

MBHA10 Gateway

Z-Wave manual

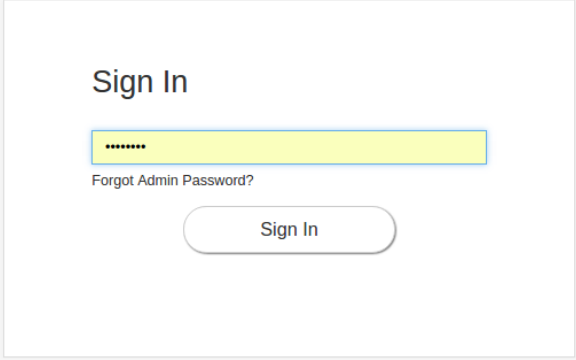
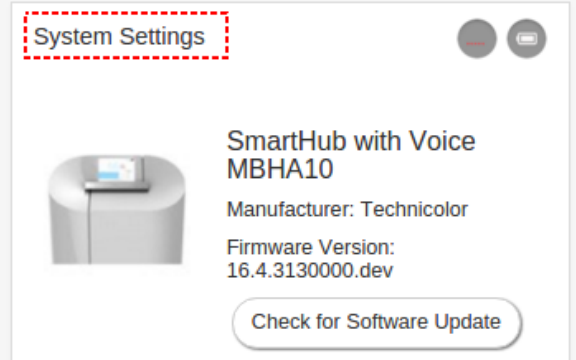
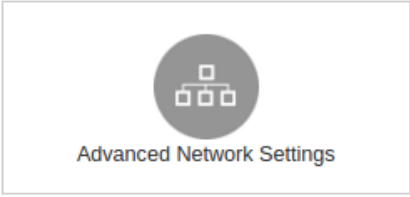


General z-wave information



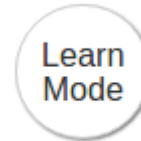

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| Z-Wave plus device type | Central controller |
| Z-Wave plus role type | Central static controller |
| Supported command classes | COMMAND_CLASS_ZWAVEPLUS_INFO COMMAND_CLASS_APPLICATION_STATUS COMMAND_CLASS_ASSOCIATION COMMAND_CLASS_ASSOCIATION_GRP_INFO COMMAND_CLASS_CRC_16_ENCAP COMMAND_CLASS_DEVICE_RESET_LOCALLY COMMAND_CLASS_MULTI_CMD COMMAND_CLASS_MANUFACTURER_SPECIFIC COMMAND_CLASS_POWERLEVEL COMMAND_CLASS_SECURITY COMMAND_CLASS_VERSION |
| Supported association groups | GROUP ID: 1 – Lifeline MAX NODES IN GROUP: 1 |
| Basic command class handling | This product will in some cases try to interpret BASIC_SET received from devices and perform the appropriate action (Eg. a basic set 0xFF or 0x0 received from a binary sensor might be interpreted as a change of sensor state). Unsupported devices can be controlled with the BASIC_SET command by sending 0x0 and 0xFF values to the unsupported device. |
| Other information | <ul style="list-style-type: none">• This product can be included and operated in any Z-Wave network with other Z-Wave certified devices from other manufacturers and/or other applications. All non-battery operated nodes within the network will act as repeaters regardless of vendor to increase reliability of the network.• This product is a security enabled Z-Wave product that is able to use encrypted Z-Wave messages to communicate to other security enabled Z-Wave products. |

Z-Wave network management

Z-Wave network management is operated from the "Advanced Network system" page in the gateway's web UI.
In order to access this page, connect to the web UI using you browser, and follow these steps:

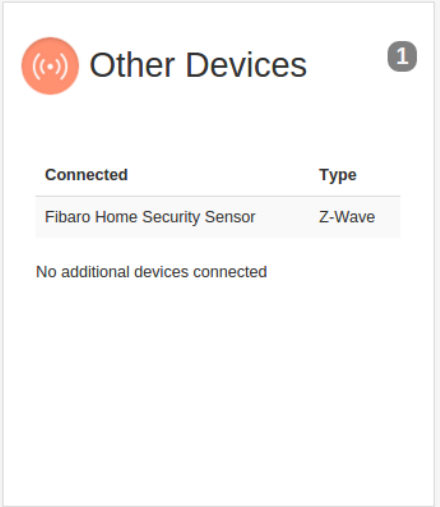
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| <p>Browse to 192.168.1.1</p> <ul style="list-style-type: none">• Login in using default password located on label on the inside lid of the battery compartment on the bottom of the gateway• On first login, setup security questions to reset the password. |  <p>The image shows the 'Sign In' screen of the gateway's web UI. It features a yellow password input field with a masked password '*****'. Below the field is a link that says 'Forgot Admin Password?'. At the bottom is a 'Sign In' button.</p> |
| <p>Click on "System Settings"</p> |  <p>The image shows the 'System Settings' screen. The title 'System Settings' is at the top left, enclosed in a red dashed box. To the right are two circular icons. Below the title is an image of the SmartHub device. To the right of the image, the text reads: 'SmartHub with Voice MBHA10', 'Manufacturer: Technicolor', and 'Firmware Version: 16.4.3130000.dev'. At the bottom is a 'Check for Software Update' button.</p> |
| <p>In the "System Settings" page, click on "Advanced Network Settings"</p> |  <p>The image shows a button for 'Advanced Network Settings'. It features a circular icon with a network diagram (a central node connected to three peripheral nodes) and the text 'Advanced Network Settings' below it.</p> |

Network management operations

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| Add a Z-Wave device | <p>Add a Z-Wave device to the current Z-Wave network</p> <p>Devices added with the device manager will be configured in the following way and in the following order:</p> <ul style="list-style-type: none">• Z-Wave inclusion• Z-Wave secure inclusion, if the device being added supports the Security command class• Configuration/interview of certain command classes that are supported by the device being included• Return routes assignment to primary controller• <p>To copy network data to another controller click the DISCOVER button and put the other controller in learn mode. This is typically done to transfer information about newly joined devices to other controllers.</p> |  A circular button with a thin grey border and the word "Discover" in a blue sans-serif font. |
| Remove a Z-Wave device | <p>Remove a Z-Wave device from the current Z-Wave network</p> |  A circular button with a thin grey border and the word "Exclude" in a blue sans-serif font. |
| Controller learn-mode | <p>Controller learn mode is used to perform the following actions:</p> <ul style="list-style-type: none">• Add controller to another Z-Wave network• Remove controller from its current Z-Wave network• Transfer SIS role from current primary controller to this controller.• Receive network information from primary controller, if controller is an inclusion or secondary controller in the current Z-Wave network |  A circular button with a thin grey border and the words "Learn Mode" in a blue sans-serif font, stacked vertically. |
| Hard reset | <p>Please use this procedure only when the network primary controller is missing or otherwise inoperable.</p> <p>Reset Z-Wave module to default settings. This will effectively delete the current Z-Wave network and create a new one. All your devices will be deleted and it will be necessary to remove them prior to adding them to</p> |  A circular button with a thin grey border and the words "Controller Reset" in a blue sans-serif font, stacked vertically. |

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| | another Z-Wave network. | |
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Z-Wave Device management

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| <p>The device management is located in the "connection" page. In the main page of the gateway's web UI, click on "Other Devices"</p> |  |
| <p>In the devices list, in order to view the selected device's information, click on the expand button.</p> | <p>Connected devices on router</p> <div data-bbox="1108 902 1835 995"><div>Unknown</div><div>Fibaro home security sensor</div></div> |

Device management

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| Configure device | <p>This function is used to change device specific parameters.</p> <p>A description of these parameters can be found in the manual of your Z-Wave device.</p> | <div><p>Configuration</p><p>Parameter <input type="text"/> Value <input type="text"/></p><p><input type="text"/></p><p><input type="button" value="Write"/> <input type="button" value="Read"/> <input type="button" value="Stop"/></p></div> |
| Remove/Replace failed node | <ul style="list-style-type: none">• REPLACE This function is used to replace a failed node in your Z-Wave network. When you replace a failed node A with a new node B, node B will get the node id of the replaced node. This also means that all the routing information of the replaced node A will be assigned to the new node B.• REMOVE This function will completely remove a failed node from the current Z-Wave network. A failed node is a Z-Wave device that no longer sends reports or responds to commands. Please note that you cannot remove a device that still responds to commands with this function. | <div><p>Remove/Replace Failed Device</p><p><input type="text"/></p><p><input type="button" value="Remove"/> <input type="button" value="Replace"/> <input type="button" value="Stop"/></p></div> |