

Userguide

Poly-Lock and Poly-Pad

poly-control

building and home control





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Welcome

Congratulations on your new Poly-Pad and/or Poly-Lock

This unique product gives you the opportunity to, in an instant; make your existing door lock wireless.

For instructions on how to mount the Poly-Lock, go to poly-control.com

Below is a brief introduction on how to operate the Poly-Lock.

The Poly-Lock and Poly-Pad has been optimized to work perfectly with your Vera2 gateway.

OBS:

It is very important that you include your Poly-Lock as the first of the Poly-Lock and the Poly-Pad.

When the Poly-Lock is included you must finish the inclusion process and rename the "_Door Lock" which the Vera2 will call it to e.g. "Poly-Lock"

When you have done this, you can continue and put the Vera2 in inclusion mode ones again and include the Poly-Pad

If you don't do this, you will not know which is which.





Including the Poly-Pad and the Poly-Lock

To include the product in your Z-wave network please follow the steps below.

Poly-Lock

1. Unscrew the screw in the buttom of the Poly-Lock:





- 2. Then you remove the cover, the cover will slide of easily.
- 3. Next you will start to include.
- 4. Put the Vera2 gateway in inclusion mode
- 5. Press the inclusion button on the Poly-Lock for 3 seconds



- 6. The Vera2 gateway will tell you that it has discovered the new device, and the Poly-Lock is included.
- 7. Finish the inclusion on the Vera2 gateway
- 8. Mount the lock as shown in the instructions video found on Poly-Control.com



Poly-Pad

1. Unscrew the screw in the buttom of the Poly-Pad:



- 2. Slide of the cover, the cover can be a bit tricky to slide of because the watertight gasket is very tight.
- 3. Put the Vera2 Gateway in inclusion mode
- 4. Press the inclusion button on the Poly-Pad for 3 seconds







5. Follow the mounting instructions found on the instructions video at Poly-Control.com

You are now ready to use your new Poly-Control products



How to get started

- 1. When you successfully included you Poly-Control products
- 2. Log on to your MiCasaVerde UI4
- 3. To be able to open or lock a door with the Poly-Pad, you will have to make a scene that allows the Poly-Pad to lock and unlock the Poly-Lock
- 4. This means that you have to make a scene for opening the Poly-Lock and one to lock the Poly-Pad
- 5. A "door open" scene and a "Door Close" scene



1st off

Making a scene that allows you to lock and open the door with the Poly-Pad

1. Press the scene button



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- Toolbox		Filter: Section - Room - Devic	8.	Search X j
MyMiOS Location :	Community Communis Community Community Community Community Community Communi	Advanced		
- Devices				
Temp Humidity Sensor	fugtighed Humidity 51	fugtighed Unlock Lock	Image: Second system Image: Se	radiator 🛛 👻
radiator relay	X 2w			

Then you will have to start making your scene.

	Filter: Section * Room * Device *	Search
	New scene 20 20 20 20 20 20 20 20 20 20 20 20 20	Ned -
Z-Wave device In	Run scene Scene #1000001 Commands no Events no Timers no Luup no Remote no A scene is what enables automation. A scene can be a group of commands which run whenever you touch a button, like a "Come Home" scene that turns several lights on. <u>show me</u> Or scenes can be commands which run automatically at certain times, like turning off the porch lights at sums show me Scenes can also be run automatically in response to some event, like turn on the front door light when the motion sensor is trigered. <u>show me</u> And scenes can also notify you of events, like sending you a text message when a door is unlocked. <u>show me</u> To create your scene, edit the name of the scene above, then add the commands you want the scene to run b clicking the 'Commands' tab. Click the 'Timers' tab to make your scene run automatically at certain times. Click the 'Events' tab to make your scene run automatically in response to events, and to specify notification options the events. Or click one of the 'show me' buttons to learn more about scenes. For advanced scenes you can learn more about: Luup, Remove, Advanced	ise.

Give your scene the name "Door open"

Then click the tab "Commands"

A new window:



1	Filter: Section - Room - Device -	Search
us\$}}}}}	Door open U ?X Room:Unassigned •	
ve device In	Room: no room Revenue Advanced	
	#3 radiator relay ON and leave it	
tugtighe	#8 polypad Unchanged and leave it	radiator
₹ 	#9 polylock Unlock Unchanged Lock	
	Unlock	
doorclo		
Choose	in the dropdown menu under "polylock" – "unlock"	

Then click the tab "Events"





And "Add Event"



4		Filter: Section + F	Room + Device +	-		Search
///}	Door open	amande Evente	Timore Luun	Ro	om:Unassigned -	
e device in	Device:	#8 polypad	Timera Luup	Kennote	Auvanceu	
v doorclo		Please select device #0 MiOS #2 _Scene Controller #3 radiator relay #6 radiator #7 fugtighed #8 polypad #9 polylock			Back	radiator T
	(Crear)					

/ Then you choose the "polypad" in the dropdown menu



ŭ	Filter: Section - Room - Device -	Searc
###} }	Door open Image: Commands Edit scene Commands Events Timers Luup Remote Advanced	
ve device In	Device: What type of event is the frigger?: A door is opened or closed A door is opened or closed Bad PIN Code entered A PIN Code is entered Lock button is pressed Lock fails to operate User code entered outside of valid date Low battery Very low battery Battery level goes below	radiator
dinin		

Choose "A door is opened or closed"





Name the event "open" and choose "Opened" in the dropdown menu

When this is done press the X in the top right corner of the window.

Finally to finish and save all your changes press the red "Save" Button on the home screen



					0	<u>3 27 m</u>
	Filter: Section	on + Room + Device +			Search	X SAVE
ce Insteon device MiOS developer	Advanced					
igtighed	Colling	4	Dolvoad	۲	radiator	۲
Humidity 50		Lock			Tempera	ature 23

Follow the steps on the next pages to finish.



Now make the scene for the door to close.

¥	Filter: Section - Room - Device -	Se
e device In	door close Commands Events Timers Luup Remote Advanced Room: Unassigned - Room: Ino room - Device category: All -	
fugtighe	#3 radiator relay ON and leave it #8 polypad Unchanged and leave it	radiato
×	■ #9 polylock Lock Unchanged Lock Unlock Unlock	
Door op		heat o

Name the scene "door close" and choose "Lock" in the dropdown menu.



a de		
- 🔁 - 🎬 👘	Filter: Section + Room + Device +	Search
C-Wave device In	door close Image: Commands Events Timers Luup Remote Advanced Device: #8 polypad Image: Please select device Image: Please sel	radiator Temperature
Y Door of		heat on

Under the tab "events" choose "polypad" in the dropdown menu once again.



]		Filter: Section - Room - Device -	Search
	door close	Room: Unassigned -	
ice In	Edit scene Com	mands Events Timers Luup Remote Advanced	
	Device: What type of event is the trigger?:	#8 polypad A door is opened or closed Please select -	
		A door is opened or closed Bad PIN Code entered A PIN Code is entered Lock button is pressed	
ugtighe		Lock fails to operate User code entered outside of valid date Low battery Very low battery Battery level goes below	radiator
Door op	(r.un)		heat on

Choose "A door is opened or closed"

door close			Roomilin	X ?
Edit scene	Commands Events 1	îmers Luup	Remote Ad	dvanced
Device: What type of event is the trigger?:	e A door is opened or closed			
Optional: Which of the following users shoul notified when the ever occurs?:	Which mode	Xosed ▼ Please select - >pened Nosed Back to events →		



Name the event "close"

Choose "closed" in the dropdown menu

Finish of by clicking the X in the corner of the window.

Then finally click the red "save" button.

The second state of the second se	••••••••••••••••••••••••••••••••••••••		
Filter: Section *	Room - Device -	Search	SAV
4			
dvanced			
nobylock		A radiator	

Now you are ready to use your Poly-Lock and your Poly-Pad.

Adjusting the lock for your door

When the lock is installed you will probably need to adjust the lock.

The two main issues to adjust is:

- The time the lock is turning, to make sure that it locks the door completely.
- **Reverse the lock**, this meaning that it is working opposite, meaning that the lock is locking when you press "unlock" on the Poly-Pad and vice versa.

Time the lock is turning

To make sure the lock is locking completely you will have to adjust the time the lock is turning. To do this follow the following steps.

Log in and choose the "tool" for the Poly-Lock you want to adjust.



Then choose the tab "Device Options"

Å.			
	polylock Ro	oom:Unassigned -	Sea
	Notifications		
	Control Pin codes Settings Advanced Device Options	Logs	
device In	ZWave options for device #4 <u>learn more</u> Manual Z-Wave route (advanced) <u>(explain this)</u> undefined Update Neighbor Nodes		
	Configuration settings Desired Value Current Value 1 1 byte hex 2 X		
	2 1 byte hex 2 2 X 4 1 byte hex 2 2 X Add configuration settings >	-	radiator
	Associations You must leave automatically configure to before this works learn more Group ID.	•	
doorope	n Y heat		

This is where the adjustments are made.

You can write numbers in these textboxes. You also have to use these dropdown menus. Finally you will have to write the "Desired Value"

If you don't have any "configuration settings" for starters, you just "add configuration setting", one for reversing the lock, one for the time the lock should be running when it locks and one for the time the lock should be running when it is unlocking.



Reversing the lock:

Type "0" in the text box, choose "1byte hex" in the dropdown and finally write 0=normal direction (the direction the lock is running now) or 1=reverse direction

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	polylock				Ro	Om:Unassigned +	Sea
			Noti	fications			
	Control	Pin codes	Settings	Advanced	Device Options	Logs	
device In	ZWave options f Manual Z-Wave r Update N	or device #4 <u>learn</u> oute (advanced) <u>(e</u> Neighbor Nodes	more xplain this) undefir	ied]		
Da Da	Configuration set Variable Data S 1 1 byt 2 1 byt 4 1 byt Add config Associations You must leave a Group ID:	ettings Size Desir te hex 2 te hex 2 guration settings automatically config	ed Value	Current Value 2 2 2 2 Vorks <u>learn more</u>			radiator
doorope		۲ he	at	Y			

The time the lock is running for locking and unlocking Locking:

Type "1" in the ftext box and choose "1 byte hex" in the dropdown, and finally write the number of seconds the lock should be running (1-15 sec.)

Unlocking:

Type "2" in the text box and choose "1 byte hex" in the dropdown, and finally write the number of seconds the lock should be running (1-15 sec.)



New pin codes:

Awarding a new pin number:

You click on the small took in the corner of the "poly-Pad" window

MyMiOS Location Z-W	ave device Insteon device MIOS developers	Advanced		
MiOS Marketplace				
Devices				
Temp Humidity Sensor	Class	tugtighed	Poly pad	Y radiator
O		Humidity 63		Temperature 15
adiator relay	Y vandvarmer	Y vandventil	4	
off On			0 W	
Scenes			0	
door close	K door open	Y heat on	4	

This makes the following window appear:

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0,1111)	Poly pad	Coom:Unassigned -	
Ownyy	Notifications		
n Z-Wave device In	Control Pin codes Settings Advanced Device Options	Logs	
Sor Y Do Y Do Y wandvar On 1w door op	Unlock Lock New code name: PIN code: Keep a copy of my PIN codes so that I can view them later Keep a copy of my PIN codes so that I can view them later		radiator Temperature 15

Choose the "Pin codes" tab



A new window:

		PolyPad		Room:PC	Demo Room -	
			Notifications			
		Control Pin code	es Settings Advanced	Device Options	Logs	
4	Alarm o	New code name: :				Open Door/Burg
	1	4-8 digit code:	Set →			Run
4		Existing codes				
		#1 test (****)	Restrict code (please select) 💌	Remove		
7 5 7 8	Dimma Pilin Po					Light/Spot Appli Off Smoke Ser
4	Temper					
	20					

Here you can award the new pin number.

Pick a name for the pin number, this could be the initials of the pin holder.

In the next tab you write the pin number, the pin number can be between 4-8 digits, we recommend 4 digits.

when you have picked the new pin number chose:

This will send the pin number to the gateway, and it will work instantly, if the Vera2 gw tells you that the operation went fine.

Set)

The pin numbers for the perticultar Poly-Pad, will show beldw.

Restriction of pin numbers:

If you want to put on restrictions for a pin number press: "restrict code"

By clicking a dropdown menu will appear:



	PolyPad The Room: PC Demo Room -	
	Notifications	
	Control Pin codes Settings Advanced Device Options Logs	
۲ Alarm	New code name: :	Open Door/Bu
Image: state	Existing codes #1 test (****) Restrict code Veekly Remove Veekly Veekly	Light/Spot App Off Smoke S

If you only want the pin number to be working certain days choose: "Weekly"



	developers					
	A PolyPad				W ? X	
	2			Room:PC	: Demo Room 🕶	
		Not	ifications			
	Control Pin codes	Settings	Advanced	Device Options	Logs	
Alarm o	New code name: :					Open Door
Ser.	4-8 digit code:	Set 🔸				55
	Existing codes					
-	#1 test (****)	Rec	trict code Weekly	- Remove		
				• C Keniowa		
	Day of week: 🔽 Monday 🛄 Tues	day 🗹 Wednesd	ay 🔲 Thursday 🗹	Friday 🔲 Saturday 🔲	Sunday	
	Valid from hh 💌 mr 💌	1 I	<u> </u>			
	Valid until hh mr 🖃					
Dimma	Set restriction					Light/Spot A
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Then you choose which days you want the pin number to work.



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۲ Alarm o	Of Of Control 08 09 New code nam 10 11 4-8 digit code: 12 Existing codes 13 14 15 #1 test (****) 16 Day of week: 17 Valid from 08	codes Settings	Advanced	Device Options	Logs	Open Door/Burg
L Dimma Di Dimma Dimma Dimma Dimma Di Dimma Dimma Dima	Valid until 16					Light/Spot Applia

Then choose in which time period you would like the pin number to work

To finish the restrictions press:



	developers	
	PolyPad	
	Notifications	
	Control Pin codes Settings Advanced Device Options Logs	
۲ Alarmo	New code name: : 4-8 digit code: Existing codes	Open Door/Burgler a
Y Dimma Y Dimma Y Pro Y Tempe Y Tempe	#1 test (****) Restrict code Daily Remove	Light/Spot Appliance

To choose a time period for the pin number to work based on dates press "Daily" in the dropdown menu.



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		05				Poor	W n:PC Dom	? X	
		07		Notifi	cations	Ruu	II.PC Dell	IO ROOM *	
	Control	08	des Setti	nas	Advanced	Device Options		Logs	
		10		ingo	Alteriova	Dence opacito		Logo	angeneen een
Alarm	New code nam	ne: : 12							Open D
	4-8 digit code:	13	Set >						1
	Existing codes	s 15							
	#1 test (****)	16	Restrict code	Daily	•	Remove			
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	2011 - 03	- 01 -	00 - 00 -						
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Choo	ose the date	\	١						
		Setre	striction						
Finish	n by clicking	00010	ourouon						



Remove Pin number:

To remove a pin number press the "remove button" next to the pin number in the "Pin Code" menu:

				$ \rightarrow $				
		D PolyPad		```	\		W ? X	
		i			\backslash	Room:PO	C Demo Room 🔻	
				Notific	ations			
		Control	Pin codes	Settings	Advanced	Device Options	Logs	
2	Alarma							
	Alarmo	New code name: :			\backslash			Open DoonBurg
	斷	4-8 digit code:	Se	t 🔸	\backslash			Run
ર		Existing codes						
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		"rtcor(")	Result	(please a		(eniove)		
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2								Smoke Ser
	<u>م</u>							Arm
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२	Temper							
	38							
/	111111							
/								

OBS: It will be a short while before the pin number disapears from the list.



Opening the door remotely

To open or lock the door remotely choose the "Poly-Lock", then choose

MyMiOS Location	C-Wave device Insteam device	MIOS developers	Adviced					
MiOS Marketplace								
Devices			N					
Temp Humidity Sensor	Door Lock	Lock)	Humidity 63	4	Polv pad	Lock	Temperature 15	
radiator relay	۲ vandvarmer	4	vandventil	4				
Off On				0 w				
Scenes								
Scenes door close	door open	પ	heat on	4				

Sounds from the Poly-Pad:

When a correct pin number is pressed it will be followed be 1 long beep, and afterwards the Poly-Lock will unlock or lock.

When a wrong pin number I pressed it will be followed be 3 short beeps.