

TECH BULLETIN

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Z-Wave: ClareHome App and Fusion Maintenance

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Introduction

Z-Wave maintenance is a feature designed to remap your Z-Wave network, ensuring network stability.

Using Z-Wave maintenance: when and why

- Secure Z-Wave devices, door locks, require that they are paired within a few feet (2 to 3) of the controller. Often requiring the device being moved closer to the controller. Run Z-Wave maintenance after the controller and/or device are in their final location.
- Non-Network Wide Inclusive devices require direct controller pairing, meaning they do not interact with other Z-Wave devices or repeaters. Often requiring the device being moved closer to the controller. Run Z-Wave maintenance after the controller and/or device are in their final location.
- Anytime multiple devices (3 or more) are added or removed from a Z-wave network.

Clare Controls Install Assist and ClareHome apps

Install Assist and ClareHome Z-Wave maintenance

The Install Assist and ClareHome apps feature a Z-Wave maintenance button.

Note: This process can take some time (hours). Z-Wave devices are inoperable and cannot be modified during maintenance.

To use the Z-Wave maintenance button in the apps:

1. Access the Clare Controls Install Assist app, and then tap Add Devices.





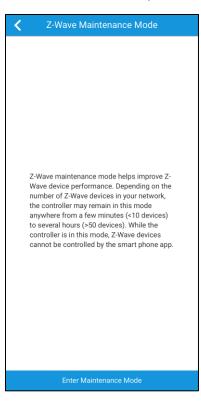
Access the ClareHome app's Mega Menu, and then tap Add/Edit Devices.

≡	Menu	
2	Locations	
≁	Add/Edit Devices	
	Notifications	
2.4	Scenes	Door Two
$\overline{\checkmark}$	Schedules	
	Automations	
(1)	Reset PIN	
\odot	Settings	
?	About	
È	Signout	
	Signed in as:	Cecontrols
	clare@gmail.com	

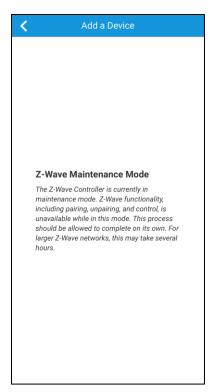
2. Tap the 3 dots in the upper-right corner, and then tap **Z-Wave Maintenance**.

X	⊁ Add/	Edit Devices	1	
-p;	Access	Z-Wave Maintenanc	e	
•	CCTV	Unpair Z-Wave Device		
ſ°	Climate			
: 0 :	Lighting			
5	Music			
A	Security			
	Water			
		+		

3. Read the displayed information, and then tap **Enter Maintenance Mode**.



4. Once maintenance is initiated Z-Wave devices cannot be used or modified until the maintenance is finished.



Fusion maintenance

Follow the steps below to perform Z-Wave Maintenance from Fusion. Large projects can take several hours. Home owners and integrators should not attempt to user Z-Wave devices during maintenance.

To perform Fusion Z-Wave maintenance:

- 1. Access the desired project in Fusion.
- 2. The **Devices** tab displays by default, scroll to view the Z-Wave controller.

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Areas Status	Con
Not initialized	
Not initialized	
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Not initialized	
Not initialized	1

3. Double click the controller, click the **Test** tab, and expand the Z**-Wave Network Controller** drop-down.

T-Wave Controller 🗙	
	5
Details Configure Test	
😑 Device Data	
Name: Z-Wave Controller	
Device UID: hdm:ZWave:E7E01739/1	
Online Status: Online	=
	_
Z Wave Network Controller	
	J
	•

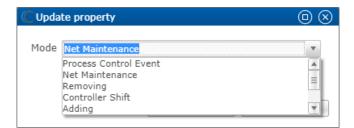
4. Scroll down to view Mode, and then click **Normal**.

ils Configure Test						
Device Data						
Name: Z-Wav	e Controller					
Device UID: hdm:Z		11/1				
nline Status: Online						
nine Status: Online						
Is Primary	true		Shows if th	nis controller is a primary contro	ller	
ISSIS	true			is controller is the SIS controlle		
Is S U C	true		Shows if th	is controller is the SUC controlle	er of the network.	
IsSUCSIS	true		Show if the	e SUC controller is in fact a SIS	one.	
Is Real Primary	true		Show if the	e controller is the real primary fo	or the network.	
Is Secondary	false		Show if the	e controller is secondary in the n	etwork.	
Is S U C Present	true		Show if SU	Show if SUC is present in the network.		
Is On Other Network	false	false		Show if this controller is added in other network.		
Role	-			Shows controller role. On of the: ZWaveController.CONTROLL		
Mode	Normal		Changes th	Changes the controller mode. If controller is set to Adding more		
High Power	true		Adding or r	Adding or removing mode option High Power.		
Network Wide	true		Adding mo	Adding mode option Network Wide.		
Suc Node Id	1		The node is	The node id of the SUC controller.		
Zwave Version	5		The suppor	The supported version of the zwave protocol.		
Com Port	/dev/tty/	ACM0	The COM p	oort used to communicate with t	he controller.	
Create Asso	ciation	Create Multichan	nel Association	Remove Association	Remove Multicha	annel Association
List Associa	itions	List Multichanne	Associations	Reset Controller	Is Faile	d Node
Remove Failed Node		Replace Failed Node		Force Network Update	Assign Re	turn Route
Delete Return Route		Set Mode I	Duration	Get Mode Duration	Re	set
Remove Node		Set S U C	C Node	Get Routing Info	Send Node	Info Frame
Send N () P	1				

The Update Property dialog displays.

🕻 Upda	te property	\odot
Mode	Normal	v
	Execute	Cancel

5. Select **Net Maintenance**, and then click **Execute**.



While running net maintenance, the mode displays 40.

Note: The 40 status displays the entire duration of net maintenance.

ils Configure Test				
Device Data				
Name: Z-Wave Co	ntroller			
Device UID: hdm:ZWav	e:E7E01739/1			
online Status: Online				
nine Status, Onine				
Is S I S	true	Shows if this controller is the SI	IS controller of the network	
Is S U C	true	Shows if this controller is the SU	JC controller of the network.	
Is S U C S I S	true	Show if the SUC controller is in	fact a SIS one.	
Is Real Primary	true	Show if the controller is the real	I primary for the network.	
Is Secondary	false	Show if the controller is second	Show if the controller is secondary in the network.	
Is S U C Present	true	Show if SUC is present in the ne	Show if SUC is present in the network.	
Is On Other Network	false	Show if this controller is added	Show if this controller is added in other network.	
Role		Shows controller role. On of the	Shows controller role. On of the: ZWaveController.CONTROLLER_ROLE	
Mode	40	Changes the controller mode. If	Changes the controller mode. If controller is set to Adding mode then o	
High Power	true	Adding or removing mode optio	Adding or removing mode option High Power.	
Network Wide	true	Adding mode option Network W	Adding mode option Network Wide.	
Suc Node Id	1	The node id of the SUC controlle	The node id of the SUC controller.	
Zwave Version	5	The supported version of the zw	The supported version of the zwave protocol.	
Com Port /dev/ttyACM0		The COM port used to communi	The COM port used to communicate with the controller.	
4		m		
Create Associatio	Create Multichannel Ass	sociation Remove Association	Remove Multichannel Association	
List Associations	List Multichannel Asso	ciations Reset Controller	Is Failed Node	
Remove Failed Node Replace Failed Node		Force Network Update	Assign Return Route	

6. Click the **Refresh** icon ^{S to} view the status. The Mode returns to Normal once the maintenance is complete.

Note: This may take several hours.

7. Once complete, exit the tab and click **No** on the Save Resources pop-up.

C Save Resource			
'Z-Wave Controller' has been modified. Save cha	nges?		
Yes	No	Cancel	

8. Wait 10 minutes before attempting to control Z-Wave devices.

Contact information

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