KRAMER



USER MANUAL

MODEL:

Kramer KronoMeet
Cloud-Based Room Scheduling and
Meeting Management Application

P/N: 2900-301290 Rev 3 www.kramerAV.com

Contents

Introduction	1
Overview	1
Main Features	1
Configuring Kramer KronoMeet	2
Logging In to Web Interface	2
Organizing Calendar Locations	3
Creating User Accounts	15
Syncing Calendars with Kramer KronoMeet	18
Configuring Display Settings	23
Maintenance	29
Changing Password	29
Viewing Company Information	30
Viewing KronoMeet License Information	30

Introduction

Welcome to Kramer Electronics! Since 1981, Kramer Electronics has been providing a world of unique, creative, and affordable solutions to the vast range of problems that confront the video, audio, presentation, and broadcasting professional on a daily basis. In recent years, we have redesigned and upgraded most of our line, making the best even better!

Overview

Congratulations on purchasing your Kramer KronoMeet[™] Cloud-Based Room Scheduling and Meeting Management Application.

Kramer KronoMeet is an enterprise class, user-friendly, cloud-based, room scheduling and management platform for use with Kramer KronoMeet touch panels. It streamlines and automates the management side of room bookings and provides live notifications to meeting participants. Kramer KronoMeet is designed to work seamlessly with other Kramer management software and Kramer AV products enabling you to sync your room management with your AV management and deployment.

Kramer KronoMeet seamlessly synchronizes with Google[®] Calendar, Microsoft Office 365[®], and Microsoft[®] Exchange.

Main Features

- Enterprise Class, Comprehensive Room Management Empower your staff and guests
 with intuitive room scheduling, live on-site or remote notifications, and easy meeting
 search. Kramer KronoMeet is fully integrated with widely used scheduling platforms,
 including Google Calendar, Microsoft Office 365, and Microsoft Exchange.
- Fully Customizable and Scalable Configure to your needs, from a small business with a few meeting rooms to a large corporation.
- Convenient Scheduling Displays Display meeting schedules on Kramer KronoMeet touch panels at the entrance to each room.
- Enhanced Security Network access control via 802.1x TLS layer encryption for all communication between the touch panel and Kramer KronoMeet.
- On-Screen Information Inside the Meeting Room Integration with VIA collaboration devices enables automatic reminders on the main display when the meeting is nearly over and another meeting is starting.
- User-Friendly and Easy to Install.

Configuring Kramer KronoMeet

Kramer KronoMeet enables you to configure the following system settings using the online web interface:

- Organizing Calendar Locations on page 3.
- <u>Creating User Accounts</u> on page <u>15</u>.
- Syncing Calendars with Kramer KronoMeet on page 18.
- Configuring Display Settings on page 23.

Logging In to Web Interface

To log in to the Kramer KronoMeet web interface:

Go to <u>www.kronomeet.com/</u> in your web browser.
 The KronoMeet Login page appears.

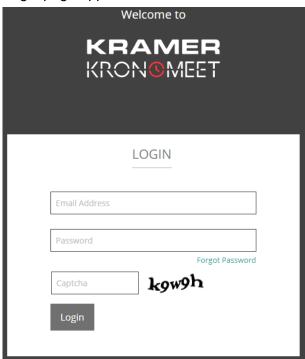


Figure 1: Login Page

Sign in using your login credentials.The Kramer KronoMeet web interface appears with the Getting Started page open.

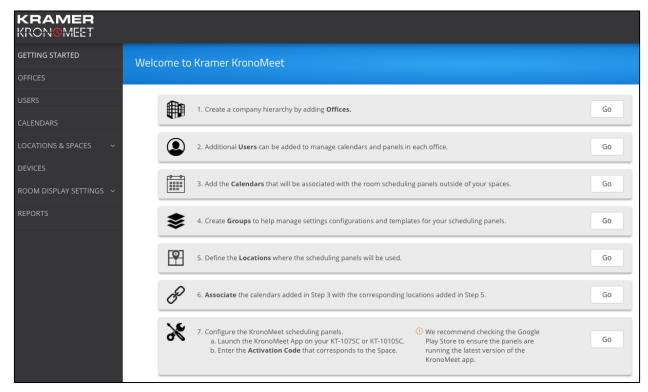


Figure 2: Getting Started Page



Follow the directions and use the links in the Getting Started page. -OR-

Use the Navigation bar on the left to open the desired page.



To log out of **Kramer KronoMeet**, click your email in the upper right corner of the page and select **Logout**.

Organizing Calendar Locations

Kramer KronoMeet requires a touch panel device for each meeting space in your organization. The device locations are organized into a hierarchy as follows:

- Office
- Campus
- Building
- Floor
- Space

Spaces can also be associated with a Group to facilitate management of settings.

Kramer KronoMeet enables you to configure the following:

• Offices (see Configuring Offices on page 4).

- Locations (see <u>Configuring Locations</u> on page <u>9</u>).
- Groups (see Configuring Groups on page 7).

Configuring Offices

Kramer KronoMeet enables you to add offices to the hierarchy of touch panel device locations. For a multi-location organization, you can create multiple offices that help the local administration of those offices manage their **Kramer KronoMeet** devices.



You must be a Super Admin level user to access the office info.

Adding Offices

Kramer KronoMeet enables you to add an office to categorize subsequent and existing users.

To add an office:

1. On the navigation page, click **OFFICES**.

The Offices page appears.

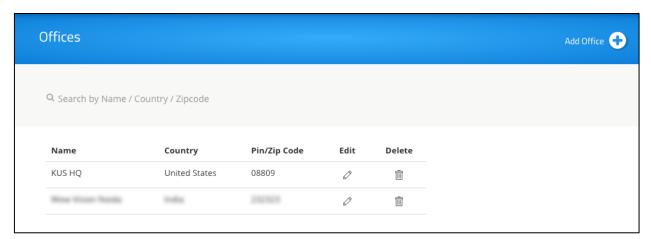


Figure 3: Offices Page

2. Click Add Office.

The Add Office pane appears.

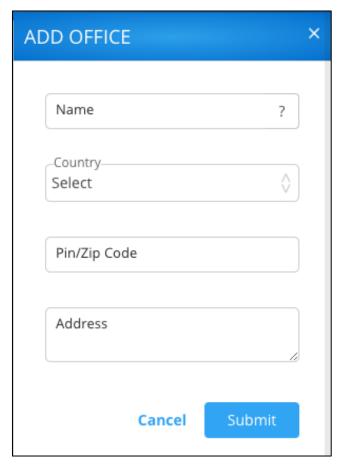


Figure 4: Add Office Pane

- 3. Enter the company information in the relevant fields.
- 4. Click Submit.

The office is added and saved.

Editing Offices

To edit information for an existing office:

1. On the Offices page (<u>Figure 3</u>), click the edit icon for the relevant office. The Edit Office pane appears.

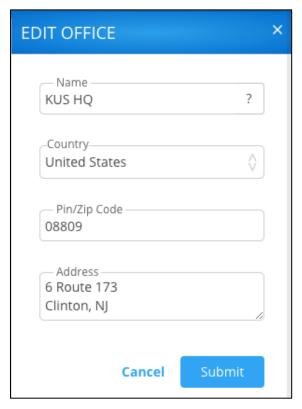


Figure 5: Edit Office Pane

- 2. Change the information as desired.
- Click **Submit**.
 The office information is edited and saved.

Deleting Offices

To delete an office:

• On the Offices page (<u>Figure 3</u>), click the delete icon for the relevant office. The office is deleted from the office list.

Configuring Groups

Kramer KronoMeet enables you to further organize your spaces with groups. Each space is organized under a group, in addition to its location in the hierarchy. Spaces on different floors, buildings or campuses can be organized under the same group. For example, create a marketing department group to organize spaces used by that department. Groups can also be used to organize templates (see <u>Creating Template</u> on page <u>23</u>) and wallpaper (see <u>Managing Wallpaper</u> on page <u>27</u>).

Adding Groups

To add a group:

On the navigation pane, click LOCATION & SPACES > Groups.
 The Groups page appears.

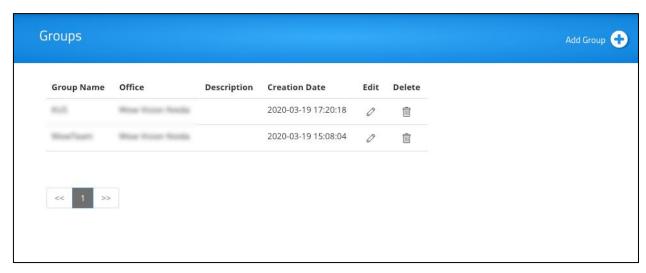


Figure 6: Groups Page

- 2. Select the office to which you want to add the group, from the **All Offices** drop-down in the upper right corner (Figure 2).
- 3. Click **Add Group**.

The Add Group pane appears.

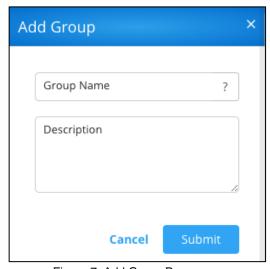


Figure 7: Add Group Pane

4. Enter the new group name and description and click **Submit**.

The group is added to the selected office and appears on the Groups page.

Editing Groups

To Edit a group:

On the Groups page (<u>Figure 6</u>), click the edit icon in the row of the relevant group.
 The Add Group pane opens.

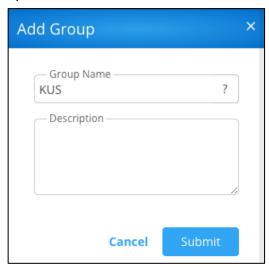


Figure 8: Add Group Pane

2. Change the information as required and click **Submit**.

The group is edited, and the changes are saved.

Deleting Groups

To delete a group:

• On the Groups page (<u>Figure 6</u>), click the delete icon for the relevant office. The office is deleted from the office list.

Configuring Locations

Locations are the next level in the **Kramer KronoMeet** hierarchy where you describe the specific location of your touch panel devices.

Adding Locations

To add a location:

1. Click LOCATION & SPACES > Locations.

The Locations page appears.

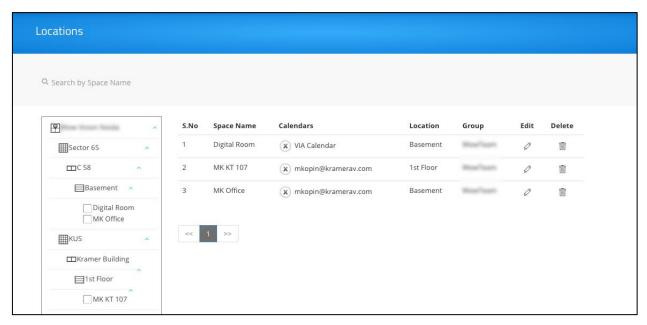


Figure 9: Locations Page

- 2. In the tree structure on the left, click the name of an element in the hierarchy to add a new element below it.
- If you need to add a device to a specific Space, you can search for the space in the Search by Space Name field.

The selected element turns red and a list of all hierarchy elements directly below it appears.

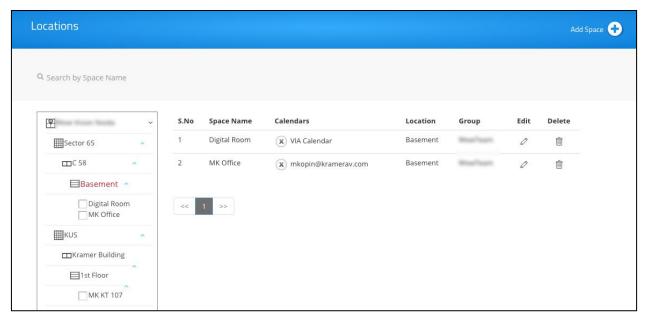


Figure 10: Selected Hierarchy Element

3. Click Add Campus, Add Building, Add Floor or Add Space.

A pane appears for adding the selected type of location.

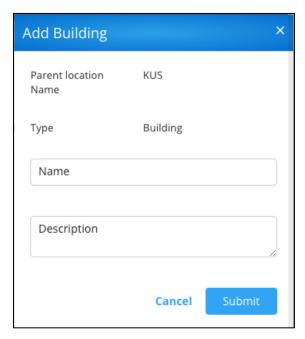


Figure 11: Add Building Pane

4. Enter the new location name and description and click **Submit**.

The location is added to the selected Parent location and appears on the table.

Editing Locations

To edit a location:

1. On the Locations page (<u>Figure 9</u>), select the Parent location of the location you want to edit.

The table of locations appears (Figure 10).

2. Click the edit icon in the row of the relevant location.

The Update Space page appears.

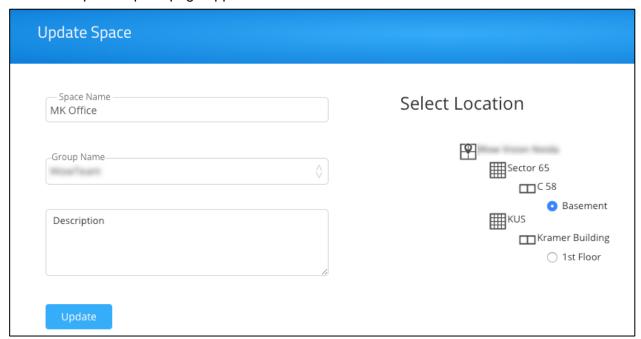


Figure 12: Update Space Page

3. Change the information as required and click **Update**.

The location is edited.



To edit another location while you are still on the Update Space page: under Select Location, select the relevant location, edit it and click **Update**.

Deleting Locations

To delete a location:

1. On the Locations page (<u>Figure 9</u>), select the Parent location of the location you want to delete.

The table of locations appears (Figure 10).

2. Click the delete icon for the relevant location.

Configuring Devices

After creating a hierarchy for each Space in which you require a **Kramer KronoMeet** touch panel device, you can now add and activate a device for each Space in the hierarchy. **Kramer KronoMeet** also enables you to search your system by device name.

Adding Devices

Kramer KronoMeet enables you to add a device within your organization's hierarchy of locations. You can add a device when you add a Space or after the Space is added you can go back into the hierarchy and add the device.

To add a device when you create a Space:

• When you add the Space (see <u>Adding Locations</u> on page <u>9</u>), in the Add Space panel, select the **Add Device** checkbox and click **Submit**.

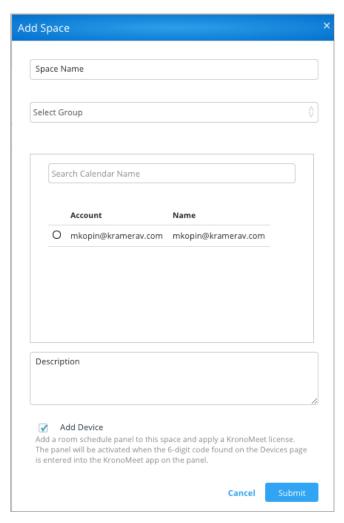


Figure 13: Add Space Panel

The Space is added and the Device appears in the Devices list with an activation code.

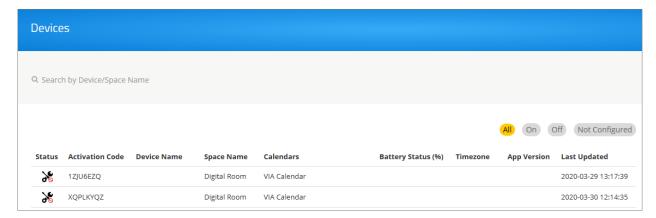


Figure 14: Devices Page with Activation Codes

To add a device after creating a Space:

On the Locations page (<u>Figure 9</u>), in the hierarchy, select the relevant Space.
 The information for the selected space appears.

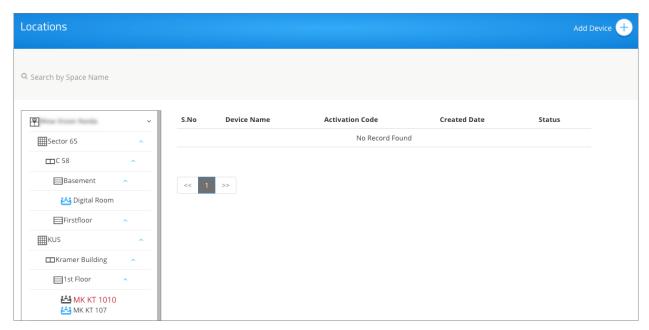


Figure 15: Locations Page with a Space Selected

2. Click Add Device.

A Device is added to the Space and the Device appears in the Devices list with an activation code (Figure 14).

Activating Devices

After you add a device to **Kramer KronoMeet**, you need to activate **Kramer KronoMeet** from the device.



We recommend checking the Google Play Store to ensure that your **Kramer KronoMeet** touch panel is running the latest version of **Kramer KronoMeet**.

To activate Kramer KronoMeet from a device:

1. Launch the **Kramer KronoMeet** app on the device.

The **Kramer KronoMeet** welcome screen appears on the device display.

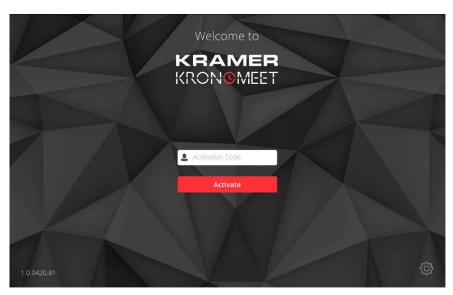


Figure 16: Kramer KronoMeet Welcome Screen on a Touch Panel Device

2. Enter the **Activation Code** for this device that appears on the Devices page (<u>Figure 14</u>) and click **Activate.**

The device is activated and the device home screen appears.



Refer to your Kramer KronoMeet touch panel documentation for more information.

Finding Devices

Kramer KronoMeet enables you to view and search for devices that have been activated (see <u>Activating Devices</u> on page <u>14</u>).

To find a device:

On the navigation page, click **DEVICES**.
 The Devices page appears (Figure 17).



Devices with a green icon in the Status column are currently connected and logged in; a red icon shows that the device is logged out.

2. Select the office in which you want to search for the device, from the **All Offices** drop-down in the upper right corner (<u>Figure 2</u>).

In the Search Device/Space Name box, enter all or part of the device or space name.
 OR-

Select **ON**, **OFF** or **Not Configured** to filter the devices according to their Status.

4. Press the Enter key.

All devices relevant to the search appear.

Creating User Accounts

Kramer KronoMeet enables you to create user accounts to facilitate delegation of tasks. A super admin account is first created for each company. This super admin creates other super admin accounts for the same company and regular admin accounts for an office. Only a super admin or an admin can create regular user accounts.

Adding Users

To add a user:

1. On the navigation page, click **Users**.

The Users page appears.

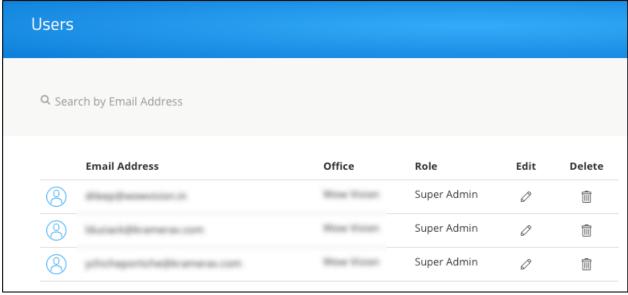


Figure 17: Users Page

2. Click Add User.

The Add User pane appears.

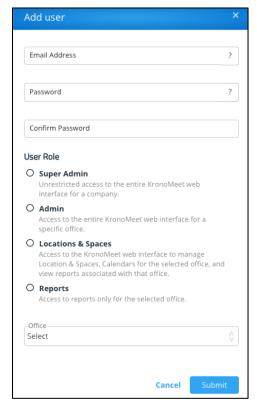


Figure 18: Add User Pane

- 3. Enter a valid email address, password, and confirmation password.
- 4. Select a role (access level) from the following:
 - Super Admin: Unrestricted access to the entire Kramer KronoMeet web interface for a company.
 - Admin: Access to the entire Kramer KronoMeet web interface for a specific office.
 - Location & Spaces: Access to the Kramer KronoMeet web interface to manage Location & Spaces, Calendars for the selected office, and view reports associated with that office.
 - Reports: Access to reports only for the selected office.
 - A user can have only one role.
- 5. For all user roles, except Super Admin, select an Office.
- 6. Click Submit.

The new user is created.

Editing Users

To edit a user account:

1. On the Users page (<u>Figure 17</u>), click the edit icon for the relevant user. The Edit User pane appears.

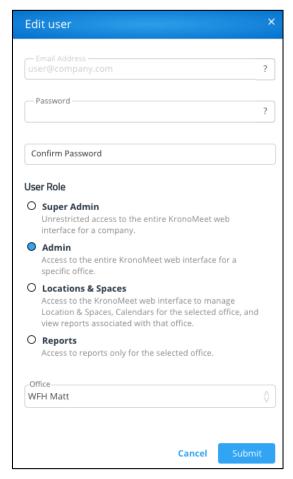


Figure 19: Edit User Pane

- 2. Change the information as desired.
- Click Submit.
 The user account information is edited and saved.

Deleting Users

To delete a user account:

• On the Users page (<u>Figure 17</u>), click the delete icon for the relevant user. The user is deleted from the office list.

Syncing Calendars with Kramer KronoMeet

In **Kramer KronoMeet**, a user can configure Google Calendar, Microsoft Office 365 and Microsoft Exchange accounts. **Kramer KronoMeet** takes credentials and verifies them with the organization's server.

Adding Google Account

To add a Google Calendar account:

1. On the navigation pane, click **CALENDARS**.

The Calendar Account page appears.

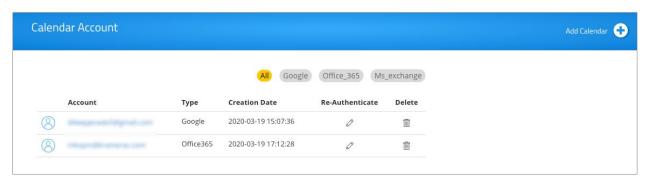


Figure 20: Calendar Account Page

2. Click Add Calendar.

The Select Office window appears.

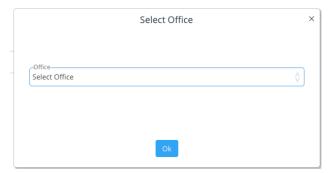


Figure 21: Select Office Window

3. Select the relevant office or select **All Offices** to allow this calendar to be used in all offices.

The Add Calendar page appears with the Google settings open.

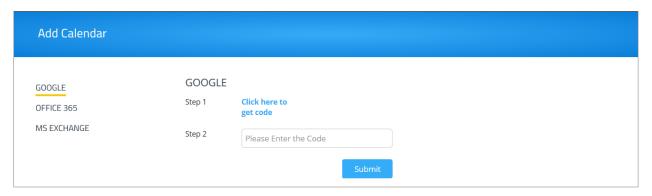


Figure 22: Add Calendar Page > Google Tab

4. Click Click here to get code.

The Google account sign in appears.

- 5. Sign in to the Google account associated with the shared space calendar.
- 6. Allow access to KronoMeet.

A code window appears.

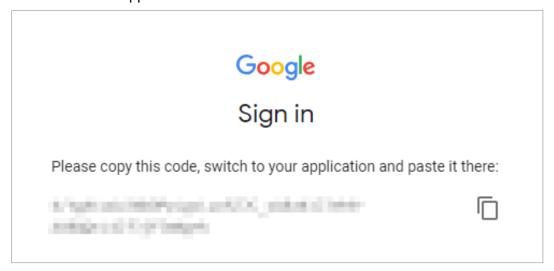


Figure 23: Google Code Window

- 7. Copy the code from the sign in screen and paste it into the Step 2 field on the **Kramer KronoMeet** Calendar Account page (Figure 22).
- 8. Click Submit.

The calendar is added and appears on the Calendar Account page (Figure 20).

Adding Microsoft Office 365 Account

Microsoft Office 365 has a unique way of creating calendars that can be shared among attendees for seamless scheduling of a meeting.

To add a Microsoft Office 365 account:

On the navigation pane, click CALENDARS.
 The Calendar Account page appears (Figure 20).

2. Click Add Calendar.

The Select Office window appears (Figure 21).

3. Select the relevant office or select **All Offices** to allow this calendar to be used in all offices.

The Add Calendar page appears (Figure 22).

4. Click Office 365.

The Office 365 account setup tab appears.

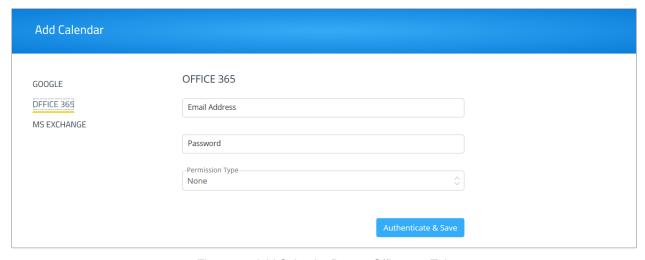


Figure 24: Add Calendar Page > Office 365 Tab

- 5. Enter the email address and password associated with your Microsoft Office 365 calendar.
- 6. Select the permission type associated with your Microsoft Office 365 calendar from the following:



If Impersonate or Delegate are incorrectly selected, the calendars do not appear and there is an error message from **Kramer KronoMeet** informing about the same Impersonate or Delegate properties.

- None No permissions.
- **Impersonation** Used in scenarios where one account needs to access multiple calendars, rooms or resources in an office or a building. To set up Impersonation permission type, user must have administrator permissions.

Delegate – Used when many accounts manage a single account. For example, when an admin manages an executive's calendar, or a when handful of individuals working on a project need to coordinate calendars. To set up Delegate permission type, the system requires your management user to be a Full Access Delegate on the room resource account. Ensure that this permission has been given to each room resource you wish to Interface with.



It may take 24-48 hours for the permission changes to take effect on the server.

7. Click Authenticate & Save.

The calendar is added and appears on the Calendar Account page (Figure 20).

8. For Impersonation or Delegate permission type, on the Calendar Account page (<u>Figure 20</u>), click the respective Microsoft Office 365 email address assigned to the room.

The Calendars page appears.

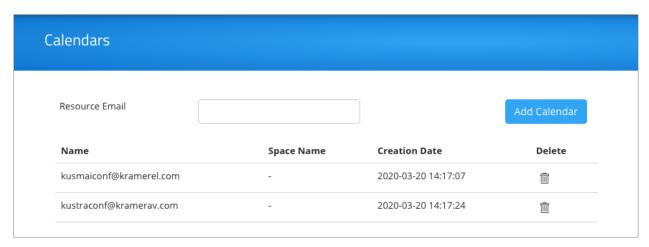


Figure 25: Calendars Page

9. For **Resource Email**, enter the email address assigned to the room.



Use this email to fetch the calendar and show upcoming meetings.

10. Click Add Calendar.

The new calendar is added.

Adding Microsoft Exchange Account



KronoMeet uses Exchange Web Services (SOAP/ Curl API) for access to mailboxes.

To add a Microsoft Exchange Account:

1. On the navigation pane, click CALENDARS.

The Calendar Account page appears (Figure 20).

2. Click Add Calendar.

The Select Office window appears (Figure 21).

3. Select the relevant office or select **All Offices** to allow this calendar to be used in all offices.

The Add Calendar page appears (Figure 22).

4. Click **MS Exchange**.

The MS Exchange account setup tab appears.

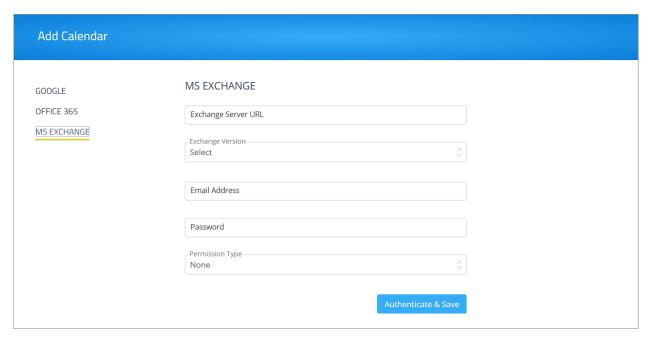


Figure 26: Add Calendar Page > MS Exchange Tab

- 5. Enter the Exchange server URL, Exchange version, email address and password associated with the room.
- 6. Select the permission type associated with your Microsoft Exchange calendar from the following:
- (i

If Impersonate or Delegate are incorrectly selected, the calendars do not appear and there is an error message from **Kramer KronoMeet** informing about the same Impersonate or Delegate properties.

- None No permissions.
- Impersonation Used in scenarios where one account needs to access multiple calendars, rooms or resources in an office or a building. To set up Impersonation permission type, user must have administrator permissions.
- Delegate Used when many accounts manage a single account. For example, when an admin manages an executive's calendar, or a when handful of individuals working on a project need to coordinate calendars. To set up Delegate permission type, the system requires your management user to be a Full Access Delegate on the room resource account. Ensure that this permission has been given to each room resource you wish to interface with.
- (i)

It may take 24-48 hours for the permission changes to take effect on the server.

Click Authenticate & Save.

The new calendar appears in the table.

8. For Impersonation or Delegate permission type, click the respective Microsoft Exchange email address assigned to the room.

The Calendars page appears (Figure 25).

9. For **Resource Email**, enter the email address assigned to the room.



Use the email to fetch the calendar and show upcoming meetings.

10. Click Add Calendar.

The new calendar is added.

Configuring Display Settings

Kramer KronoMeet enables you configure settings for the displays that run the scheduling application, such as templates for display behavior and appearance, wallpaper and setting up an email client.

Managing Templates

Kramer KronoMeet enables you to create and manage templates for the devices that run the scheduling program. Templates include information about display design, font color, screen brightness, and feature enabling. Templates can be assigned to groups within the company to facilitate deployment of the template to multiple units within the group.

Creating Template

To create a template:

- 1. Select the relevant office from the **All Offices** drop-down in the upper right corner (Figure 2).
- 2. On the navigation pane, click **ROOM DISPLAY SETTINGS** > **Templates**.

The Templates page appears with a table of the saved templates for the selected office.

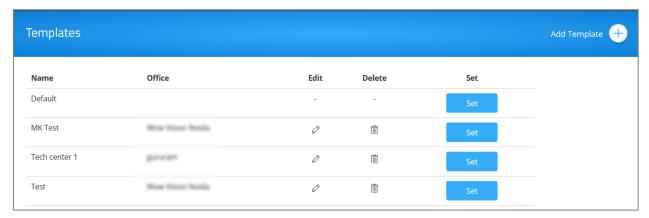


Figure 27: Templates Page

3. Click Add Template.

The Add Template page appears.

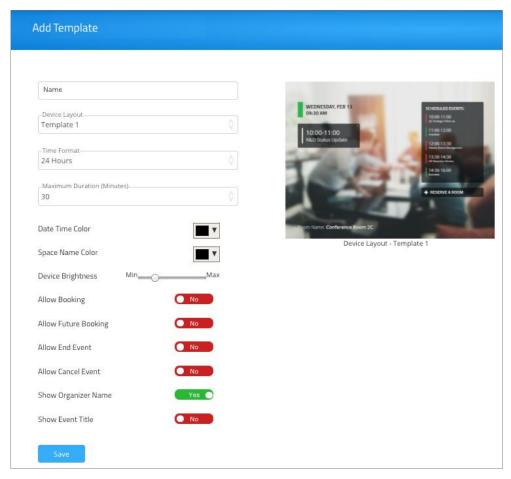


Figure 28: Add Template Page

- 4. In Name field, type a name for the template you are about to create.
- 5. Under Device Layout, select one of the four screen layouts.
- View a preview of the layout on the right side of the page.
 - 6. Under Time Format, select 24 Hours or AM/PM format.
 - 7. Under Maximum Duration (Minutes), select the maximum amount of time that a meeting can be booked for. For example: If you set 60 minutes, a user can only schedule a meeting for a maximum of 60 minutes.
 - 8. Under Date Time Color, select the font color for the date and time display.
 - 9. Under Space Name Color, select the font color for the space name display.
 - 10. Under Device Brightness, use the slide control to set the device display brightness.

11. Set the following as **Yes** or **No**:

- Allow Booking Displays a RESERVE button on the device that enables a user to book a room for the same day only.
- Allow Future Booking Displays a RESERVE button on the device that enables a user to book a room for any day.
- Allow End Event Displays an End Event button that enables a user to end an event before the end of the reserved time of the meeting.
- Allow Cancel Event Displays a button in calendar view that enables a user to cancel an upcoming event.
- Show Organizer Name Displays the organizer's name for the meeting.
- Show Event Title Displays the name of the event or meeting.
- Either the organizer name or event title can be displayed, not both.

12. Click Save.

The new template is saved.

Assigning Template to Group

To assign a template to a group:

- On the navigation pane, click ROOM DISPLAY SETTINGS > Templates.
 The Templates page appears with a table of the saved templates for the selected office (Figure 27).
- 2. Click **Set** for the template you wish to assign.

The Select Group window appears.

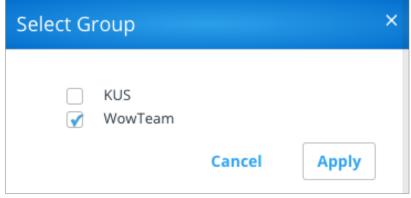


Figure 29: Select Group Window

3. Select or clear the necessary groups and click Apply.

A confirmation message appears.

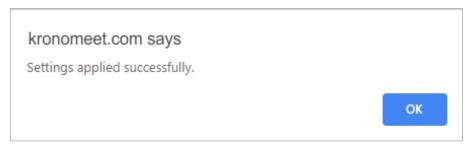


Figure 30: Confirmation Message

4. Click OK.

The template is assigned.

Editing Template

To edit a template:

1. On the navigation pane, click **ROOM DISPLAY SETTINGS** > **Templates**.

The Templates page appears with a table of the saved templates for the selected office (Figure 27).

- 2. Click the edit icon for the template you wish to edit.
- The Default template cannot be edited.

The Edit Template page appears.

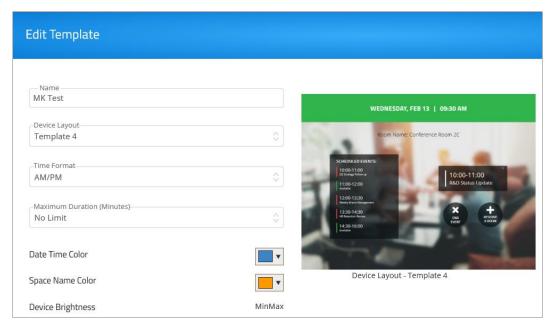


Figure 31: Edit Template Page

3. Change the settings as required and click **Update**.

Deleting Template

To delete a template:

1. On the navigation pane, click **ROOM DISPLAY SETTINGS** > **Templates**.

The Templates page appears with a table of the saved templates for the selected office (Figure 27).

2. Click the delete icon for the template you wish to remove.



The Default template cannot be deleted.

A confirmation message appears.

3. Click OK.

The selected template is deleted.

Managing Wallpaper

Kramer KronoMeet enables you to upload images and use them for wallpaper (background image) on Kramer KronoMeet touch panels. Wallpaper images can be assigned to groups within the company to facilitate deployment of the template to multiple units within the group.

Adding Wallpaper Image

To add a wallpaper image:

On the navigation pane, click ROOM DISPLAY SETTINGS > Manage Wallpaper.
 The Manage Wallpaper page appears.

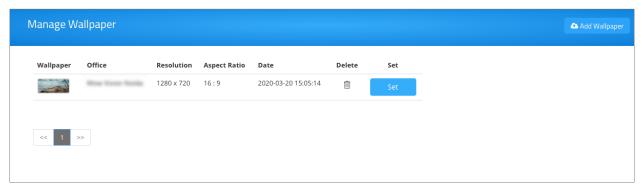


Figure 32: Manage Wallpaper Page

2. Click Add Wallpaper.

A file browser appears.

3. Select the required image file and click **Open**.



The file size must be less than 5Mb.

The selected image is added to the wallpaper table.

Assigning Wallpaper to Group

To assign a wallpaper image to a group:

1. On the navigation pane, click **ROOM DISPLAY SETTINGS** > **Manage Wallpaper**.

The Manage Wallpaper page appears (Figure 32).

2. Click **Set** for the wallpaper you wish to assign.

The Select Group window appears (Figure 29).

3. Select or clear the necessary groups and click Apply.

A confirmation message appears (Figure 30).

4. Click OK.

The wallpaper image is assigned.

Deleting Wallpaper

To delete a wallpaper image:

1. On the navigation pane, click **ROOM DISPLAY SETTINGS** > **Manage Wallpaper**.

The Manage Wallpaper page appears (Figure 32).

2. Click the delete icon for the wallpaper you wish to remove.

A confirmation message appears.

3. Click OK.

The selected wallpaper is deleted.

Maintenance

This section contains general maintenance activities.

Changing Password

To change your password:

1. Click the email drop-down in the upper right of the **Kramer KronoMeet** page and select **Change Password**.

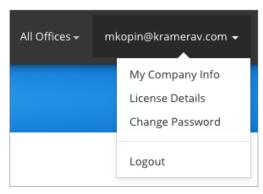


Figure 33: Email Drop-Down

The Change Password page appears.

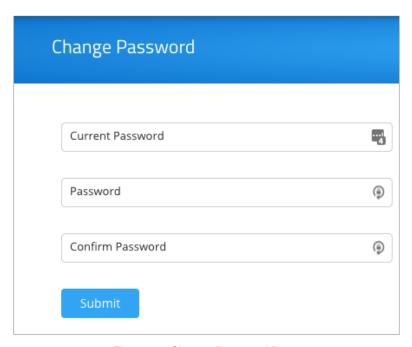


Figure 34: Change Password Page

2. Enter your Current Password, Password and Confirm Password and click **Submit**. Your password is changed.

Viewing Company Information

Kramer KronoMeet enables you to view your company information.

To view your company information:

Click the email drop-down In the upper right of the Kramer KronoMeet page and select
 My Company Info (Figure 33).

The My Company Info page appears.

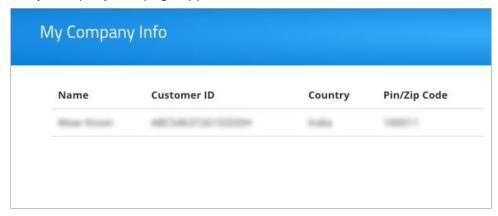


Figure 35: My Company Info Page

Viewing KronoMeet License Information

To view your KronoMeet license information:

• Click the email drop-down In the upper right of the **Kramer KronoMeet** page and select **License Details** (Figure 33).

The License Details page appears.

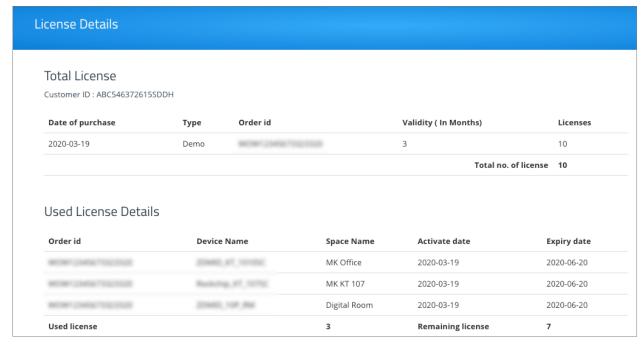


Figure 36: License Details Page

The warranty obligations of Kramer Electronics Inc. ("Kramer Electronics") for this product are limited to the terms set forth below:

What is Covered

This limited warranty covers defects in materials and workmanship in this product.

What is Not Covered

This limited warranty does not cover any damage, deterioration or malfunction resulting from any alteration, modification, improper or unreasonable use or maintenance, misuse, abuse, accident, neglect, exposure to excess moisture, fire, improper packing and shipping (such claims must be presented to the carrier), lightning, power surges, or other acts of nature. This limited warranty does not cover any damage, deterioration or malfunction resulting from the installation or removal of this product from any installation, any unauthorized tampering with this product, any repairs attempted by anyone unauthorized by Kramer Electronics to make such repairs, or any other cause which does not relate directly to a defect in materials and/or workmanship of this product. This limited warranty does not cover cartons, equipment enclosures, cables or accessories used in conjunction with this product. Without limiting any other exclusion herein, Kramer Electronics does not warrant that the product covered hereby, including, without limitation, the technology and/or integrated circuit(s) included in the product, will not become obsolete or that such items are or will remain compatible with any other product or technology with which the product may be used.

How Long this Coverage Lasts

The standard limited warranty for Kramer products is seven (7) years from the date of original purchase, with the following exceptions:

- All Kramer VIA hardware products are covered by a standard three (3) year warranty for the VIA hardware and a standard three (3) year warranty for firmware and software updates; all Kramer VIA accessories, adapters, tags, and dongles are covered by a standard one (1) year
- Kramer fiber optic cables, adapter-size fiber optic extenders, pluggable optical modules, active cables, cable retractors, ring mounted adapters, portable power chargers, Kramer speakers, and Kramer touch panels are all covered by a standard one (1) year warranty.
- All Kramer Cobra products, all Kramer Calibre products, all Kramer Minicom digital signage products, all HighSecLabs products, all streaming, and all wireless products are covered by a standard three (3) year warranty.
- 4 All Sierra Video MultiViewers are covered by a standard five (5) year warranty.
- Sierra switchers & control panels are covered by a standard seven (7) year warranty (excluding power supplies and fans that are covered for
- 6. K-Touch software is covered by a standard one (1) year warranty for software updates.
- All Kramer passive cables are covered by a ten (10) year warranty.

Who is Covered

Only the original purchaser of this product is covered under this limited warranty. This limited warranty is not transferable to subsequent purchasers or owners of this product.

What Kramer Electronics Will Do

Kramer Electronics will, at its sole option, provide one of the following three remedies to whatever extent it shall deem necessary to satisfy a proper claim under this limited warranty:

- Elect to repair or facilitate the repair of any defective parts within a reasonable period of time, free of any charge for the necessary parts and labor to complete the repair and restore this product to its proper operating condition. Kramer Electronics will also pay the shipping costs necessary to return this product once the repair is complete.
- Replace this product with a direct replacement or with a similar product deemed by Kramer Electronics to perform substantially the same function as the original product. If a direct or similar replacement product is supplied, the original product's end warranty date remains unchanged and is transferred to the replacement product.
- Issue a refund of the original purchase price less depreciation to be determined based on the age of the product at the time remedy is sought under this limited warranty.

What Kramer Electronics Will Not Do Under This Limited Warranty

If this product is returned to Kramer Electronics or the authorized dealer from which it was purchased or any other party authorized to repair Kramer Electronics products, this product must be insured during shipment, with the insurance and shipping charges prepaid by you. If this product is returned uninsured, you assume all risks of loss or damage during shipment. Kramer Electronics will not be responsible for any costs related to the removal or reinstallation of this product from or into any installation. Kramer Electronics will not be responsible for any costs related to any setting up this product, any adjustment of user controls or any programming required for a specific installation of this product. How to Obtain a Remedy Under This Limited Warranty

To obtain a remedy under this limited warranty, you must contact either the authorized Kramer Electronics reseller from whom you purchased this product or the Kramer Electronics office nearest you. For a list of authorized Kramer Electronics resellers and/or Kramer Electronics authorized service providers, visit our web site at www.kramerav.com or contact the Kramer Electronics office nearest you.

In order to pursue any remedy under this limited warranty, you must possess an original, dated receipt as proof of purchase from an authorized Kramer Electronics reseller. If this product is returned under this limited warranty, a return authorization number, obtained from Kramer Electronics, will be required (RMA number). You may also be directed to an authorized reseller or a person authorized by Kramer Electronics to repair the product. If it is decided that this product should be returned directly to Kramer Electronics, this product should be properly packed, preferably in the original carton, for shipping. Cartons not bearing a return authorization number will be refused. Limitation of Liability

THE MAXIMUM LIABILITY OF KRAMER ELECTRONICS UNDER THIS LIMITED WARRANTY SHALL NOT EXCEED THE ACTUAL PURCHASE PRICE PAID FOR THE PRODUCT. TO THE MAXIMUM EXTENT PERMITTED BY LAW, KRAMER ELECTRONICS IS NOT RESPONSIBLE FOR DIRECT, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM ANY BREACH OF WARRANTY OR CONDITION, OR UNDER ANY OTHER LEGAL THEORY. Some countries, districts or states do not allow the exclusion or limitation of relief, special, incidental, consequential or indirect damages, or the limitation of liability to specified amounts, so the above limitations or exclusions may not apply to you.

Exclusive Remedy

TO THE MAXIMUM EXTENT PERMITTED BY LAW, THIS LIMITED WARRANTY AND THE REMEDIES SET FORTH ABOVE ARE EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES, REMEDIES AND CONDITIONS, WHETHER ORAL OR WRITTEN, EXPRESS OR IMPLIED. TO THE MAXIMUM EXTENT PERMITTED BY LAW, KRAMER ELECTRONICS SPECIFICALLY DISCLAIMS ANY AND ALL IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. IF KRAMER ELECTRONICS CANNOT LAWFULLY DISCLAIM OR EXCLUDE IMPLIED WARRANTIES UNDER APPLICABLE LAW, THEN ALL IMPLIED WARRANTIES COVERING THIS PRODUCT, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, SHALL APPLY TO THIS PRODUCT AS PROVIDED UNDER APPLICABLE LAW.

IF ANY PRODUCT TO WHICH THIS LIMITED WARRANTY APPLIES IS A "CONSUMER PRODUCT" UNDER THE MAGNUSON-MOSS WARRANTY ACT (15 U.S.C.A. §2301, ET SEQ.) OR OTHER APPLIES IS A "CONSUMER PRODUCT" UNDER THE MAGNUSON-MOSS WARRANTY ACT (15 U.S.C.A. §2301, ET SEQ.) OR OTHER APPLICABLE LAW, THE FOREGOING DISCLAIMER OF IMPLIED WARRANTIES SHALL NOT APPLY TO YOU, AND ALL IMPLIED WARRANTIES ON THIS PRODUCT, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR THE PARTICULAR PURPOSE, SHALL APPLY AS PROVIDED UNDER APPLICABLE LAW.

Other Conditions

This limited warranty gives you specific legal rights, and you may have other rights which vary from country to country or state to state. This limited warranty is void if (i) the label bearing the serial number of this product has been removed or defaced, (ii) the product is not distributed by Kramer Electronics or (iii) this product is not purchased from an authorized Kramer Electronics reseller. If you are unsure whether a reseller is an authorized Kramer Electronics reseller, visit our web site at www.kramerav.com or contact a Kramer Electronics office from the list at the end of this

Your rights under this limited warranty are not diminished if you do not complete and return the product registration form or complete and submit the online product registration form. Kramer Electronics thanks you for purchasing a Kramer Electronics product. We hope it will give you years of satisfaction.

KRAMER















SAFETY WARNING

Disconnect the unit from the power supply before opening and servicing

For the latest information on our products and a list of Kramer distributors, visit our Web site where updates to this user manual may be found.

P/N:

We welcome your questions, comments, and feedback.

All brand names, product names, and trademarks are the property of their respective owners.