



**MK LOGIC**  
We do IT for you.

# Getting your Z-Wave Plus device tested by MK Logic GmbH

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This document provides essential information about how we conduct Z-Wave certification processes and the additional services we offer as part of Z-Wave certification. Please read it carefully to understand the sequence of the process and the requirements that need to be fulfilled.

## Prerequisites

Before starting the work with MK Logic, a case for your device must be present on the [Z-Wave Alliance Certification Portal](#), which has passed the Initial Review process.

Please contact the Z-Wave Alliance Certification Team at [certadmin@z-wavealliance.org](mailto:certadmin@z-wavealliance.org), to request a user account for this portal.

When accessing the portal for the first time, please make sure to read the introduction on the Getting Started page carefully. This page contains information about the certification process and how it is handled on the portal.

Please factor in sufficient time for the certification process. Depending on the product type, it usually takes several weeks to get a device through certification.

We tend to have a waiting period of approximately two weeks. This wait time begins when we have received all items that are listed in the section below. We require between two and three days for end devices and up to five days for controller devices to carry out the actual test runs. Depending on the number of issues we find during our tests, additional time may be required to fix those issues and to perform ad-hoc tests.

## Getting Your Device into the Testing Queue

The submitted case must undergo an initial review by the Z-Wave Alliance. A notification e-mail with the results of this test will be sent to both you and MK Logic. We can only begin processing your product upon receipt of this notification.

Please contact MK Logic once your certification case has passed the Initial Review. The following items need to be completed in order to get your product into our wait queue.

- MK Logic must receive a purchase order. To obtain the current certification fees, please request a quote from [z-wave@mk-logic.de](mailto:z-wave@mk-logic.de)
- MK Logic will issue an invoice upon receipt of your PO. Please do not transfer any payment before you have received the invoice.
- MK Logic will then put your device into the testing queue after all of the following conditions have been met:

1. The testing facility has received two device samples.

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2. The product documentation has been uploaded. It must meet the requirements of all documentation-related form items, explain how your device is used and how it will partake in the testing procedures. It is your responsibility to provide enough explanatory details that the testers can reasonably use the device with the Z-Wave test specifications.
  3. A firmware file has been uploaded if the product supports over-the-air firmware updates.
  4. MK Logic must have received either payment in full or proof of payment.

All documents and files can be uploaded on the Certification Online Portal. Go to the Files page of your certification case, and upload the files under the correct file type or upload them under Additional Files.

## Your Device in the Queue

Your device enters the queue once all required conditions have been met. Please note that the queue may have one or several devices ahead of yours.

MK Logic can tell you where you are in the queue but cannot tell you which devices are ahead of yours. MK Logic is also unable to predict the length of time it will take to get to your device; if there are many problems with other devices, testing will take much longer. Some devices are tested quickly while others require extensive documentation for complex issues. We strive to test each and every device with accuracy and efficiency.

If you are pressed for time, we offer a Fast Track service to process your device in a preferred queue.

## What Happens During Testing

We will begin testing once your device has reached the first position in the testing queue. Your device will be tested using the Z-Wave test specifications. Our role in the process is to document the results of the test and to report these to the Z-Wave Alliance Certification Team. Only the Certification Team has the ability to tell you whether your device has passed or failed the certification, or has gone into the ad-hoc resolution phase.

Although unlikely, the testers may contact you during testing to address a specific issue where the documentation is unclear. Overall, there will not be any communication from the testers regarding your product during the testing process. Failures we find are simply documented and reported to the Z-Wave Alliance Certification Team.



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## Common Issues We See During Testing and How You Can Avoid Them

- We strongly recommend that you are diligent when going through the self-certification process. The Certification Online Portal will guide you through the process and provide detailed instructions about the test procedures that are performed for each of the selected form items. It is rare for certifications to fail on our end for those who have followed the test specifications during the self-certification process.
- Compare your product documentation with the certification document requirements. Many times devices are placed into ad-hoc based solely on documentation; some have even failed. Double check that you have correctly identified which command classes your device actually supports/controls.
- Make sure your product documentation is the user manual and not a software specification document.
- Pack your devices appropriately for shipping. If we receive damaged or unusable devices, we require you to ship a fully functioning replacement before we are able to enter the device into the queue.

Once MK Logic has completed the initial test run, the results will be sent back to the Z-Wave Alliance. The Z-Wave Alliance Certification Team will review the results and decide on the next step of the certification case:

- Technical tests are done if no issues were found. Please note that the Z-Wave Alliance is not able to pass the certification if the market certification has not already been approved by the Z-Wave Alliance.
- The device will be placed into the ad-hoc resolution phase if there are a small number of minor issues. During this 30-day period, the sent-in device will be re-tested for free only once if an update or new firmware for the device is available. Each additional device or firmware that is needed to make the device free of errors will be charged according to the test efforts.
- The certification fails if the device has major issues. A new certification case will need to be created and new fees will apply when the device is resubmitted for another certification attempt.

## After the Certification Process has been completed

At least one of the test samples will be kept at the testing facilities for later reference. Unless requested in writing within forty (40) business days, all devices you supply for testing become property of MK Logic GmbH and will not be returned. To request the return of a product, please email us your address and shipping account with the billing post code. We will not return devices without a shipping account.

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## Shipping Information

Our shipping address is:

MK Logic GmbH  
c/o Lydia Kramer  
Hauptmarkt 9/10  
08056 Zwickau, Germany

Phone: +49 375-39098696  
E-Mail: z-wave@mk-logic.de

Please make sure that all shipping costs are covered by your company. Do not forget to put an invoice/ bill of lading on the outside of the package. This invoice/ bill of lading must contain a list of all parts, as well as their product value and their HS codes. Please also include the following statement on the invoice:

“Value for customs purposes only. Intercompany transfer of engineering samples for technical tests/certification.”

Any import taxes that we may be charged with, will be billed accordingly.

## Billing Information

Our bank transfer information is:

Beneficiary: MK Logic GmbH  
Bank: Sparkasse Zwickau  
Bank address: Crimmitschauer Straße 2, 08056 Zwickau, Germany  
Account No: 1020019049  
Bank code: 87055000  
IBAN: DE23 8705 5000 1020 0190 49  
SWIFT/BIC: WELADED1ZWI

The sender of the payment must bear all transfer costs.

Please specify the invoice number in your wire transfer. Otherwise we may not be able to match the payment with your certification case.

Please indicate on your PO to us if you would like to use PayPal as a means of payment. We will need to add a 5% transaction fee to the amount on the invoice if PayPal is used.

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## Other Services We Provide

Wenn Sie jemanden benötigen, der Ihr Gerät vor der offiziellen Zertifizierung prüft, bieten wir Ihnen einen Vorzertifizierungsprüfungsdienst an. Wenn Sie eine zeitkritische Prüfung benötigen, können Sie auch für die Fast-Track-Zertifizierungstests bezahlen. Die folgenden Gebühren werden zusätzlich zu den normalen Zertifizierungsgebühren veranschlagt. Bitte kontaktieren Sie uns für Details.

### Test House Fast Track

We offer a fast track option for the certification process if you are in need of time-sensitive testing. For an extra fee, your device will be removed from the queue and processed as quickly as possible on a parallel track. Usually tests on devices in the fast track are started within 2 to 3 business days.

### Pre-Certification Assistance

We offer pre-certification testing services if you want to have your device tested before the actual certification. With this service, you can avoid the risk of your product failing an expensive certification test. We will work closely with you and test your product until you can confidently begin the actual certification process.

An MK Logic representative will assist you with pre-certification (on an hourly fee basis) as follows:

- Review and comparison of the certification form with design documentation/device specifications
- Physical device test according to Z-Wave certification requirements
- Comments and recommendations, if necessary.

We require between 16 and 24 hours for end devices and 30 to 40 hours for controller devices to complete a full test run.

We thank you for choosing MK Logic GmbH as your testing partner for  
Z-Wave Certification!