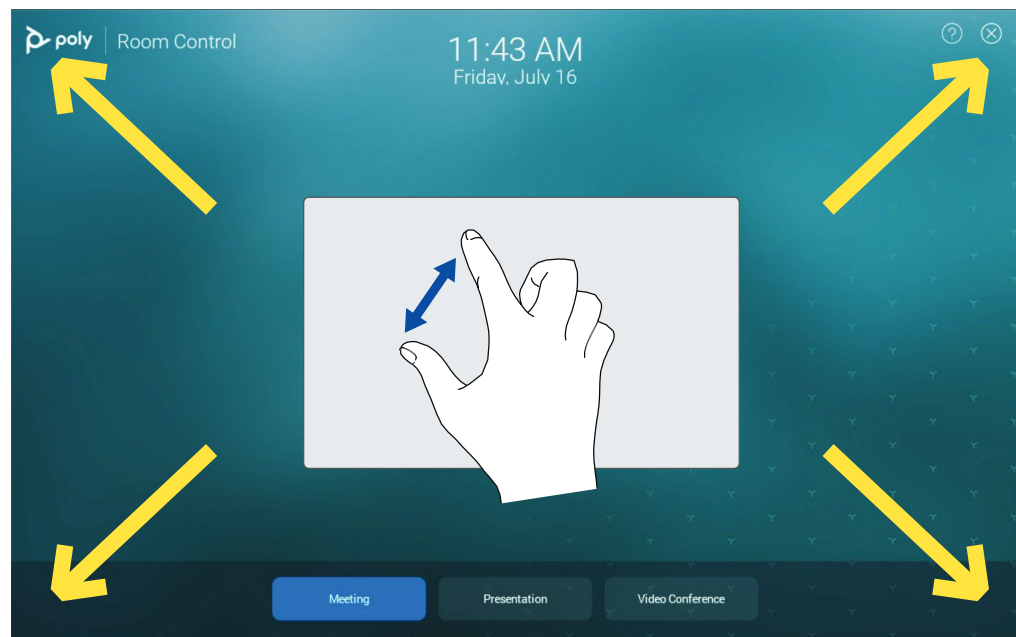


Figure 15. Default Room Control Page - Full Screen

11. For additional information please reference the *Extron Control for Android User Guide* (<https://www.extron.com/product/software/vtlipad>).

Editing the Control Processor

If a system is currently deployed and changes are required within the Extron Control application, the following steps highlights the way to access the application settings.

1. If the Room Manager bar is hidden, set two fingers on the screen and pinch together to bring the page out of full screen.

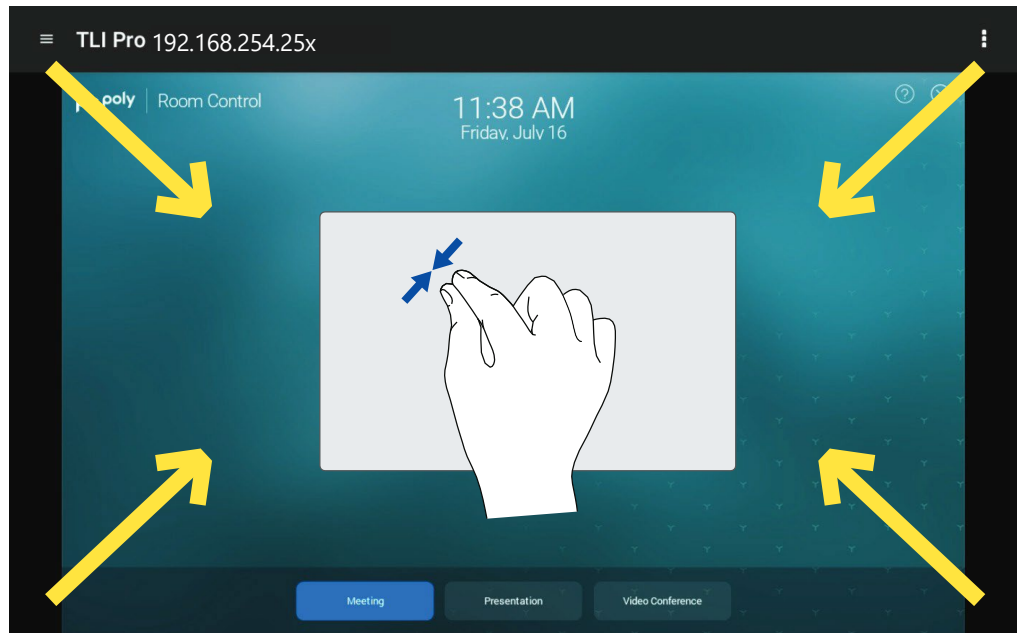


Figure 16. Room Manager Bar

2. Select the **Menu** button on the top right-hand side.
3. (If applicable) Type in the pin code.
4. Make the required changes as necessary.

For additional information please reference the *Extron Control for Android User Guide* (<https://www.extron.com/product/software/vtlipad>).

Environment Control Screens

The previously downloaded Extron Control for Poly Touch Controller GUI Designer Files include the following options. These pages are fully customizable using Extron GUI Designer software.

- **General Screen**
- **Display Screen**
- **Lighting Screen**
- **Shades Screen**

Use the drop-down list (see figure 17, **1**) to switch between the Display, Lighting and Shades screens.

To return to the General screen from the Display, Lighting or Shades screens, click the back arrow (**2**) from the top left corner of any of the three screens.

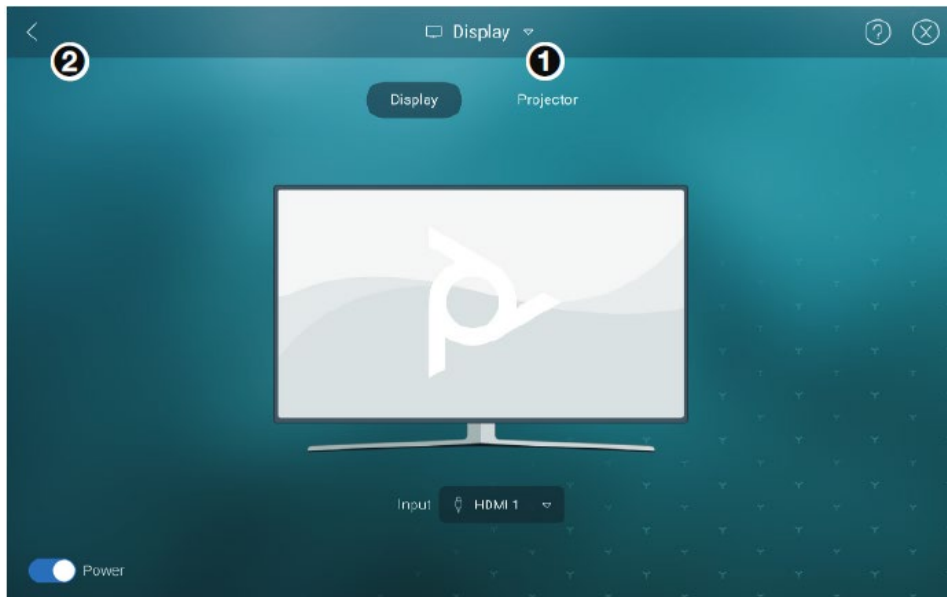


Figure 17. Navigation between Environment Control Screens

General Screen

The Display, Lighting and Shades screens can be accessed by tapping on their respective icons on the General screen.

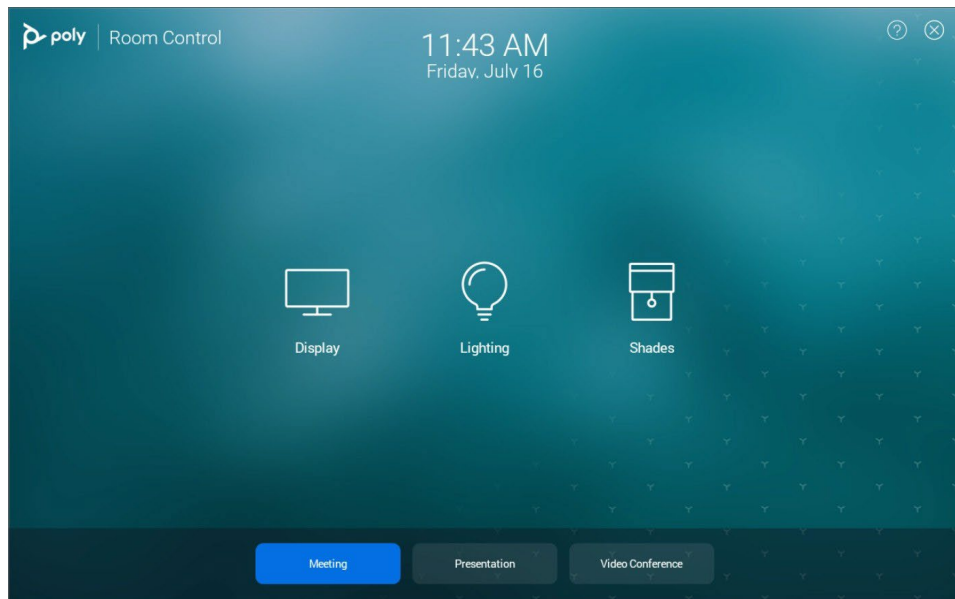


Figure 18. General Screen

The presets at the bottom of this screen can be used to automatically set up the room based on meeting type: meeting, presentation, or video conference.

Display Screen

To open the Display screen from the Lighting or Shades screens, select **Display** from the drop-down list at the center of the top menu bar.

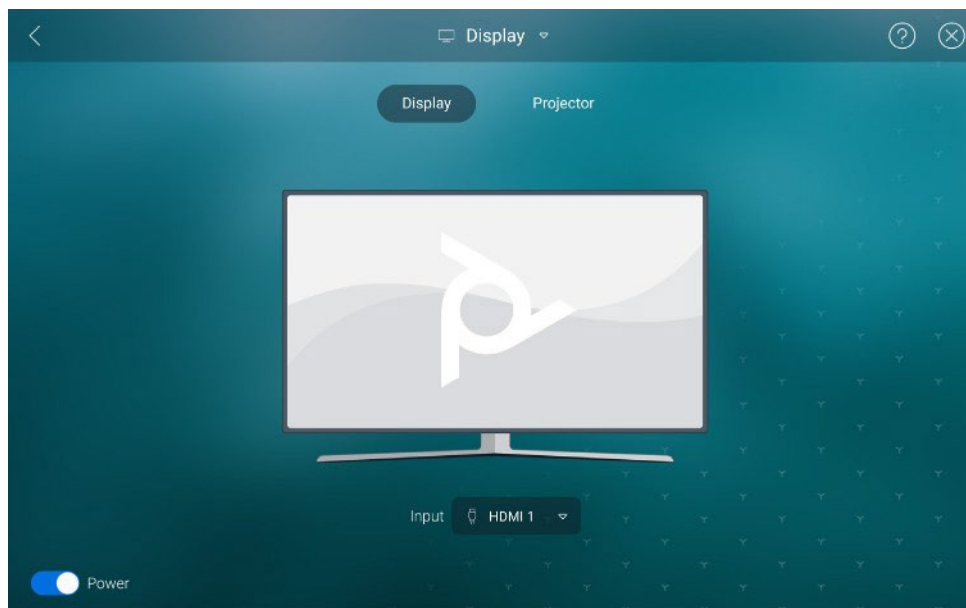


Figure 19. Display Screen

This screen shows switchable display input sources and a preset switch between a display monitor and projector.

Lighting Screen

To open the Lighting screen from the Display or Shades screens, select **Lighting** from the drop-down list on the top menu bar.

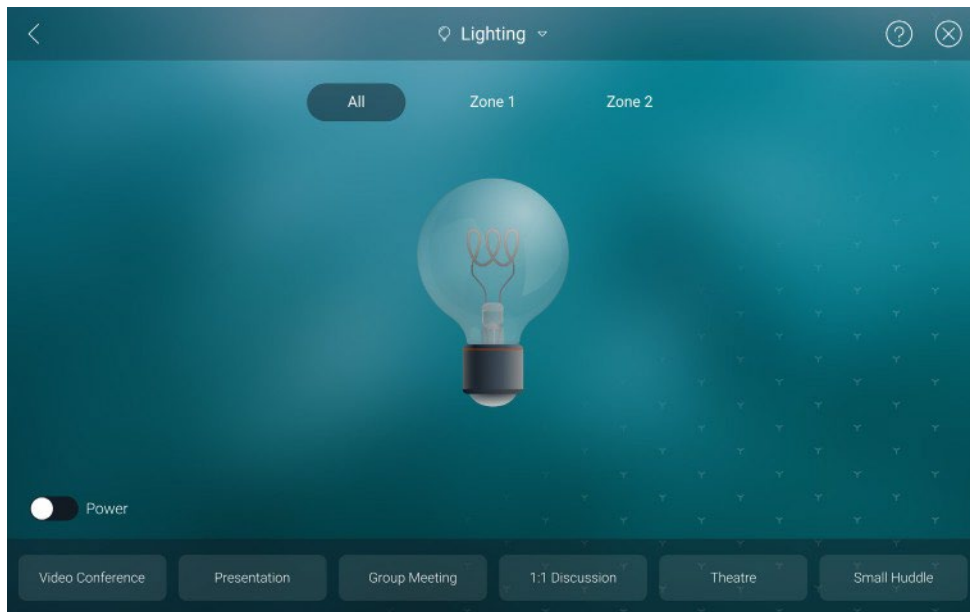


Figure 20. Lighting Screen

This screen can be used to increase or decrease the brightness of the lights or to activate a preset lighting configuration.

Shades Screen

To open the Shades screen from the Display or Lighting screens, select **Shades** from the drop-down list on the top menu bar.

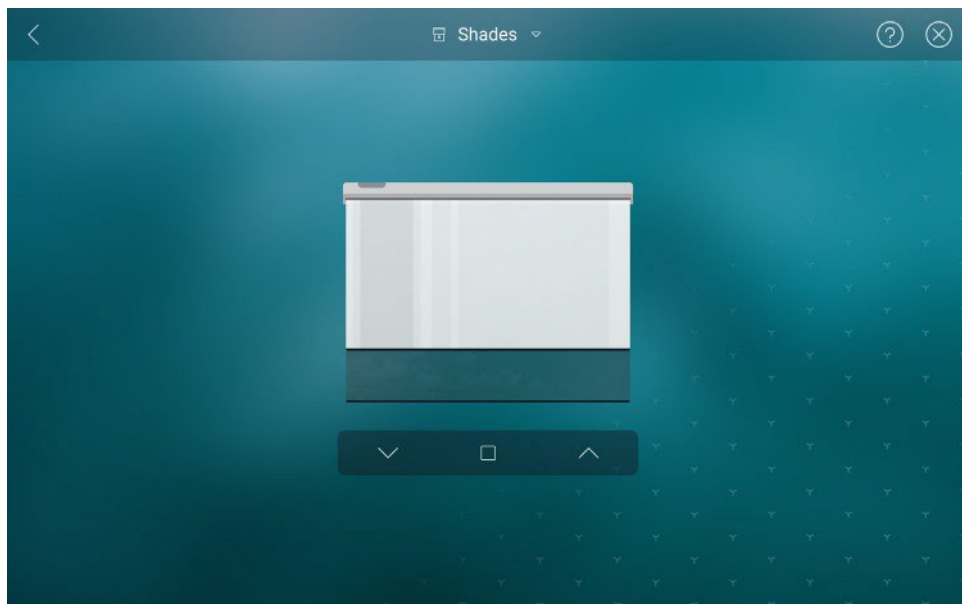


Figure 21. Shades Screen

This screen can be used to adjust the room shades or to activate preset shade configurations.

Reference Information

This section includes the following topics:

- [Accessing Environment Controls outside of Poly OS Mode](#)
- [Disabling the Extron Control for Poly Touch Controller Application](#)

Accessing Environment Controls outside of Poly OS Mode

The Extron Control for Poly Touch Controller application can be accessed when the Poly hardware is running other UC Conferencing providers, such as Microsoft Teams Rooms, Zoom Rooms, and so on. For a full list of providers, go to www.poly.com.

When running the UC Conferencing providers application, users can access the Extron Control for Poly Touch Controller application via the Poly TC8 or TC10 side menu (see figure 22, ①). This menu can be accessed via a right to left swipe on the screen.

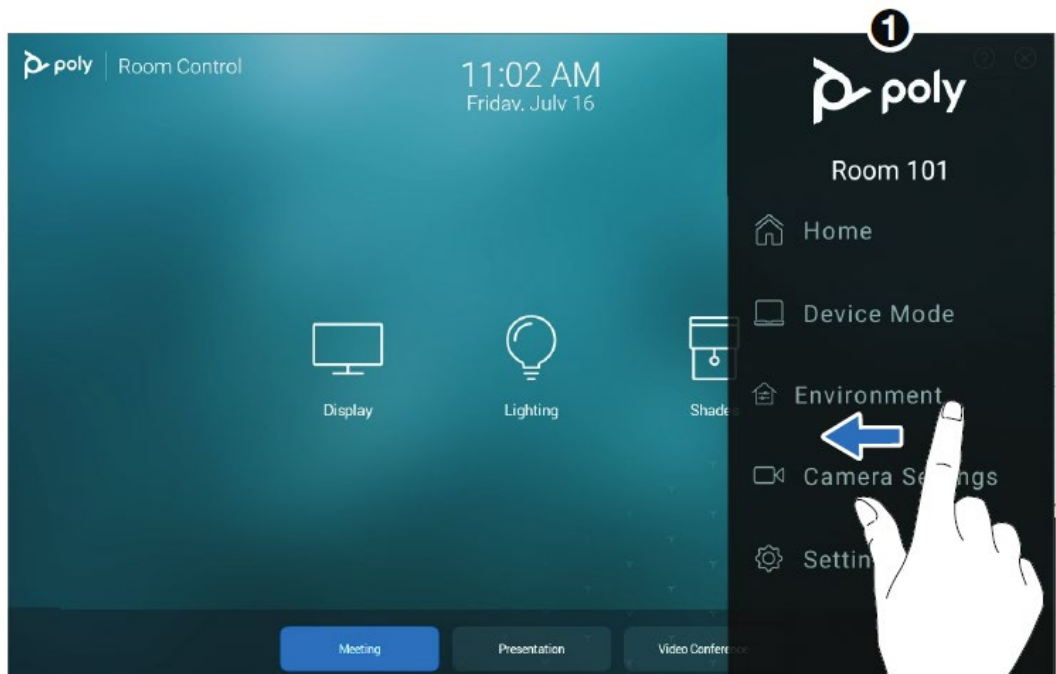


Figure 22. Accessing Extron Environment Control with the Poly Touch Controller Side Menu

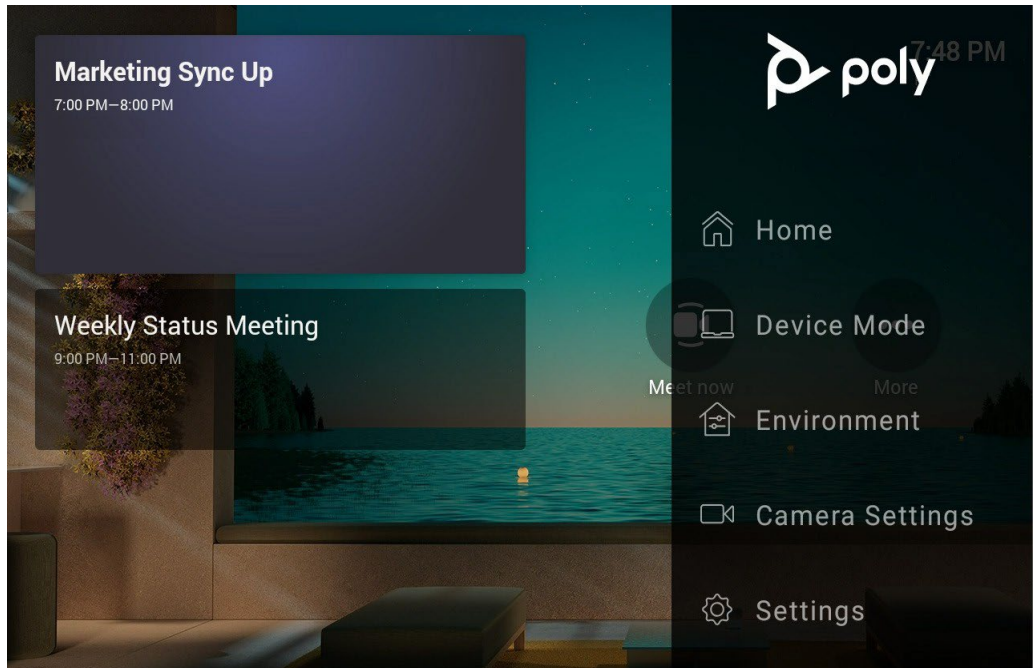


Figure 23. Accessing Environment Control with a Teams Rooms Provider

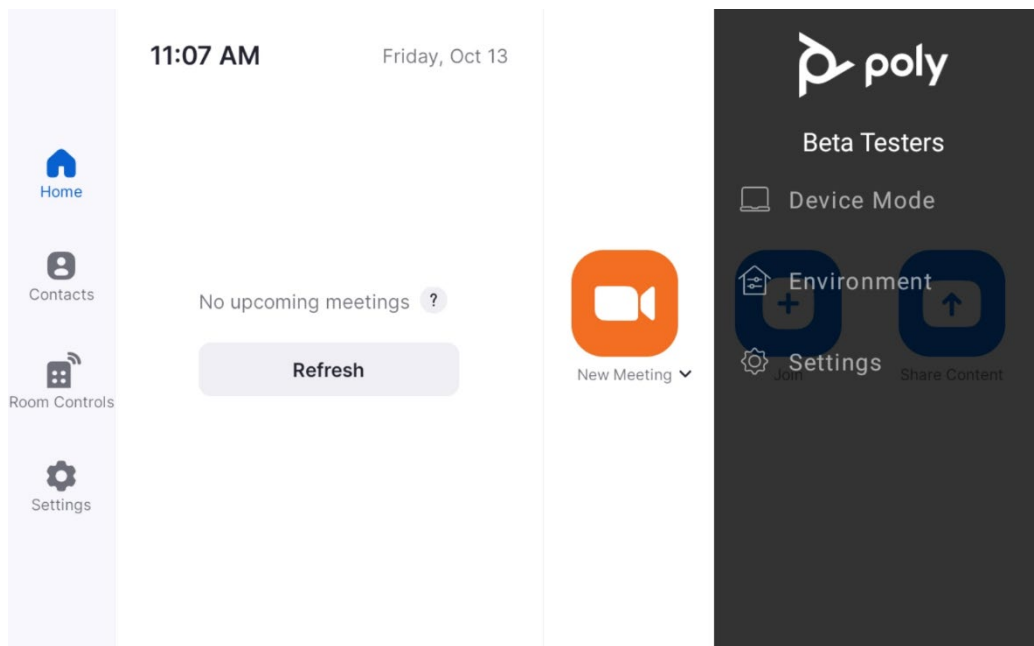


Figure 24. Accessing Environment Control with a Zoom Rooms Provider

Disabling the Extron Control for Poly Touch Controller Application

1. In the Poly system web interface, select **General Settings > System Settings**.
2. Under Environment (see figure 25, ❶), de-select the **Enable Environment Controls** checkbox.
3. Click **Save**.

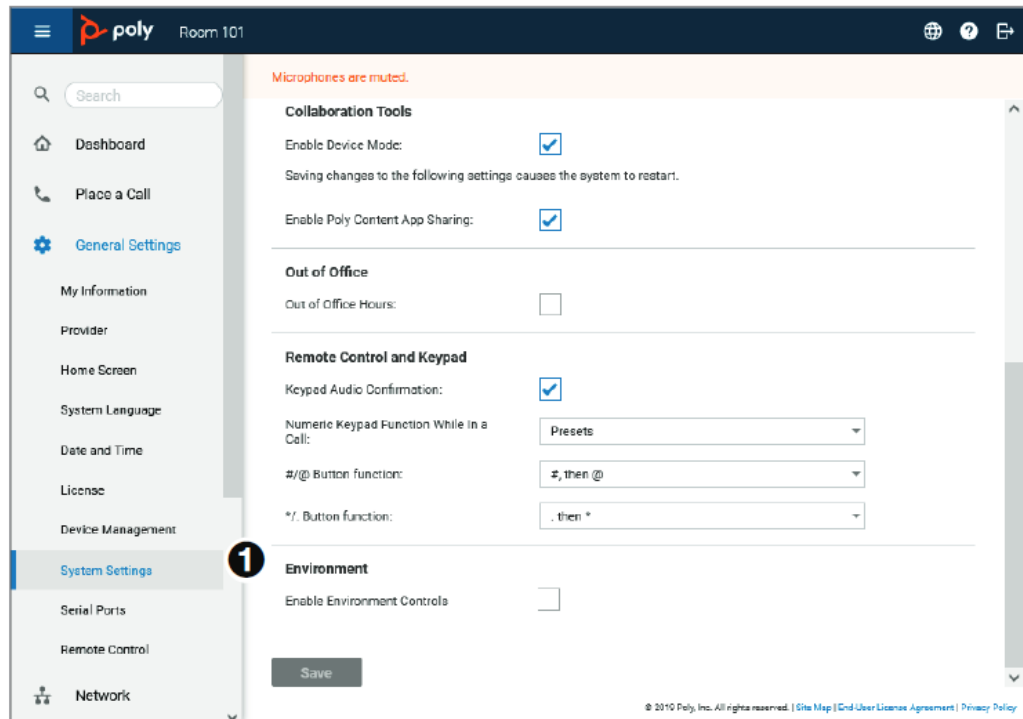


Figure 25. Poly System Web Interface

Extron Warranty

Extron warrants this product against defects in materials and workmanship for a period of three years from the date of purchase. In the event of malfunction during the warranty period attributable directly to faulty workmanship and/or materials, Extron will, at its option, repair or replace said products or components, to whatever extent it shall deem necessary to restore said product to proper operating condition, provided that it is returned within the warranty period, with proof of purchase and description of malfunction to:

**USA, Canada, South America,
and Central America:**

Extron
1230 South Lewis Street
Anaheim, CA 92805
U.S.A.

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135 Joo Seng Road, #04-01
PM Industrial Bldg.
Singapore 368363
Singapore

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Chiyoda-ku, Tokyo 102-0082
Japan

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Extron Europe
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3825 PH Amersfoort
The Netherlands

China:

Extron China
686 Ronghua Road
Songjiang District
Shanghai 201611
China

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Extron Middle East
Dubai Airport Free Zone
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United Arab Emirates, Dubai

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160 Jan Smuts Avenue
Rosebank 2196, South Africa

This Limited Warranty does not apply if the fault has been caused by misuse, improper handling care, electrical or mechanical abuse, abnormal operating conditions, or if modifications were made to the product that were not authorized by Extron.

NOTE: If a product is defective, please call Extron and ask for an Application Engineer to receive an RA (Return Authorization) number. This will begin the repair process.

USA: 714.491.1500 or 800.633.9876

Asia: 65.6383.4400

Europe: 31.33.453.4040 or 800.3987.6673

Japan: 81.3.3511.7655

Africa: 27.11.447.6162

Middle East: 971.4.299.1800

Units must be returned insured, with shipping charges prepaid. If not insured, you assume the risk of loss or damage during shipment. Returned units must include the serial number and a description of the problem, as well as the name of the person to contact in case there are any questions.

Extron Electronics makes no further warranties either expressed or implied with respect to the product and its quality, performance, merchantability, or fitness for any particular use. In no event will Extron Electronics be liable for direct, indirect, or consequential damages resulting from any defect in this product even if Extron Electronics has been advised of such damage.

Please note that laws vary from state to state and country to country, and that some provisions of this warranty may not apply to you.