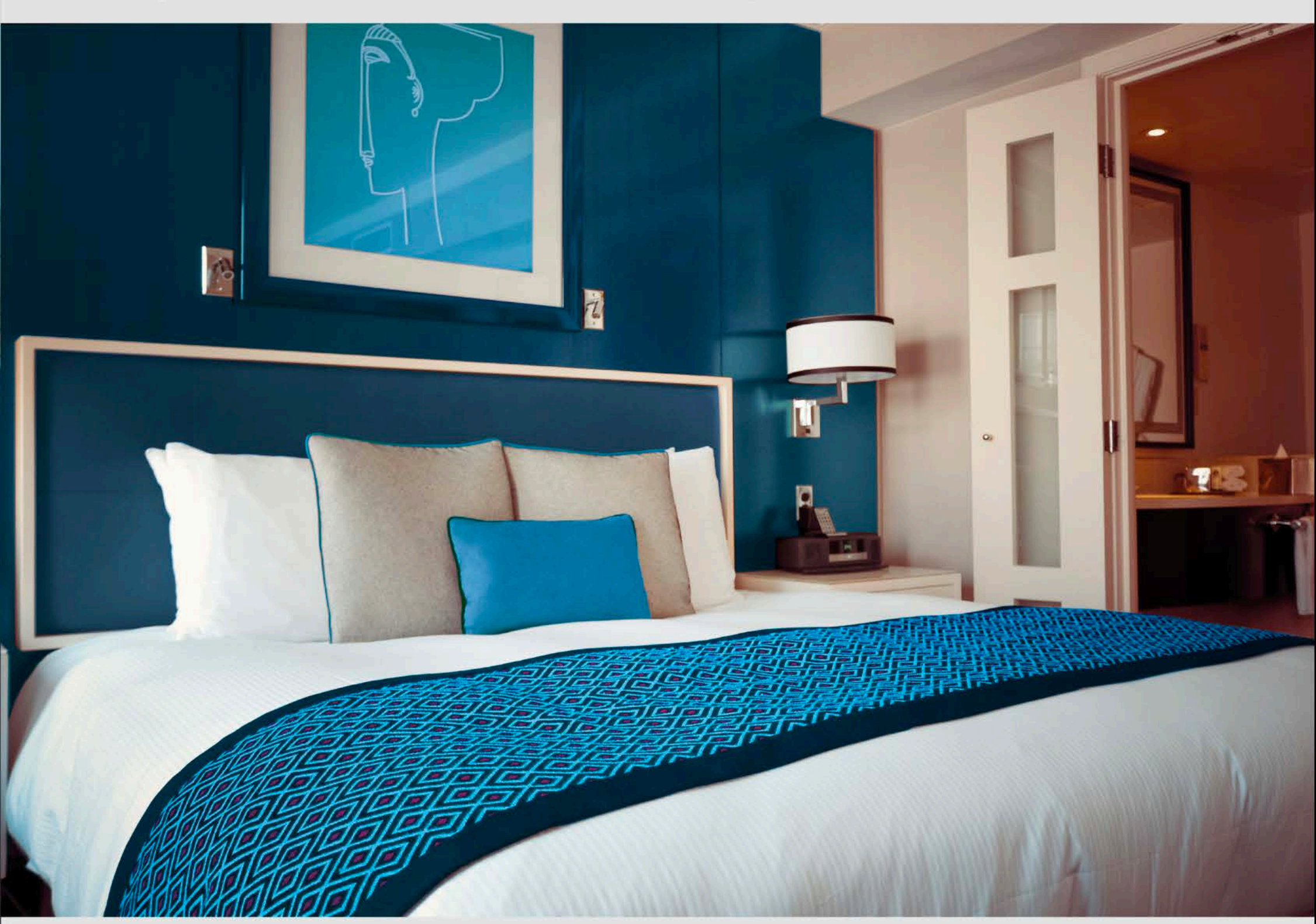
xxter

your home in your hand



KNX enocean UPnP hue

GET IN TOUCH

/xxter /xxterbv

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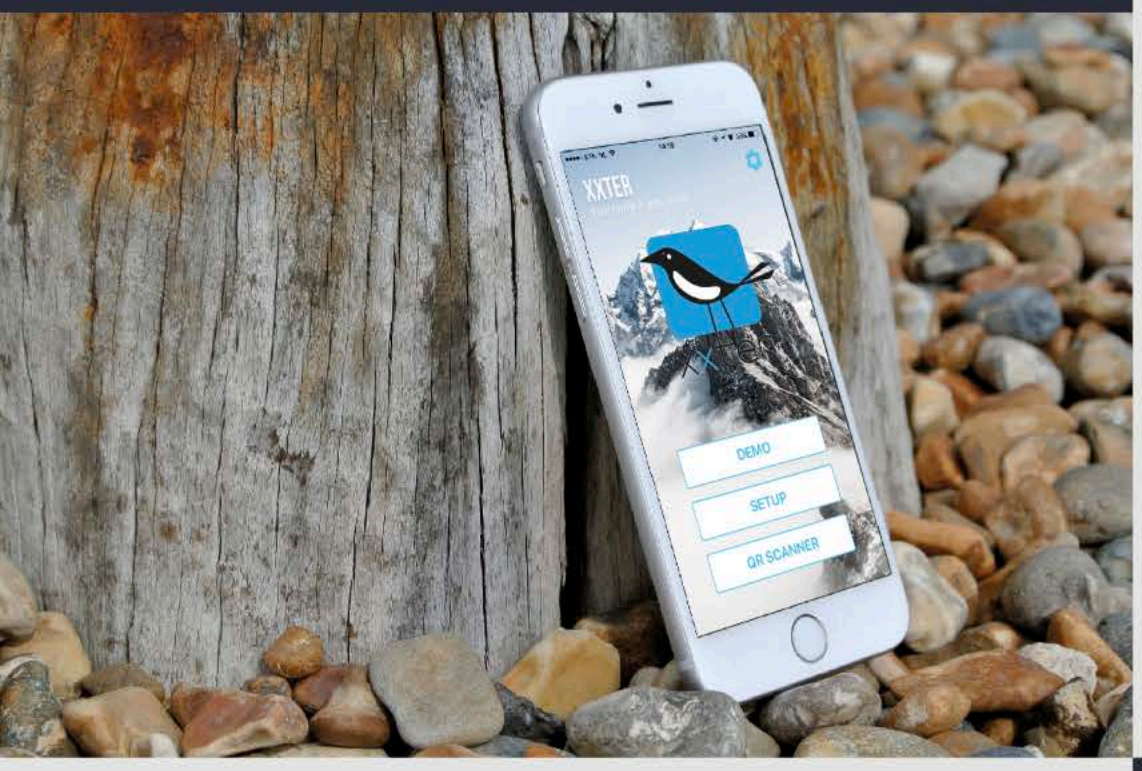
www.xxter.com

Summary

With xxter you can control your automated home or office installation with your Apple or Android device and on a Windows computer. xxter is exceptionally easy to use, for both the end user and the installer. The user is able to configure most settings through the app without technical knowledge of the installation, while most other home automation products can only be configured by the installer.

xxter also offers many additional options which are very useful even without the app and adds new functionality to the KNX or enOcean installation. For example the presence simulation, the scenario module and the scheduler or the integration with color led lighting from for instance Philips Hue and audio/video equipment like Sonos.



The app

With the free xxter app the home or office installation can be controlled easily. The app communicates with xxter through secure channels, which makes the app safe to use over the Internet. The app is available for smart phones and tablets from Apple and with Android and also available for Windows computers. The xxter app can also be used on the Apple Watch. All control options available on your iPhone can be used directly from the Watch. xxter supports:

- Unlimited number of tablets, smart phones and computers to one xxter
- Control and status for switches, dimmers and other actuators
- Display of values like temperature, wind speed, etc
- Thermostat control
- Setup and use of scenarios, the scheduler and the presence simulation
- Camera view and control
- (Video) intercom control
- Audio/video integration
- RGB and RGBW support (for DMX led or Philips Hue, e.g.)
- Web page view for integration with other protocols or products
- Charts and statistics
- QR code scanner for easy app set-up
- Alert service for receiving messages from the installation
- Access to the alert service log
- App available for Apple Watch

KNX & enOcean

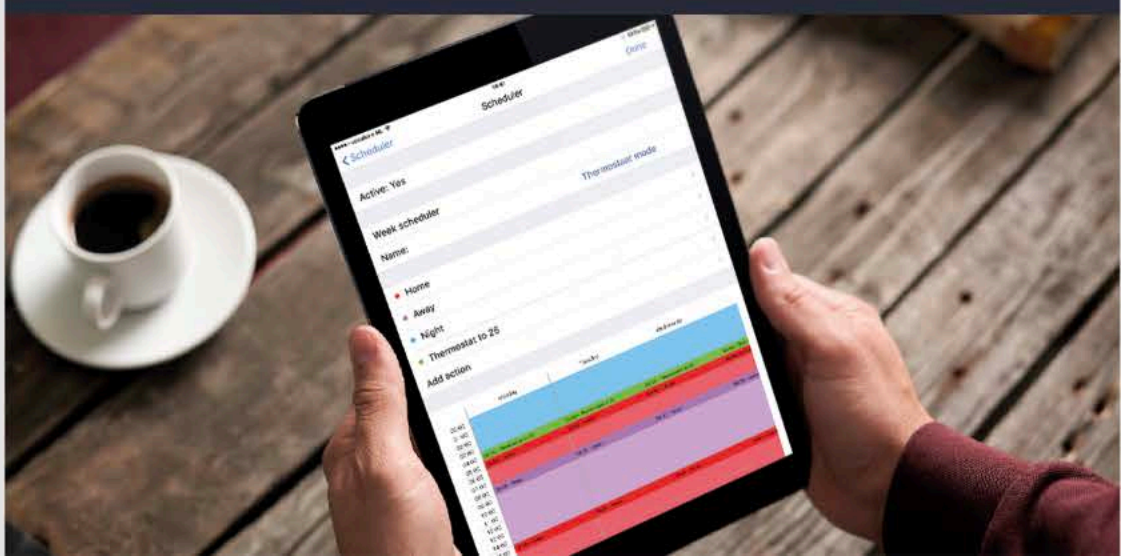
xxter can be used with KNX as well as with enOcean, which are widely used standards within the home automation. KNX is used as a wired system and enOcean wirelessly. The combination of these two standards allows xxter to be used not only in new buildings and renovation projects, but also in existing installations by simply replacing some components.

In addition, xxter can be used as a bridge between both protocols. Use a wireless enOcean sensor on places that can not be reached easily and combine these with a KNX installation. xxter is bi-directional and can learn an unlimited amount of enOcean components.

Scheduler

The scheduler enables you to have specific actions activated at specified times. This could be an outside lamp for instance, which is switched on or off, but also a call of a scenario, the setting of a thermostat mode or the closing of the curtains in the evening, when it gets dark. Apart from the basic scheduler it is also possible to create an extensive day or week scheduler, wherein multiple actions can be scheduled based on time or on the sunrise/sunset. All these settings can easily be changed by the end user with the app.

- Unlimited number of programs
- Easy to combine with scenarios
- Very flexible in the types of programs
- Easy setup through the web interface or with the app
- Always on time thanks to the Internet time protocol, no DCF required
- Sunrise and sunset functions available
- Extensive day and week programs possible



Camera support

xxter supports network cameras with MotionJPEG or with still images in the app. This allows you to use your cameras directly in the app, without the need of extra software. Of course the images can also be opened full screen. Depending on the camera capabilities, you can even pan, tilt and zoom the camera. Together with the quad screen, interval view and fullscreen option this allows full control of your cameras.

- Mjpeg and still frame support for cameras
- Fullscreen support
- Quad screen support for four simultaneous images
- Interval view, for a rotating selection of cameras
- PTZ control for Axis and Mobotix cameras
- Flexible bandwidth settings for best performance
- Simple setup and configuration

Presence simulation

With the presence simulation of xxter you can allow recorded actions to be played back when the occupant is away, to make it seen someone is at home. The user can simply select which elements in the home should be recorded in the simulation. Then, through an option in the visualization or from the home installation (for instance (de)activating the alarm system), the playback of the recorded actions can be started or stoped. And whenever the pattern of the occupant changes, the simulation will always automatically change too.

Scenarios to the next level

xxter has set the new standard for the ease of use for scenarios. The end user can create and change scenarios himself directly in the app and control for every scenario which lights should be turned on or off or should be dimmed. The user is completely free to configure the scenario the way he or she prefers, which has never been possible before. Scenarios can be linked to light switches in the automated home by the installer, which allows the scenarios to be used directly in the home installation. Also curtains, thermostats and other equipment like the Sonos system or Philips Hue lights can be included in a scenario. The user can change scenarios without the help of the installer and can always see the effect of a specific scenario. Of course, scenarios can also be used directly in the app.

- Unlimited number of scenarios
- Actions can be added or removed in the app by the end user
- Scenarios can be added and changed in the app by the end user
- Allows flexible combination of systems and protocols in scenarios

Alert service

The alert service allows you to send messages from the installation to the user. For example, send a sms/text message when there is a frost risk or a leakage, send a monthly email with the latest meter readings or send a push message when the doorbell rings. Push messages can be sent together with a snapshot of a camera, to allow the user to always see who is in front of the door. The alert service can of course also be used and set up by the end user.

- Choose your own conditions to trigger a message
- Enter your own texts for the different messages
- Send alerts by push message, sms/text message and email
- Add a snapshot of a camera to a push message
- In the app a log of all previous messages is available

DMX support

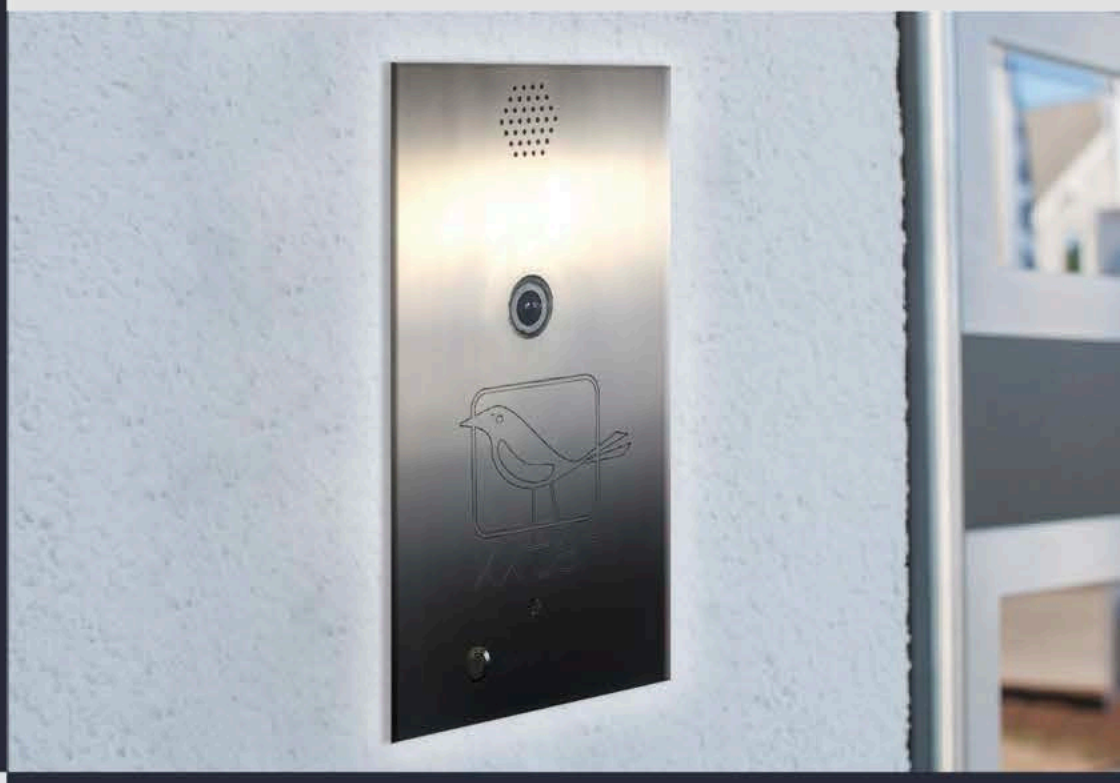
ArtNet is used to directly control DMX leds and other lighting. Artnet is a worldwide used protocol for controlling DMX equipment. With the use of ArtNet in xxter you can control DMX lights easily and use professional color lights in homes and businesses in an affordable and easy way. xxter can also serve as bridge between the different protocols. You can start a light show from DMX and automatically let KNX dim the room or include several DMX elements into a scenario together with KNX lighting.

- DMX control directly from xxter, through ArtNet
- The user can easily choose a color for their RGB leds
- No complex 0-10V actuators in combination with external LED-drivers required
- Also allows ArtNet input, for controlling xxter from a light control panel (used in cafes, clubs and studios)

Intercom

Use xxter in combination with a Mobotix, Robin or 2N video intercom to turn your phone or tablet into an intercom phone. With the alert service, you will receive a signal when someone is at the door. You can view the camera, communicate with your visitor and open the front door directly from the app.

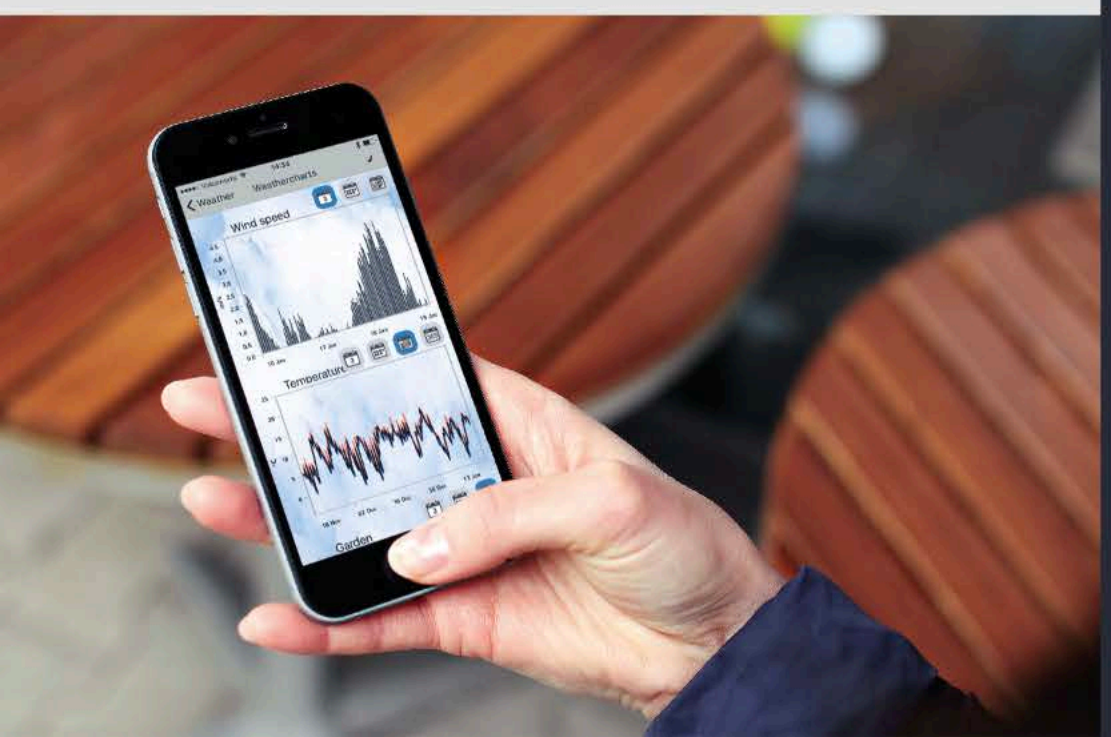
- Mobotix T24, Robin en 2N IP intercom support
- DTMF-codes possible for access and door control
- Many other intercom systems can be connected through a telephone option and a SIP converter
- For other SIP intercom systems, ask us for the possibilities



Charts and statistics

The built-in data analyzer automatically generates and calculates statistics and information about any components you want to monitor. This can be set up without any difficult settings, after which the data can be shown in all kinds of charts in the app.

Monitor the temperature of your central heating and display a chart of the last couple of days, weeks or months. How much electricity have your sun collectors produced? Monitor average values, maxima, minima or totals. xxter collects, monitors and analyses all of them easily.



Scripts and actions

With xxter scripts you can make your smart home even smarter. Create your own small programs and logic modules within xxter, which are very flexible to use. Create sequences for your RGB/Color lights, display texts in the visualization based on parameters from the home installation or perform actions based on specific restrictions. Using calculations, conversions and equations on values allows you to achieve complex functionality in an easy way, which would not be possible without xxter. With the extensive logbook function you can verify exactly what happens in an action or script to verify it is functioning properly.

- Flexible and usable from scenarios, schedulers, triggers or other scripts
- Create all possible logical functions
- Also usable for sequences and fades
- Extensive logbook function available
- Endless possibilities, separate manual available with explanation of the commands

Audio/video integration

In addition to electrical installations, audio and video equipment can also be controlled with xxter. Control your audio receiver with for example uPnP, which is used by Sonos, or send infrared or RS232 signals with Global Caché to control your other equipment. Turn off all audio/video equipment when leaving your home or when going to sleep. Set the volume of your television to a preset level when selecting a scenario. Even the selection of a radio channel or favorite playlist when coming home is possible. xxter also supports HTTP and TCP commands, for instance for selecting a camera feed on your network equipment.

- uPnP for Sonos and other equipment
- Infrared & RS232-commands with Global Caché
- TCP-commands for Denon and Marantz, e.g.

Easy personalization

By using your own background images, custom icons and color schemes, you can alter a profile and completely personalize it. This can easily be done online with the help of the "My xxter" web portal. Additionally we offer several default profiles to create a beautiful visualization even faster. Users can change and customize their own visualization through "My xxter" themselves. Simply add pages, move components or change texts, everything can be done by the end user.

Setting up the app has been made very user friendly with the QR code scanner. By scanning a personal QR code the end user can directly set up the xxter device in the app and choose his or her selfmade profile, without any help from the installer.

Updates and more

Apart from the features described in this product sheet, there are many more possibilities. Because the software in the xxter device and the apps can be updated with an easy push on a button, the xxter development team can easily add new features to the product. Enhancements and new possibilities are therefore made available on a regular basis.

We strive to make xxter as easy to use as possible for the end user as well as the installer. To achieve this we also deliver several unique possibilities, like our free dynamic DNS service or the extensive security measures built in, without the user ever noticing it.

Installation

The installation and configuration of xxter is simple. The configuration is done through a web browser and is easy to use. For specific situations we have several short manuals available. For the end user, the app is currently available in seven different languages. The installer can import the group addresses of the KNX project directly from ETS in xxter. The entire project and the profiles are automatically stored on our secure servers to make sure they are always available where and whenever you might need them. Easy, fast and simple.

The xxter device itself is suited for DIN rail use and is 4 modules wide. The xxter device can be directly connected to the KNX bus and powered by either an extra power supply from the KNX bus, the supplied power plug adaptor or any other 5-36 VDC power supply.

If the Internet service provider does not supply a static external IP address, most systems can not be reached over the Internet. xxter has a simple and effective solution for this problem by supplying a free dynamic DNS service, which links the user's internet connection to a hostname of your choice. The app automatically selects the correct connection for internal or external access. No need to select a different setting in the app when using the app from your office, in the car or from your home. This applies system wide, so also for cameras and intercom systems.

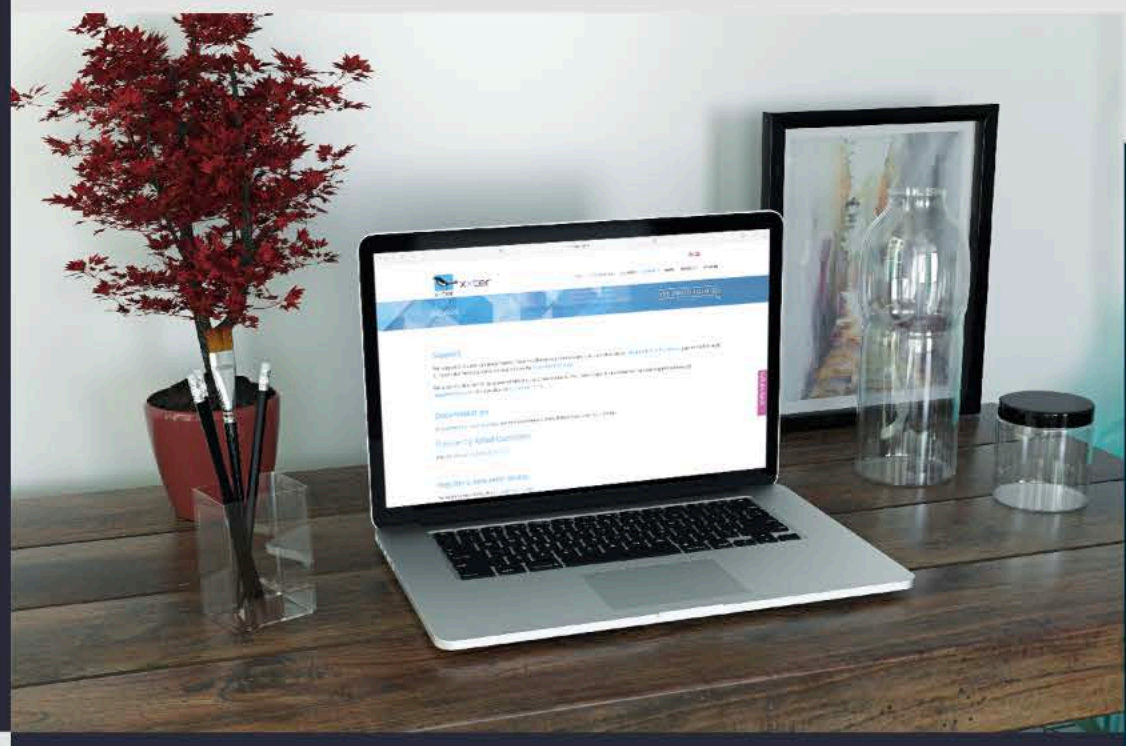
Complete & affordable

xxter does not use an expensive or complex licensing model. This keeps the costs completely transparant. You only pay for the xxter device and for this you get:

- Use of KNX, enOcean, DMC and Philips Hue components
- Scenarios with unlimited possibilities
- Very extensive schedulers
- App use for Apple and Android devices and on Windows computers
- Personal profiles with an unlimited amount of pages
- Flexible and unrestricted scripts
- Complete camera and intercom integration
- Statistics and charts support
- Extensive alert service with snapshot function
- Audio/video integration with uPnP (Sonos), infrared and TCP commands
- Easy to use presence simulation
- All without amount restrictions
- And much more…

Professional support

xxter installers can always count on experienced, fluent English speaking support. Apart from the support over the phone you can always visit us on the Internet through our website for extensive English manuals, information and personal advice. On the website you will also find our forum where users, installers and our employees exchange their experiences and tips to make sure you get the most out of your xxter. Thanks to our own development team you can always be sure of get the latest improvements and new features.



Technical specifications

Size (lxwxh):	90x72x60mm (4 TE)
Type:	DIN-module
Weight:	100 gram
Voltage:	5-36 VDC
Power consumption:	1W (gem.)
Cooling:	passive

Accessories:

- Power plug adaptor 5VDC
- UTP cable (1 m)

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Security

xxter supports extensive security options to protect your security and privacy. All communication between the app and the home installation is encrypted and always requires username and password. The end user can also protect pages with a pin code or Touch ID. Additionally end users can set up local users with access rights to shield certain parts of the home installation or allow them access only to specific parts.

Installers have the option to create separate employee logins to allow them to manage specific projects only. This way you have complete control with xxter who has access to what and under which circumstances.

Your installer