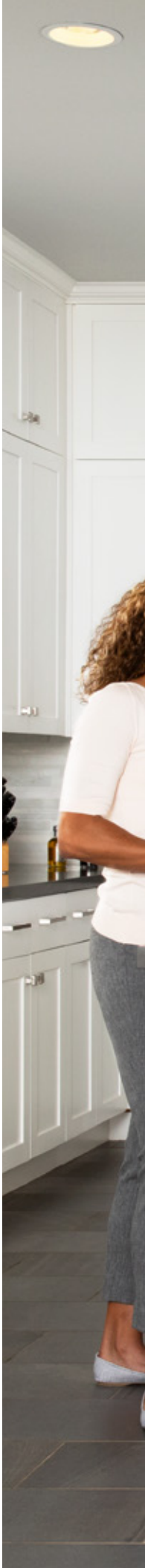
ABB-free@home™

A fully customizable, complete smart home solution that takes care of everything, from climate and lighting to door entry and entertainment.

Orchestrate your entire home from a single interface.

Welcome to the future today. ABB-free@home isn't just another smart home solution. It's smarter than smart. Smarter than complicated installations, one-function devices and automation solutions that don't work together. ABB-free@home connects compatible devices and lets you manage them from one easy-to-use interface. It performs elaborate functions with ease and simplicity, so your home is safer, more comfortable and more enjoyable. That's smarter than smart home living.

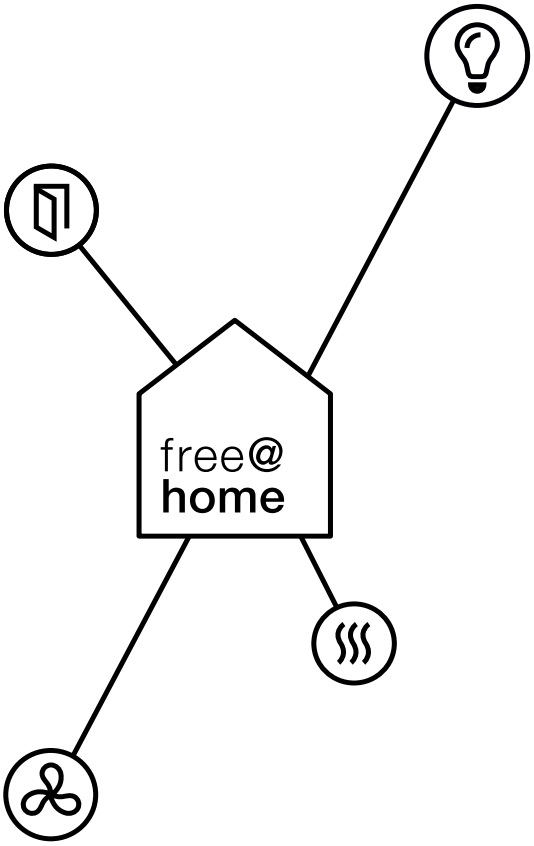


The beauty of interoperability.

Smarter than smart home automation means ABB-free@home seamlessly integrates with a growing number of the world's leading smart products.

Works with SONOS · JUST ASK amazon alexa · PHILIPS hue · Miele · home connect

ABB-free@home works with Amazon Alexa® so you can ask to control devices in your home like never before.



Create your perfect atmosphere.

Achieve the ultimate comfort zone with temperature control.
ABB-free@home simplifies climate control through its state-of-the-art thermostat. With the capabilities to access your A/C, heat and fan on any smart mobile device, it puts total temperature control at your fingertips — even remotely. With ABB-free@home's geofencing feature, it recognizes when you are coming or going so it can adjust the A/C, heat and fans to whatever you deem the perfect climate.

Automate your ambiance with lighting commands.
Climate is only the beginning. With ABB-free@home, you can control it all. Switch your lights on or off, control the brightness and change the ambient color lighting to match your mood. The system has full reign of the lighting across the entire house and the spaces outside of it. From the driveway and foyer to the kitchen and patio, ABB-free@home warmly welcomes you home every day. And when you leave, it can shut itself off for effortless energy efficiency.

Bundle security and convenience into one with our door entry system.
The ABB Welcome® door entry system is our intelligent door communications solution that connects you to your front door regardless of where you are. Set your phone to ring when the doorbell does so you can remotely interface with who's standing in front of your house. Equipped with a sharp camera, you can see who is there even when it's dark outside. Our door entry system also provides a variety of methods for convenient entry. Guests or family members can open the door using a passcode, RF ID card or any mobile phone that's NFC-enabled.

TRANSFORM

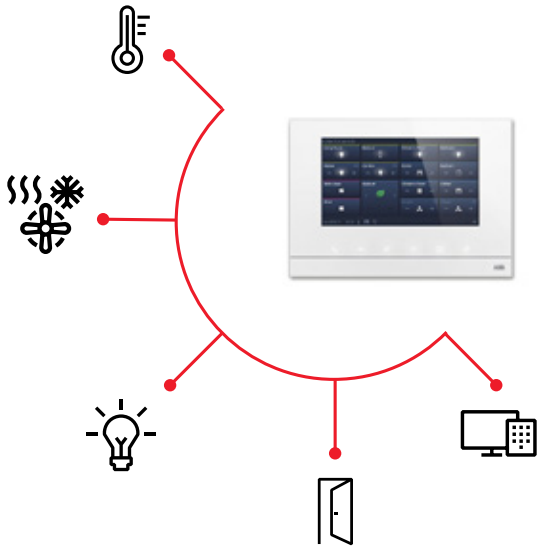
Set climate and lighting control preferences in seconds for activities in every room of the house.

Get it up and running in no time.

One system access point does it all. With ABB-free@home's ability to control 150 devices, it can connect compatible existing and future devices you may add down the road. No additional software is needed. We offer various installation options so you and your installer can choose the best fit for your home.

Our intuitive ABB-free@home system makes programming a breeze for installers. Collaborate with your installer and go room by room to customize preferences. After setup, our simple user interface means you can make changes yourself at any time.

The possibilities are endless.
A home that anticipates your return. Remote access from across the room or across the globe. Climate and lighting controls that are aware of the time and date. This is the future of smart home living available today with ABB-free@home. We've built our state-of-the-art system so that it's fast and painless for professionals to install, but more importantly, simple and intuitive for you to use. Even better, it's future proof, integrating seamlessly with a growing number of third-party products and services. With ABB-free@home, you get freedom, control and peace of mind. That's not just smart. It's smarter than smart home living.



Catalog

System access point 2.0
Central hub for commissioning and remote control of the ABB-free@home system. Comes with an external 120 V power supply.

Catalog number	Color	Pack unit pc.
SAP-S-3-US	White	1

External antenna
Used when the system access point is mounted in a metal housing to feed the ABB-free@home signal. Magnetic base and 5 ft. (1.5 m) cable length.

Catalog number	Color	Pack unit pc.
SAP-1-WL	Black	1

Thermostat
For conventional HVAC systems with 24 V AC. Requires a C-wire. Controls heat pumps as well as conventional furnaces and air conditioning. Allows humidity control. Touch operation with proximity sensor.

Catalog number	Color	Pack unit pc.
TH-1.1	Black	1

Trim plate for thermostat
For optional use with thermostat TH-1.1. Covers wall holes of previously installed thermostats.

Catalog number	Color	Pack unit pc.
TH-TP-1-WH	White	5

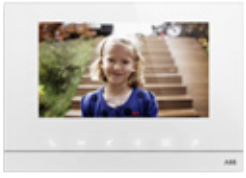


ABB-free@home touch 7"
Works with ABB-free@home and ABB Welcome®. Indoor video station with a 7" touch display. Controls of ABB-free@home functions and the functionality of an ABB Welcome door entry station. Connects to ABB-free@home. Additional devices are required.

Catalog number	Color	Pack unit pc.
DP7-S-611-01	White	1
DP7-S-625-01	Black	1

Dimmer switch, 2-wire

For dimming 120 V loads. Incandescent lamps up to 300 W or LED lamps up to 150 W. No neutral wire required. Allows 3-way installation with a mechanical switch.

Catalog number	Color	Pack unit pc.
DS-3.1-WH	White	1
DS-3.1-LA	Light almond	1

Dimmer switch, 3-wire

For dimming 120 V loads. Incandescent lamps up to 600 W or LED lamps up to 150 W. Neutral wire required. Allows 3-way installation with a mechanical switch.

Catalog number	Color	Pack unit pc.
DS-6.1-WH	White	1
DS-6.1-LA	Light almond	1

Keypad

For the control of 4 individual functions and or scenes. Comes with 4 exchangeable blank buttons. Includes the standard key package SKY-1-xx. No built-in switch or dimmer.

Catalog number	Color	Pack unit pc.
KP-4.1-WH	White	1
KP-4.1-LA	Light almond	1

Light switch

For switching 120 V loads. Incandescent lamps up to 1800 W or LED lamps up to 180 W. Neutral wire required. Allows 3-way installation with a mechanical switch.

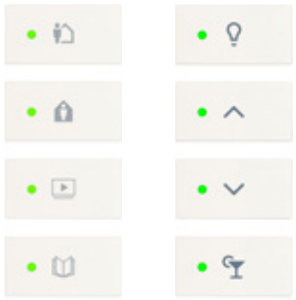
Catalog number	Color	Pack unit pc.
LS-1.1-WH	White	1
LS-1.1-LA	Light almond	1

Ceiling fan controller

For controlling 120 V ceiling fans up to 150 W. Controls the fan speed in 3 steps (OFF, LOW, MEDIUM, HIGH). Neutral wire required. Allows 3-way installation with a mechanical switch.

Catalog number	Color	Pack unit pc.
FC-3.1-WH	White	1
FC-3.1-LA	Light almond	1

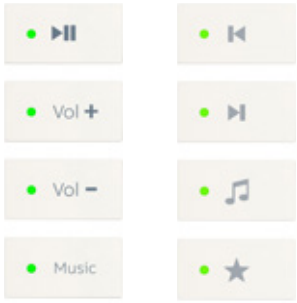
Catalog



Standard key package for keypad

Exchangeable keys for keypad KP-4.1-xx. A standard package contains 8 different keys with printed symbols for individual scene application.

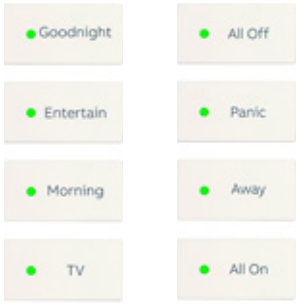
Catalog number	Color	Pack unit pc.
SKY-1-WH	White	5
SKY-1-LA	Light almond	5



Music key package for keypad

Exchangeable keys for keypad KP-4.1-xx. A music package contains 8 different keys with printed symbols for individual music application.

Catalog number	Color	Pack unit pc.
SKY-2-WH	White	5
SKY-2-LA	Light almond	5



Scene key package for keypad

Exchangeable keys for keypad KP-4.1-xx. A scene package contains 8 different keys with printed text for individual scene application.

Catalog number	Color	Pack unit pc.
SKY-3-WH	White	5
SKY-3-LA	Light almond	5

Faceplates

Universal screwless faceplate.

Faceplate, 1-gang

Catalog number	Color	Pack unit pc.
FP-11-WH	White	10
FP-11-LA	Light almond	10

Faceplate, 2-gang

Catalog number	Color	Pack unit pc.
FP-12-WH	White	10
FP-12-LA	Light almond	10

Power supply 640 mA, MDRC

Required for the wired communication between system access point SAP-S-3-US and Welcome touch 7" DP7-S-xxx-01.

Catalog number	Color	Pack unit pc.
PS-M-64.1.1	Gray	1

Leading digital innovation in home automation and beyond. Dedicated to making the future smarter, ABB is the world-leading provider of smarter home, smarter building, and intelligent community solutions. Our ABB-free@home™ complete home automation system actualizes the very best in comfort, security, design and energy efficiency for tomorrow's connected home. With U.S. headquarters in Cary, North Carolina and global headquarters in Switzerland, ABB is a pioneering technology leader with operations in over 100 countries and more than 140,000 employees worldwide. For more information, visit us at **abb.com/freeathome**.

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