# **End User Manual**

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Figure 1: Thinknx Products

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# 1. Introduction

This user manual is intended for end users who have Thinknx server installed at their home, office or other type of building.

It is only a guide on how to operate Thinknx UP Client application available on iOS, Android, Windows and Mac. Each supervision project is unique in terms of graphics and functionality, however, this guide offers an overview of the most common and used features allowing the user to easily navigate through the interface.

It is assumed that the Thinknx server installed is configured by an installer, system integrator or other professional figure and that the project is already deployed on the client device ( for more information on the creation of a supervision project, please refer to this page).

For more enquiries regarding the use of Thinknx products, our support team is available to answer tickets on www.thinknx.com/support.

# 2. General Layout

# 2.1. Project Interface

The project interface consists of a left menu holding the main functions created by the integrator. Each function contains a large number of pages which can be changed by swiping left/right or clicking on the title at the upper bar. The Scheduler Manager can be accessed by clicking on the clock icon at the top right corner of the project.



Figure 2: Project Interface

# 2.2. Settings Interface

To access the Settings page, open the left menu and scroll up to reach the "Settings" item.



Figure 3: Access to Settings

The settings page consists of

the projects list located to the left, and the general settings of the project located to the right. These settings will allow the user to modify the appearance, change volumes, language and even update firmware if applicable. At the bottom of the page, multiple buttons are available to download a new project onto the client device using different methods (locally, through serial number and Cloud password, or using a QR code, if applicable).



Figure 4: Settings Interface

#### 2.2.1. Add a Project

Adding a project can be done via two methods:

Using the local network This can only be done in the presence of the installer or any person who is able to open the project file with the Thinknx Configurator. The URL provided by this person can be entered inside the corresponding field after clicking on the "PC" icon in the client application followed by port 5050. The project will then be downloaded using the same network as the Thinknx server.

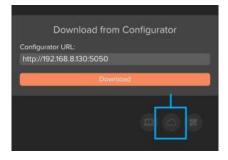


Figure 6: Download project locally

## Using Thinknx Cloud

This can be done by the client without the presence of the installer. However, the installer will have to provide the client with the correct serial number and password. The client can click on the "Cloud" icon, enter the serial number and password, and click on Download. Once the download is completed, the project will show in the list to the left.



Figure 7: Downloading project from Cloud

 using a QR Code The client can easily download the project by clicking on the "QR Code" icon and scanning a QR code shared by the installed by email/pdf. A permission should be granted to the Thinknx application to access the device's camera.

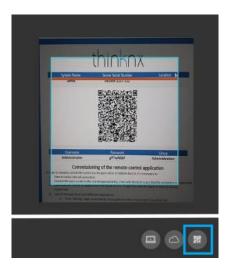


Figure 8: Downloading project by QR code

#### 2.2.2. Authenticate Clients

When opening a recently added project for the very first time, an authentication process takes place between the client's device and the Thinknx server. Authentication can be done in two ways:

• Using the local network If the project has been added locally by the installer, the client will get a notification when opening the project stating that the "authentication failed". The installer in that case must add the device ID of the client to the authenticated clients list inside the server.



Figure 9: Client Authentication 1

#### Using Thinknx Cloud

When the project has been downloaded from Thinknx cloud by the client, they will be prompted for a username and password the very first time they attempt to open the project. Both username and password shall be provided by the installer.



Figure 10: Client Authentication 2

• Using OTP Another way to authenticate when the project has been downloaded from the Cloud is by entering a one-time password (OTP) generated by the admin user. The popup window can be toggled to enter the OTP, which is valid to be used for 2 hours only.



Figure 11: Client Authentication 3

#### 2.2.3. Delete a Project

To delete a project, slide project name to the left and click on "Delete".



Figure 12: Settings Interface

## 2.2.4. General Settings

Under General Settings, it is possible to enable the below options:

- Lock Settings page
   with PIN The settings
   page can be locked with
   a pin code, allowing the
   users with access to the
   pin code to open the
   page from inside the
   project.
- Enable
   geolocalization If the
   user is managing more
   than one project
   (multiple houses), it is
   possible to automatically
   switch from one project
   to another by enabling
   the geolocalization. The

nearest project is suggested based on the current location of the user.

• Search for local server When enabled, Thinknx will try to connect to the local IP address of the server before it attempts to connect through the Internet. It is useful when the client is inside the house and not accessing the project remotely.

By leaving "Search for local server" unchecked, the app will always be able to automatically detect if the client is connecting locally or remotely. It is only used in some cases where local connection is not established, but might cause delays when attempting to connect remotely without removing the option.



- Always ask which project to open at startup in case multiple projects are managed by the user.
- Open the projects in DEMO mode When enabled, the client will not establish a connection with the

server and the project will open as DEMO.



Figure 13: General Settings

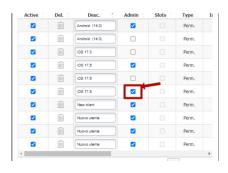
# 2.2.5. Advanced User Settings & With Administration Rights



Figure 14: Advanced Settings

When the client using the Thinknx UP application is configured to be Admin by the integrator, additional functions can be unlocked by accessing the Advanced Settings window.

To enable a user as an administrator, you need to access the server's web page, go to license & code, and check the admin flag.



The properties then available for a normal user are the following:

# Change project language: permits to change the project into another language, as configured inside the Configurator. The change applies on the local device only.

 Share project: permits to generate a QR code to share with other users wanting to download the project.

The properties then available for an administrator user are the following:

## Manage Clients:

permits to view and manage all the clients already authenticated with the server. The administrator can delete, add, and edit the users. Users can also be temporarily deactivated, or only allowed to access the application within a pre-defined time slot.



Figure 15: Manage Clients

# Manage Passwords:

permits to change the different passwords used inside the project, for example, the password for cameras, intercom, etc. The new passwords set will be used instead of the ones configured inside the configurator and uploaded to the server and clients. The new passwords will not be replaced on each upload. Inside, there is even the option to revert the password configuration back to the default one set within the Thinknx Configurator.

- Password
   Management
   Instructions
  - Name of the password -Select the correspondin g password field to start

the password change procedure. The user will be prompted to enter a new custom password.

• Press the

circular arrow icon to restore the selected password to its factory default value.This operation overrides any previously applied modification s returning to default setting.

White Keys means Defaul

t.

Icons with a white

key indicat e that the

passw ord is curren

tly set

to its default

value.

Green Keys means Chang ed Passw

ord.

Icons

with a

green

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value.



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# - 3. Genera I Functio ns

# 3.1. Lighting

# 3.1.1. Switch

To control a simple ON/OFF light, a click on the correspondin g icon will either send the toggled command instantly, or open a popup window to choose the command to be sent.



Figure 16: Switch

it is possible for the programmer to enable a chronoLast update: 2025/09/11 15:54

switch,
allowing the
user to
configure a
weekly
schedule for
the light.
The user can
also copy
the schedule
and paste it
to another
one.



Figure 17: Switch Schedu le

# 3.1.2. Dimmer

To control a dimmer, a click on the correspondin g icon will open a popup allowing the user to send an ON/OFF command or choose the dimming value by moving the slider around the buttons.



Figure 18: Dimme r

it is possible for the programmer to enable a chronoswitch, allowing the user to configure a weekly schedule for the light. The user can also copy the schedule and paste it to another one.



Figure 19: Dimme r Schedu le

## 3.1.3. RGB

To control an RGB light, a click on the Last update: 2025/09/11 15:54

correspondin g icon will open a popup allowing the user to select the color from the color wheel and control the brightness by using the slider.



Figure 20: RGB

When using the RGB button, clicking on the settings icon at the bottom right corner of the popup will open an additional window. The user can save their favorite colors by clicking the "+" button. The start button will play a sequence of the saved colors. It is

possible to select between random/orde red playing mode, and change the time interval between the colors during the sequence.

To delete the preset colors, simply long press on any of the presets. An X icon will show on all presets allowing the user to select the colors to be deleted.



Figure 21: RGB Setting s

If supported, it is also possible to control the temperature of the white channel and change its brightness. To access this window,

click on the top right icon in the color wheel window.



Figure 22: White Temper ature

# • 3.2. Motorizat ion

# 3.2.1. Shutter

A shutter icon consists of a vertical slider allowing the user to change the shutter height value. The user can also click on the Up/Down buttons under the slider and the Stop button when needed.



Figure 23: Shutter

## 3.2.2. Blind

For blinds, the icon will have extra buttons to control the rotation of the louvres Last update: 2025/09/11 15:54

to allow more or less light into the room. The user can either operate the louvres using the slider or the buttons underneath.



Figure 24: Blind

# 3.3.Climate

# 3.3.1. HVAC

An HVAC icon, when clicked, holds the below functions:

An
 On/Off
 button
 at the
 top
 right
 corner
 to
 control
 the
 machi
 ne.

A slider to chang e the setpoi nt of the room.

An
 indicat
 or of
 the
 setpoi
 nt
 value
 at the
 center

Four button s aroun d the indicat

or to chang e the modali ty betwe en Heat, Cool, Dry, Fan.

Two button s at the botto m of the icon to chang e the fan speed.

When the popup window is closed, the icon will indicate the status of the machine, the mode selected, setpoint, and fan speed.



Figure 25: HVAC

# 3.3.2. Thermo Comfort

A Thermo Comfort icon can be one of two types:

# Type

1

Contro I of the setpoi nt is done manua lly using the slider or the chrono therm ostat sched ule.

# Type

2 Contro I of the setpoi nt is done by selecti ng betwe en Comfo rt, Stand by, Night and

Frost protec tion mode, or the

chrono therm ostat sched ule.





Figur Figur
e 26: e 27:
Ther Ther
mo mo
Comf Comf
ort ort
Type Type
1 2

## Type 1

- Read the actual room tempe rature on the top left corner of the popup.
- e the setpoi nt by selecti ng the manua I mode (hand icon) and using the slider.
- If chronothermo

stat is enable d, click on setting s to progra m the daily tempe rature setting s per hour.



Figure 28: Chrono thermo stat

# Type 2

 Read the actual room tempe rature on the top left corner of the popup.

of the popup.
Chang e the setpoint by selecting the desire d mode (Comfort,

Stand

by, Night, Frost Protec tion) or using the slider.

If chrono-

thermo stat is enable d, click on setting s to progra m the daily mode setting s per hour.



Figure 29: Chrono thermo stat 2

# • 3.4. Scene

When accessing the Scene icon, the user is able to:

- Record action s in the scene.
- Access the action s list record ed.
- Rena me the scene.



Figure 30: Scene

When recording a scene, a red frame will appear around the interface allowing the user to browse

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through the pages and click on the buttons to be included in the scene. If the users do not wish to send the commands to the bus while recording, they can click on the bottom right corner icon to enable/disab le this feature. Clicking on the bottom left corner of the screen will save and exit the recording mode.



Figure 31: Scene Recordi ng

When clicking the Actions button, it is possible to:

Record addition

action s in the scene.

Add a pause in betwe en action

s.
• Select multipl e action

s.
• Rearrang
e the
order
of the
action

s.
• Delete one or more action s.

When recording additional actions, the red frame will appear again around the interface to allow the user to browse through the pages and click on the buttons to be included in the scene. Once finished, the user should

click on the

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bottom left button (red circle) to save the changes.



Figure 32: Scene Actions

# • 3.5. Schedule r Manager

Clicking on the Scheduler Manager icon at the top right corner of the application will open up a window to view/edit/cre ate time schedules.

For each schedule it is possible to:

- Edit the sched ule by clickin g on the sched ule name.
- name.

  Delete the sched ule by clickin g on the bin icon to the left side of the sched ule.
- Access the

action
s list
by
clickin
g on
the list
icon
next
to the
Delete
button

For more information regarding the actions list, refer to section 3.6. Scene.



Figure 33: Schedu ler Manag er

When adding a new schedule, the below functions are available to edit:

- Chang
   e
   sched
   ule
   name.
- Switch betwe en

Simple and Advan ced view mode.

If Simple mode is selected, the user will be able to:

• Define the time of day to launch the sched ule.

Select the days of the week to launch the sched ule.

If Advanced mode is selected, the user will be able to:

> Define the date to launch the sched ule.

 Trigge r the sched ule by time or sun

event.
• Configure the Repeat function.



Figure 34: Adding a Schedu le

# • 3.6. Intercom

When using the intercom, regardless of the door unit installed, the user is able to:

• Receiv e a call on Thinkn Χ Envisi on or Thinkn Х applic ation whene ver the door rings.

- Answe r/Rejec t call.
- View the camer a if availa ble.
- Open door.



Figure 35: Interco m Last update: 2025/09/11 15:54

When accessing the Settings page, it is possible to:

- Choos e a ringto ne.
- Chang e microp hone volum e.
- Enable /disabl e the use of ringto ne in project

Auto valve u

Segue

Donners

Occurs

Figure 36: Interco m Setting s

# • 3.7. Security

When a security system is integrated with Thinknx, the user has access to the system keypad and can use the security code to Arm/Disarm the system.



Figure 37: Securit y Panel

It is also possible to view the status of all the sensors installed and get notification when they are in an Alarm state.



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Figure 38: Securit y Sensor

S

https://www.thinknx.com/wiki/

# 3.8.IrrigationPanel

With the irrigation function, it is possible for the user to:

 Run/St op differe nt irrigati on zones indepe ndentl y.

• Create

a progra m to autom aticall y

y control the irrigati on zones.

• Create

a weekly time sched ule for the progra m.

 Start/S top the irrigati on progra m.

• Enable /Disabl e the weekly sched

ule. • Monito r the curren t and next progra m runnin g as well as the zone being watere d.



Figure 39: Irrigatio n Panel

When creating an irrigation program, such as the Morning program, the user can add the zones and easily input the start and finish time of the irrigation for each zone.



Figure 40: Irrigatio n Progra m

Once the program is created, it can be added to a weekly schedule by selecting the days of the week and configuring the timing per day.



Figure 41: Irrigatio n Schedu le

#### Manage Via Vai

Once the project has been uploaded, after configuration there are two ways to manage the

creation of new codes related to roles:

Through the Thinkn x server web pages

• Throu gh the applic ation if the user is set as Admin.

### Option 1 -Web Page

Once the Thinknx project has been uploaded to the server, codes shall be generated by the Manager when needed using the server's web page.

> After loggin g in, go to Server
>  Access Contro

١.



• Under "Code s genera tion", add a description for the new code.



 Click on "Gene rate new code" to view the new code.

 Assign a role to this code. The list will show all the roles added inside the project

 Config ure a time range for this code's validit

у.

• Save

the

code.

A new

entry

will

show

in the

table

above

with

the

added

inform

ation.

The

admin

will be

able to

edit

this

entry

or

delete

it

altoge

ther.

To

allow

direct

access

to the

Access

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the

Manag

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link

below,

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the

proper

ΙP

addres

s and passw ord for the server: http://l ocalho st:505 1/login .html?l ogin=I ogin& direct\_ login& userna me=s ervice &pass word= passw ord&re direct =acce ss con trol\_s. html

## Option 2 -Through Thinknxu p

Preliminary Steps The user must be enabled as a system administrato r.



 To do this, access the server' s web page. • Go to Server

\_

Licens

e &

Code.

• Select

the

user in

questi

on and

check

the

Admin

option.



#### **Application**

Open the access control page

- Open the dropd own menu.
- Next to Settin gs, there are three dots.
- Select the dots.



A menu will

appear

 Access Contro I Manag ement



#### Create a New User

• Press the "+" button at the botto m right of the new pop-up.



• Name: Enter the name of the user to assign the code to.



• Enable : To

enable

or

disabl

e the

code

as

neede

d.

• Role:

Assign

the

role

associ

ated

with

the

doors

they

can

open,

create

d in

the

config

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integr

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• Pin

Code:

Gener

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• Enable

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Sched

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