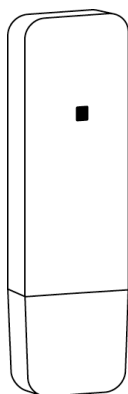




Z-Wave USB Stick - Instructions

300ZW-US-W & 300ZW-EU-W

Introduction



Thank you for purchasing this TrickleStar product. With this product and application software you will be able to control a range of Z-Wave™ devices. Z-Wave™ is an interoperable two way RF mesh networking technology.

The TrickleStar USB Stick is a Z-Wave™ enabled device and is compatible with Z-Wave™ enabled devices from a range of manufacturers. Each device in a Z-Wave™ network is designed to act as a repeater. Repeaters can re-transmit the RF signal to ensure that the signal is received by its intended destination by routing the signal around obstacles and radio dead spots.

The Z-Wave USB Stick is designed to be used with a range of other Z-Wave compliant devices such as dimmers, drupe controllers and motorised screens. The product is simple yet supports a range of Z-Wave network functionality.

The product includes a USB extender cable to allow the product to be remotely mounted to improve RF performance.

Getting Started

Installation

Do not plug in the device into the USB port before called for by instructions.

Perform the following Steps to install the device:

1. Download the needed software driver from www.tricklestar.com (Windows / Mac / Linux).
2. Follow the instructions provided on the computer during installation of the driver.
3. Plug the Z-Wave USB Stick into the USB port of the computer.
4. The Z-Wave USB Stick is now ready to be used with a software application.

Installation & Set-Up Recommendations

Z-Wave Modules should be plugged-in or hardwired into the location where they will be used.

For best results, do not move or relocate modules after they have been Included into the network. If you wish to re-locate or move a module from a particular location, first delete it from the network, then include it back to the network after you have re-located it.

Some Z-Wave Devices only permit a maximum range of 6 ft. between the Remote Control and the Device being Included as they communicate with low radio transmission power when in their Inclusion mode.

Always make sure that ALL devices to be inserted into a Network have been Reset.

Devices which have already been Included into a network, cannot be Included into a new Network before the have been Excluded/Reset.

Specifications

Z-Wave & RF Specifications

RF	EU	US
Z-Wave Chip	ZW0301	
Z-Wave Library	Serial API	
Basic Device Class	Static Controller	
Z-Wave Protocol	Release 5.02	Release 5.01
Data Rate	9.6kbps / 40kbps	
Frequency	9.6kbps:868.42 MHz 40kbps: 868.40 MHz	9.6kbps:908.42 MHz 40kbps: 908.40 MHz
Range	Typical 30 meters	

Specifications & Regulatory Approvals

Operating Temp 0° to 45°C

REGION	RF	OTHER
EU	CE	2002/95/EG (RoHs) 2002/96/EC (WEEE) 1999/5/EC (RTTE)
US	FCC	Z-Wave Certified

Warranty

Unless specified otherwise, TrickleStar warrants that TrickleStar Products will be free from defects in materials and workmanship affecting normal use for a period of one year from invoice date ("Standard Warranty"). This warranty is extended to the original purchaser only and is not transferable.

This Standard Warranty does not cover damage, fault, failure or malfunction due to external causes, including accident, abuse, misuse, problems with electrical power, servicing not authorized by TrickleStar, usage and/or storage and/or installation not in accordance with Product instructions, normal wear and tear, act of God, fire, flood, war, act of violence or any similar occurrence. Any attempt by any person other than TrickleStar personnel or any person authorized by TrickleStar, to adjust or repair the Products shall void the warranty.

During the one-year period beginning on the invoice date, TrickleStar will repair or replace Products returned to TrickleStar's facility. Customer must prepay shipping and transportation charges, and insure the shipment or accept the risk of loss or damage during such shipment and transportation. TrickleStar will ship the repaired or replacement products to Customer freight prepaid.

TrickleStar does not give any warranty that the Products are fit for any particular purpose and this Standard Warranty is given in place of all warranties, conditions, terms, undertakings and obligations implied by statute, common law, trade usage, course of dealing or otherwise including warranties or conditions of merchantability, fitness for purpose, satisfactory quality and/or compliance with description, all of which are hereby excluded to the fullest extent permitted by law.

If any provision of these Terms and Conditions is held by any competent authority to be invalid or unenforceable in whole or in part, the validity of the other provisions of these Terms and Conditions and the remainder of the provisions in question shall not be affected thereby. Where implied conditions and warranties cannot be excluded due to local trade practices legislation,

TrickleStar's liability for breach of such conditions and warranties shall be limited, at TrickleStar's option, to

(a) in the case of products, the replacement of the products or the supply of equivalent products; the repair of such products; the payment of the cost of replacing the products or of acquiring equivalent products; or the payment of the cost of having the products repaired OR (b) in the case of services, the supplying of services again; or the payment of the cost of having the services supplied again. TrickleStar's total liability in respect of each event or series of connected events shall not exceed the total price paid for the purchase of product/s.

TrickleStar shall not be liable for Products not being available for use, or for data or software which is lost, corrupted, deleted or altered. TrickleStar shall not be liable to the Customer for any incidental, indirect, special or consequential damages arising out of or in connection with the purchase, use or performance of products or services, even if TrickleStar has been advised of their possibility.

FCC Statement

This device complies with part 15 of the FCC rules. Operation of this device is subject to the following conditions;

- This device may not cause harmful interference, and
- This device must accept any interference including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. The equipment generates, uses and can radiate radio frequency energy and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment on and off, the user is encouraged to try to correct the interference by one or more of the following measures;

- Reorient or relocate the receiving antenna or device.
- Increase the separation between the equipment and the receiver.
- Connect the equipment into an outlet on a different circuit to which the receiver is connected.
- Consult TrickleStar or an experienced radio / TV technician for help.

WEEE

This product complies with the WEEE Directive (2002/96/EC) marking requirements. The affixed label indicates that you must not discard this electrical / electronic product in domestic household waste. Product Category: With reference to the equipment types in the WEEE Directive Annex 1, this product is classed as category 9 "Monitoring and Control Instrumentation product".

DO NOT DISPOSE IN DOMESTIC HOUSEHOLD WASTE.

To return unwanted products, contact the manufacturers website shown on the product or your local sales office or distributor.

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