



MAGNUM FIRST M9-USB USB Configuration Device Instructions

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MAGNUM FIRST M9-USB USB Configuration Device



Product Information

The M9-USB is a USB Configuration Device manufactured by Magnum First. It is designed to facilitate the remote configuration of other devices via AirConfig. The product is available in three different frequencies, based on the geographic location of the user. The M9-USB is a small-sized device that can be connected to a laptop via USB, Ethernet or WIFI. The device also features a Lighting Relay.

Features

- Remote configuration via AirConfig
- Available in three different frequencies – M9-USB (902 MHz – North America), M8-USB (868 MHz – Europe and China), MJ-USB (928 MHz – Japan)
- Range of 150 feet (50-150 typical) / 45.72 m (15.24 m – 45.72 m)
- Small-sized device with enclosure dimensions of 2.625 x 0.875 x 0.375 inches (66.68mm x 22.23mm x 9.53mm)
- Features a Lighting Relay

Technical Specifications

- Part Numbers (Frequency Dependant)
- Range Dimensions: 150 feet (50-150 typical) / 45.72 m (15.24 m – 45.72 m)
- Enclosure Dimensions: 2.625 x 0.875 x 0.375 inches (66.68mm x 22.23mm x 9.53mm)

AirConfig™ Remote Configuration Software

AirConfig is a remote configuration software that is used to configure devices via the M9-USB. AirConfig can be used in two modes – Over the Air and Radio Pass-Through Mode.

Product Usage Instructions

- Connect the M9-USB to your laptop via USB, Ethernet or WIFI.
- Install the AirConfig software on your laptop.
- Launch the AirConfig software and select the mode of operation – Over the Air or Radio Pass Through Mode.
- Follow the on-screen instructions to configure your device remotely.

Applications

The M9-USB can be used in various applications where remote configuration of devices is required. Some of the common applications include home automation, industrial automation, and security systems. For more information, please contact Magnum First at phone 716-293-1588 or visit their website at www.magnumfirst.com. You can also email them at info@magnumfirst.com.

Product Image



Features

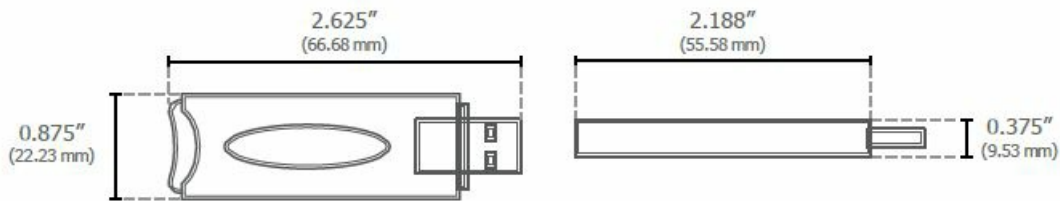
- Compatible with any EnOcean hardware/software
- Licensed for AirConfig and AirSpy
- Easy to use
- Ability to configure hundreds of devices at the same time (via AirConfig)

Technical Specifications

Part Numbers (Frequency Dependant)	M9-USB (902 MHz – North America) M8-USB (868 MHz – Europe and China) MJ-USB (928 MHz – Japan)
Range	150 feet (50-150 typical) / 45.72 m (15.24 m – 45.72 m)
Dimensions	2.625" x 0.875" x 0.375" (66.68mm x 22.23mm x 9.53mm)

Enclosure

Dimensions



Screen Captures



Product Overview

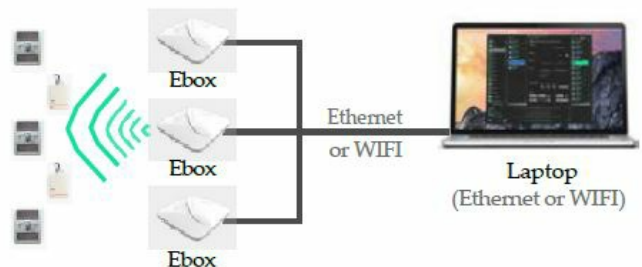
Description

As with any new technology, complexity (real or perceived) is a significant barrier to growth and large-scale adoption. A key principle during the development of the Magnum wireless product offering was that the operation of the system should be intuitive and certainly no more complex than a traditional wired system. As a result, Magnum developed AirConfig. AirConfig is a configuration and commissioning software tool that can be used to configure and commission devices "on the bench", before product installation, or remotely after products are already installed. Customers are required to purchase a Magnum USB stick* enabled with a radio module for over-the-air configuration or a Magnum eBox (Mx-EBOX) for configuration over Ethernet / WIFI**. Magnum also allows customers, particularly OEMs, to license and customize AirConfig according to their specific business pursuits and branding. There is a fee for this customization. If interested, please email info@magnumfirst.com.

*AirConfig: Over the Air



**AirConfig: Radio Pass Through Mode



Operation

Once the AirConfig USB stick has been inserted into a computer, the user must download the AirConfig software call or email info@magnumfirst.com. to download the AirConfig software. AirConfig software tool includes both a "USER-FRIENDLY" mode and a more advanced "TECHNICIAN" mode. The TECHNICIAN mode contains specific features and allows permission to override certain logic, while the "USER-FRIENDLY" mode provides suggested settings based on application standards for each device. Devices, including sensors, can be saved,

loaded, and even shared. We encourage users who have not received adequate training, to either contact Magnum for a training session or utilize the USER-FRIENDLY version of the software.


Applications

AirConfig is JAVA based and can run on Windows, LINUX, or MacOS. AirConfig can configure any AirConfig-enabled product as well as any EnOcean sensor. AirConfig establishes a direct link to the device to be configured, thereby eliminating the possibility for cross-linking. Even when devices are not within radio range, AirConfig can create virtual sensors for any EnOcean ID and Profile via manual input or a scanned-in QR code, allowing commissioning to occur without having the real sensor present. AirConfig can print a full configuration report for Magnum's eBox and ID labels for sensors.

Magnum First

- Seneca Street
- 29th Floor, M55
- Buffalo, NY 14203
- phone 716-293-1588
- www.magnumfirst.com.
- info@magnumfirst.com.

Documents / Resources

	<p>MAGNUM FIRST M9-USB USB Configuration Device [pdf] Instructions M9-USB USB Configuration Device, M9-USB, USB Configuration Device, Configuration Device, Device</p>
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References

- [BMS | Building Management Systems | Magnum First](#)
- [BMS | Building Management Systems | Magnum First](#)