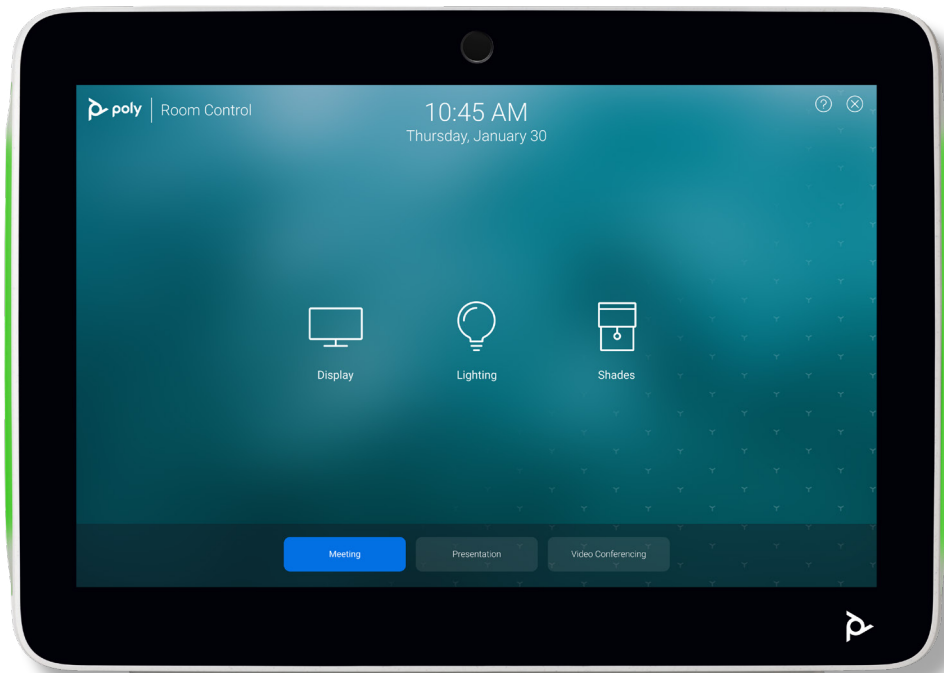


Extron Control for Poly


Application Software




User Guide Extron Control

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 لتنبيه المستخدم فيما يتعلق بوجود جهد كهربائي غير معزول على الغلاف الخارجي للمنتج وهو ما قد ينطوي على مخاطر حدوث صدمة كهربائية.

انتبه: هذا الرمز، , عند استخدامه على المنتج، مخصص لتنبيه المستخدم بتعليمات التشغيل والصيانة الهامة (الخدمة) في المواد التي يتم توفيرها مع المعدات.

للحصول على المزيد من المعلومات حول إرشادات السلامة، والتوافق التنظيمية، والتوافق الكهرومغناطيسي/المجال الكهرومغناطيسي، وإمكانية الوصول، والموضوعات ذات الصلة، يُرجى مراجعة دليل السلامة والتوافق التنظيمي www.extron.com الخاص بإكسترون، الجزء رقم 68-290-01، على موقع إكسترون.


Sicherheitsanweisungen • Deutsch


WARUNG: Dieses Symbol , auf dem Produkt soll den Benutzer darauf aufmerksam machen, dass im Inneren des Gehäuses dieses Produktes gefährliche Spannungen herrschen, die nicht isoliert sind und die einen elektrischen Schlag verursachen können.

VORSICHT: Dieses Symbol , auf dem Produkt soll dem Benutzer in der im Lieferumfang enthaltenen Dokumentation besonders wichtige Hinweise zur Bedienung und Wartung (Instandhaltung) geben.

Weitere Informationen über die Sicherheitsrichtlinien, Produkthandhabung, EMI/EMF-Kompatibilität, Zugänglichkeit und verwandte Themen finden Sie in den Extron-Richtlinien für Sicherheit und Handhabung (Artikelnummer 68-290-01) auf der Extron-Website, www.extron.com.


Instrucciones de seguridad • Español


ADVERTENCIA: Este símbolo, , cuando se utiliza en el producto, avisa al usuario de la presencia de voltaje peligroso sin aislar dentro del producto, lo que puede representar un riesgo de descarga eléctrica.

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.

安全说明 • 简体中文

警告: ⚠️ 产品上的这个标志意在警告用户, 该产品机壳内有暴露的危险电压, 有触电危险。

注意: ⚠️ 产品上的这个标志意在提示用户, 设备随附的用户手册中有重要的操作和维护(维修)说明。

关于我们产品的安全指南、遵循的规范、EMI/EMF 的兼容性、无障碍使用的特性等相关内容, 敬请访问 Extron 网站, www.extron.com, 参见 Extron 安全规范指南, 产品编号 68-290-01。

安全記事 • 繁體中文

警告: ⚠️ 若產品上使用此符號, 是為了提醒使用者, 產品機殼內存在未隔離的危險電壓, 可能會導致觸電之風險。

注意: ⚠️ 若產品上使用此符號, 是為了提醒使用者, 設備隨附的用戶手冊中有重要的操作和維護(維修)說明。

有關安全性指導方針、法規遵守、EMI/EMF 相容性、存取範圍和相關主題的詳細資訊, 請瀏覽 Extron 網站: www.extron.com, 然後參閱《Extron 安全性與法規遵守手冊》, 準則編號 68-290-01。

安全上のご注意 • 日本語

警告: この記号 ⚠️ が製品上に表示されている場合は、筐体内に絶縁されていない高電圧が流れ、感電の危険があることを示しています。

注意: この記号 ⚠️ が製品上に表示されている場合は、本機の取扱説明書に記載されている重要な操作と保守(整備)の指示についてユーザーの注意を喚起するものです。

安全上のご注意、法規遵守、EMI/EMF適合性、その他の関連項目については、エクストロンのウェブサイト www.extron.com より「Extron Safety and Regulatory Compliance Guide」(P/N 68-290-01) をご覧ください。

안전 지침 • 한국어

경고: 이 기호 ⚠️ 가 제품에 사용될 경우, 제품의 인클로저 내에 있는 접지되지 않은 위험한 전류로 인해 사용자가 감전될 위험이 있음을 경고합니다.

주의: 이 기호 ⚠️ 가 제품에 사용될 경우, 장비와 함께 제공된 책자에 나와 있는 주요 운영 및 유지보수(정비) 지침을 경고합니다.

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

In this user guide, the following are used:



WARNING: Potential risk of severe injury or death.

AVERTISSEMENT : Risque potentiel de blessure grave ou de mort.

CAUTION: Risk of minor personal injury.

ATTENTION : Risque de blessure mineure.

ATTENTION:

- Risk of property damage.
- Risque de dommages matériels.

NOTE: A note draws attention to important information.

Software Commands

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

Directory paths that do not have variables are written in the font shown here:

C:\Program Files\Extron

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 www.extron.com/technology/glossary.aspx.

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Introduction

This section covers the following topics:

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

Overview

Extron Control for Poly is a unique joint integration effort that enables Extron control capabilities for Poly meeting room solutions. Our Extron Control for Web App is integrated with Poly VideoOS software. With this integration, users can seamlessly enhance their conferencing experiences with control of room devices, such as lighting, window shades, displays, and more, all from the same Poly touch panel used to access call controls. This combination provides scalability, simplified controls, and automation for the most demanding meeting room requirements.

Features

- Effortlessly combines Poly meeting room products with Extron's powerful AV device control for an ideal Microsoft Teams Rooms on Android (MTRoA), Zoom Rooms, or other Poly supported video conferencing solutions.
- Enables scalability of Poly conferencing products to large and customized room environments with easy integration of AV switching, extension, signal distribution, and collaboration.
- Provides room automation and touchless control of AV devices, lighting, and shades with room occupancy sensors.
- Maintains a consistent user experience across the enterprise while accommodating the needs of a wider variety of meeting rooms types and technologies.

Application Diagram

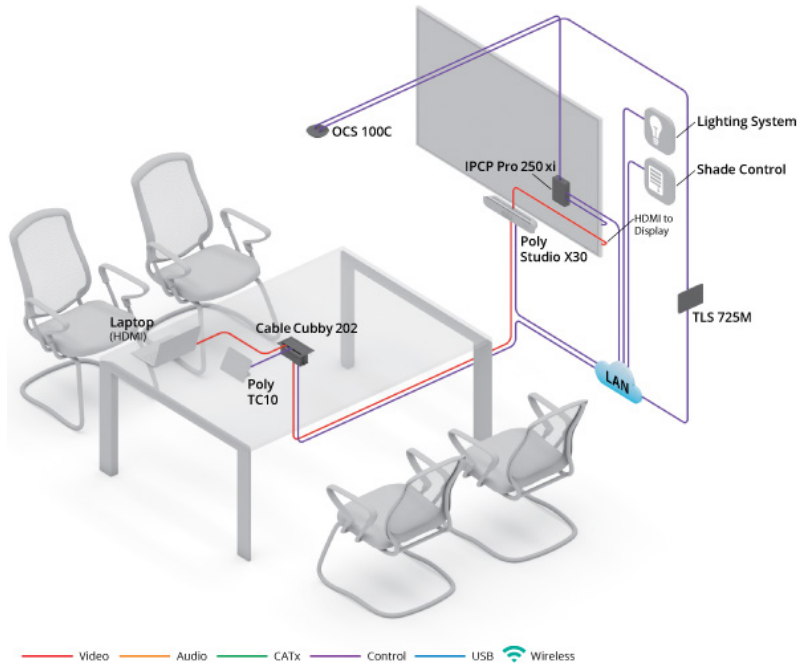


Figure 1. Meeting Room with Extron Control for Poly

Requirements

- Poly Android Touch controller
 - TC10
 - TC8
 - TCOS 6.4.0-7000547 or later
- Poly Android Videoconferencing Device
 - Poly Studio X Series
 - Poly G62
 - Poly G7500
 - Poly VideoOS 4.4.0.416273 or later
- IP Address, Username, and Password of the Poly Android Videoconferencing Device
- Extron [IP Link Pro Series control processor](#) with User Interface Upgrade [LinkLicense](#).
- [Extron Control for Poly Touch Controller](#) System ethernet driver
- [GUI Designer](#) version 1.11.0 or later — to modify the graphical elements of the system template.
- Any of the Extron Control for Poly Touch Controller GUI Themes:
 - [Poly Touch Controller](#)
 - [Zoom Room for Poly Touch Controller](#)
 - [Microsoft Teams Rooms for Poly Touch Controller](#)
- Any of the following Extron Configuration Software:
 - [Global Configurator Plus and Professional](#) version 3.5.1.x or later.
 - [ControlScript Deployment Utility](#) version 1.7.0.
 - [GlobalScripter](#) version 2.2.0 or later.
- [Toolbelt](#) version 2.17 or later.
- Drivers or modules for devices to be controlled.

Setup and Configuration

This section provides the following topics:

- [GCP Configuration](#)
- [Generate Access for IPCP Control Processor](#)
- [Enabling Extron Control for Poly](#)
- [Disabling Extron Control for Poly](#)

GCP Configuration

1. Download the following from the Extron website (see <https://www.extron.com/article/poly#tc8>).
 - a. Extron Control for Poly Touch Controller System Ethernet driver.
 - b. Extron Control for Poly Touch Controller GUI File based on provider (Poly OS, Zoom, Microsoft Teams Rooms).
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 X series, G7500, or G62.
3. Open a GCP project.
4. Add the Extron Pro Series control processor with User Interface Upgrade LinkLicense.
5. Add a Touchlink Touchpanel.
6. Select **Extron Control for Web** (see figure 2, ①).
7. Import the Extron Control for Poly Touch Controller GUI file (see step 1b, above)
8. Add the Extron Control for Poly Touch Controller System ethernet driver to the Ethernet ports on the control processor.
 - a. Select the Ethernet port with the Extron Control for Poly Touch Controller driver (②).
 - b. Enter the IP address, Username and Password (③) of the Poly Android Videoconferencing Device (see [Requirements](#) on page 2).
9. Add the drivers or modules for other devices that need to be controlled.

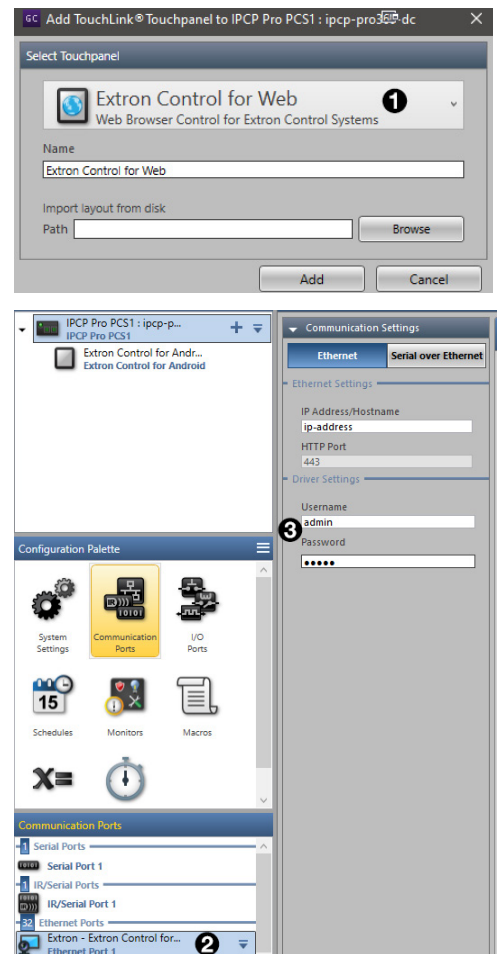


Figure 2. GCP Configuration

Generate Access for IPCP Control Processor

1. Open a web browser and enter the IP address for the control processor.
2. Log In.
3. Click **Launch Extron Control**, this will open Extron vTLP selection page.
4. Click box to launch vTLP page (see figure 3, ❶).

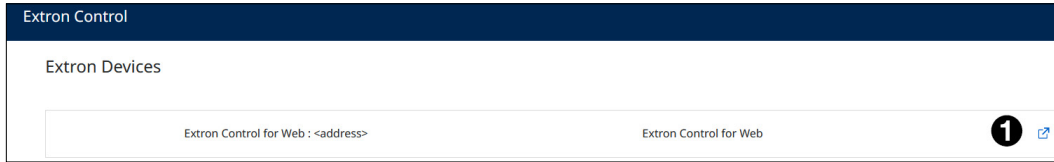


Figure 3. vTLP Selection Page

5. Copy the complete URL from the browser window (see figure 4).

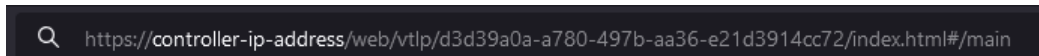


Figure 4. Copy vTLP URL

6. Open Toolbelt and access the IPCP Controller.
7. Navigate to the **Security** tab (see figure 5, ❶) and check the **Enable Direct Access Link** (❷).

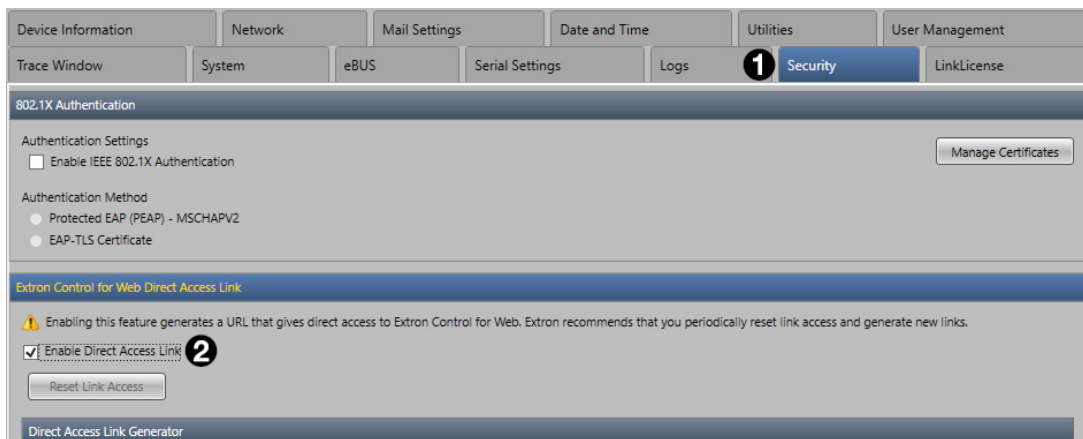


Figure 5. Enable Direct Access Link

8. Paste the copied controller URL (from step 5) into Direct Access Link Generator (see figure 6, ❶).
9. Click **Generate New Link** (❷). A URL with an access token is created.
10. Copy the entire Generated Direct Access Link (❸).



Figure 6. Generate a New Link

Enabling Extron Control for Poly

1. Navigate to the Poly TCx touch controller web page via browser
2. Log into the Poly TCx.
3. Navigate to **General Settings** (see figure 7, ❶) then to **System Settings** (❷).
4. Check **Enable A/V Controls** (❸).

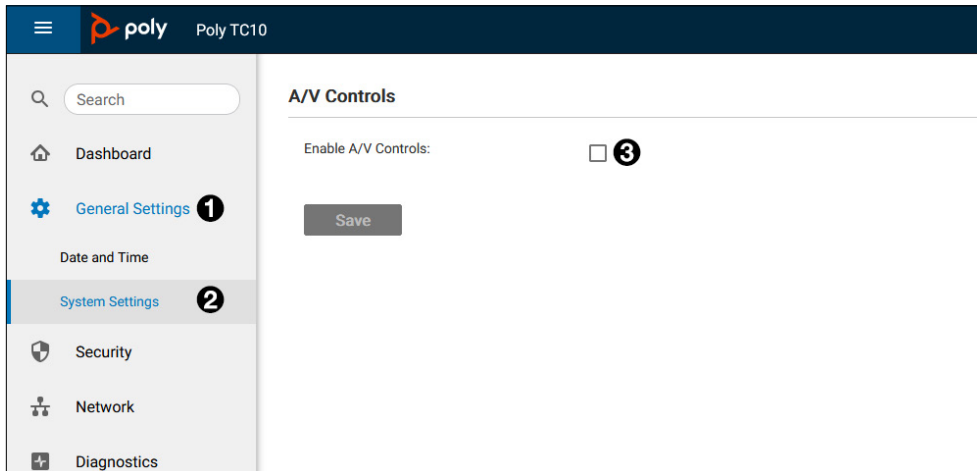


Figure 7. Enable A/V Controls

5. In Provider drop-down select **Extron** (see figure 8, ❶).
6. Enter your generated direct access link into the **App URL** field (❷).
7. Click **Save** (❸).

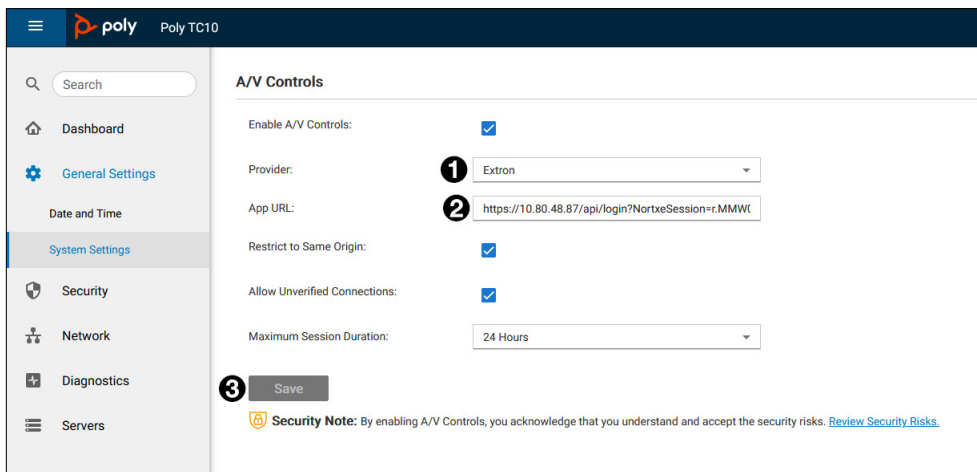


Figure 8. Link to Control Processor

Disabling Extron Control for Poly

1. Navigate to the Poly TCx touch controller web page via browser.
2. Log into the Poly TCx.

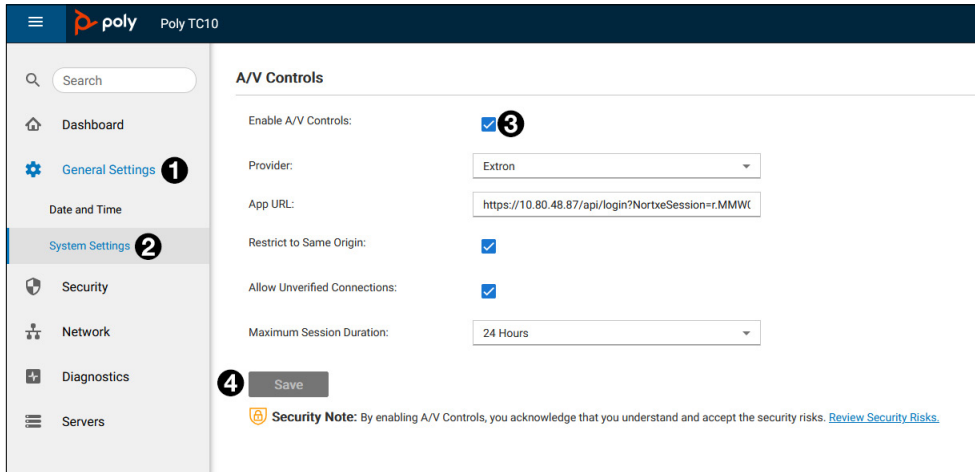


Figure 9. Enable A/V Controls

3. Navigate to **General Settings** (see figure 9, 1) then to **System Settings** (2)
4. Uncheck **Enable A/V Controls** (3).
5. Click **Save** (4).

Using the Software

- [Accessing AV Control with the Poly Touch Controller Side Menu](#)
- [Extron vTLP Control Page – Poly OS](#)
- [Extron vTLP Control Page – Zoom Rooms](#)
- [Extron vTLP page – Microsoft Teams Rooms](#)

Accessing AV Control with the Poly Touch Controller Side Menu

The Poly Touch Controller side menu is used to access the Extron vTLP control page. There are two ways to access the menu. The first is available to both TC8 and TC10 (see below). The second is available to the **TC10** only (see page 8).

The same methods are available for all Poly providers (Zoom, Microsoft Teams, Google Meet, etc.).

TC8 and TC10

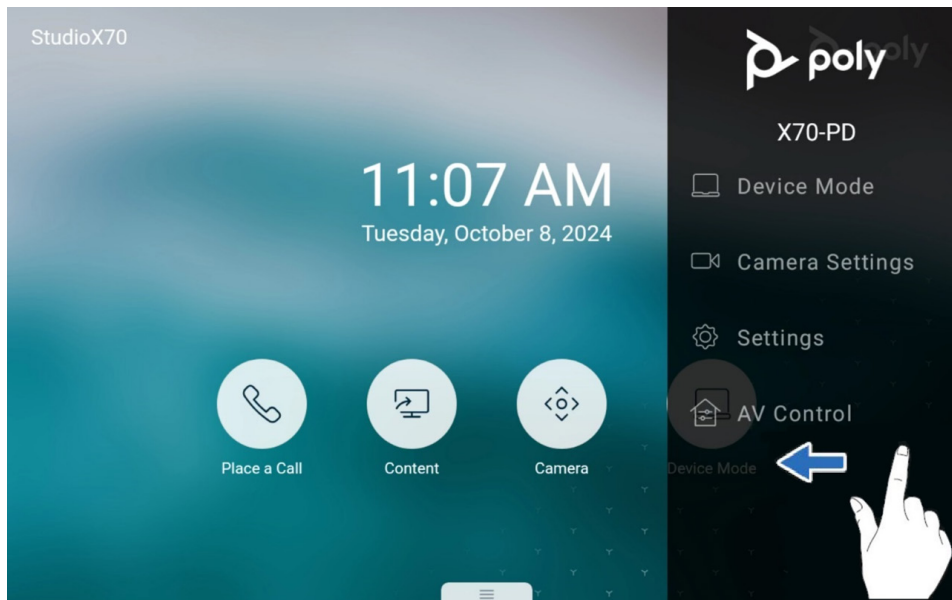


Figure 10. Accessing the Poly Touch Controller Side Menu (TC8 and TC10)

For either the TC8 or TC10, you can access the Poly Touch Controller side menu, by swiping from right to left on the screen and then pressing **AV Control**.

TC10



Figure 11. Accessing the Poly Touch Controller Side Menu (TC10 only)

For the TC 10 only, you can also access the Poly Touch Controller side menu by pressing the Poly logo in the bottom right corner of the screen (see figure 11, ❶) and then pressing **AV Control**.

Extron vTLP Control Page – Poly OS

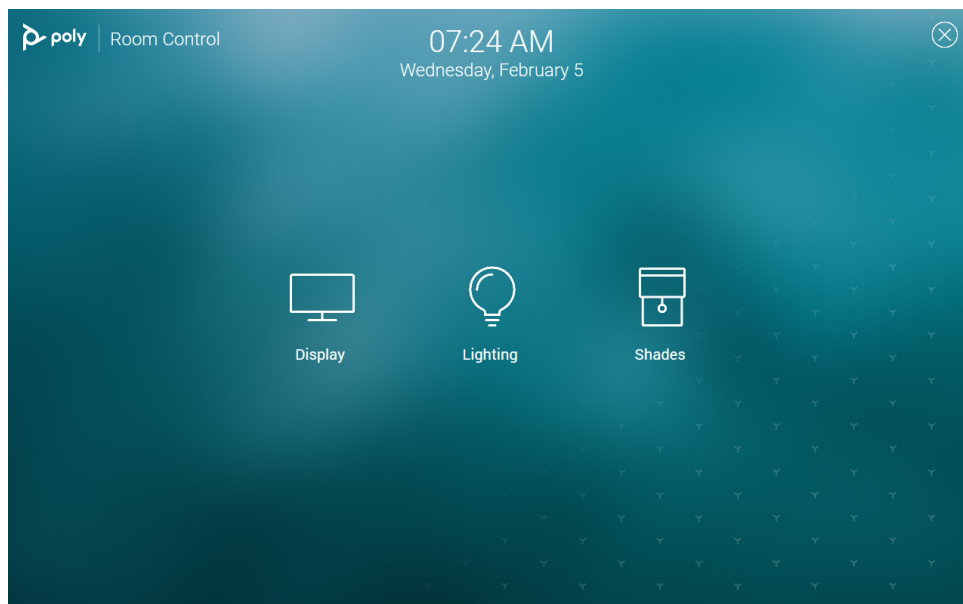


Figure 12. Extron vTLP Control Page – Poly OS

For more information, see [Extron Poly OS GUI](#).

Extron vTLP Control Page – Zoom Rooms

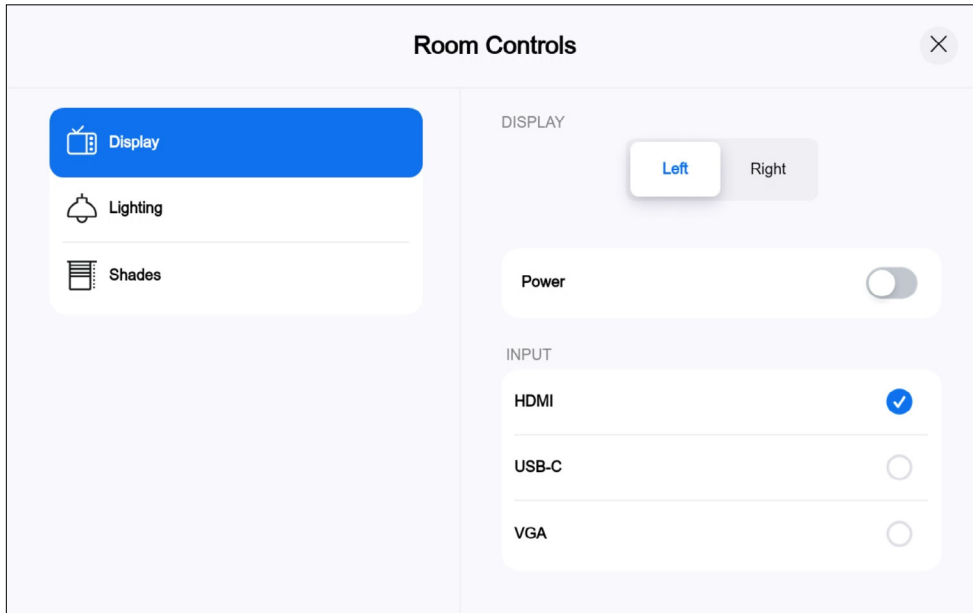


Figure 13. Extron vTLP Control Page – Zoom Rooms

For more information, see [Extron Poly Zoom Rooms GUI](#).

Extron vTLP page – Microsoft Teams Rooms

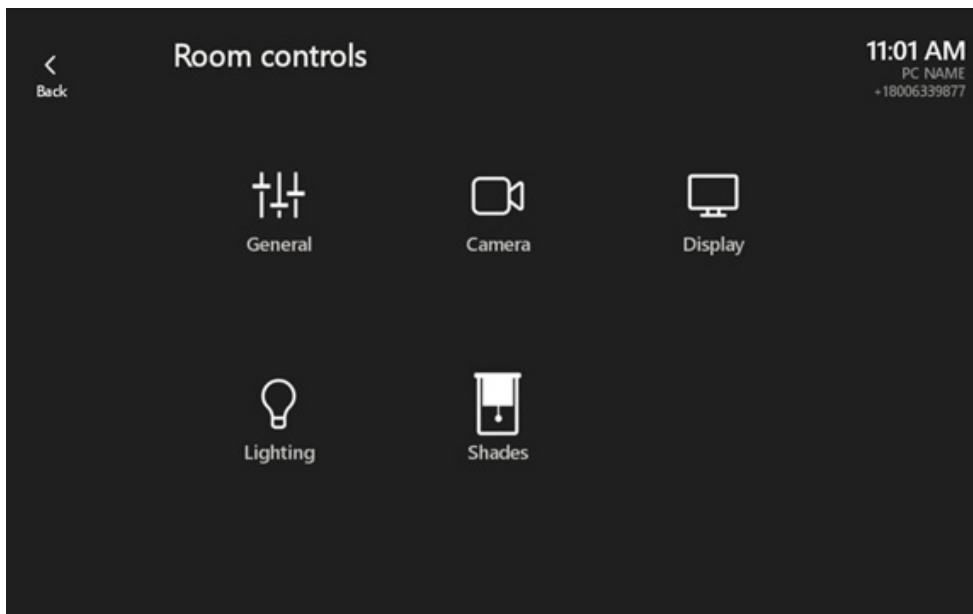


Figure 14. Extron vTLP page – Microsoft Teams Rooms

For more information, see [Extron Poly Microsoft Teams GUI](#).

Extron Warranty



Extron warrants its powered products against defects in materials and workmanship for a period of three years from the date of invoice. In the event of malfunction during the warranty period, Extron will repair or replace a product to whatever extent it shall deem necessary to restore the product to proper operating condition.

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 non-Extron authorized modification to the product. 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.

Powered Warranty Exception

Everlast™ Power Supplies — Extron warrants Everlast power supplies against any defects in materials and workmanship for a period of seven years from the date of invoice. In the event of a malfunction during the warranty period, Extron will repair or replace the power supply to its original operating condition. Extron engineers will examine the returned product and determine whether the Everlast Power Supply Warranty or Powered Product Warranty applies.

Speakers — Extron warrants Flat Field®, SoundField®, SpeedMount®, Column Array, and System INTEGRATOR® speakers against any defects in materials and workmanship for a period of five years from the date of invoice.

Touchscreens — Extron warrants touchscreen display and overlay components against any defects in materials and workmanship for a period of one year from the date of invoice.

Annotator 300 — Extron warrants the Annotator 300 against any defects in materials and workmanship for a period of five years from the date of invoice.

Non-Powered Warranty Exception

Cable Cubby, Hideaway Surface Access Enclosures and Retractors — Extron warrants Cable Cubby cable access enclosures, HSA Hideaway Surface Access enclosures, and Retractor cable retraction modules for a period of three years from the date of invoice.

Active Cables and Active Adapters — Extron warrants active cables and active adapter cables for a period of three years from the date of invoice.

Cable Termination Tools and Dies — Extron warrants cable termination tools for a period of three years from the date of invoice, excluding the die.

Return Information

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.

NOTE: To assure the highest level of service, a return authorization number must be obtained from Extron before products are returned for service. Products must be shipped to Extron, prepaid along with proof of purchase **only** after obtaining a Return Authorization (RA) number from the Extron Customer Support department.

Please contact Extron to receive an RA (Return Authorization) number:

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 and Middle East: 971.4.299.1800