

Introduction:

MP2 is a configurable RFID reader designed to support various types of high frequency cards. It aims to offer a simple yet powerful solution for customers reducing inventory overheads and also ties clients from other device providers. With MP2's configuring software, the user may set up transferring baud rate and output interface; as well as set up the output data size, format, and type. In short, MP2 RFID reader provides a wide range of compatibility and the ability for flexible modification, making it the top choice reader on the market.

Applications:

- Access controls
- Security system
- ID card for admission control
- Personal Identification

Ordering information:

- MP2----RS232,Wiegand, ABA TK2 3 IN1

Features:

- Power Requirements:
5~12 Volts regulated DC at 200 mA maximum typical.
- Interface: Wiegand , MSR ABA Track2 and RS232
- Typical Maximum reading distance:
- Up to 50mm at 5~12V with Mifare card In ideal conditions.
- Operating frequency: 13.56MHz standard
- Dimensions: 78 (L) x 43 (W)x 15(H) mm
- Housing material: ABS
- Card TYPE
ISO14443A

MIFARE™Standard, MIFARE 4k, MIFARE Ultralight, MIFARE Ultralight C, MIFARE DESFire®, MIFARE DESFire EV1, ISO14443B

Smartcard ISO14443B, SRI4K, SRI512

ISO15693

SIC5600, ICODE-SLI, ICODE-SLI-L, ICODE-SLI-S

ISO 7816, Contactless Smart card

- Operating temperature Range: -10 to 60 Deg C.
- Operating relative Humidity: 10 ~ 90%.

※ Specification is subject to change without notice.

**FCC Statement**

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. This 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 off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

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

FCC Statement

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) this device may not cause harmful interference, and
(2) this device must accept any interference received, including interference that may cause undesired operation.

Caution!

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.



We welcome OEM inquiries

- ◆ Custom design manufacturing is available
- ◆ Custom device programming is available
- ◆ Call factory for other configuration

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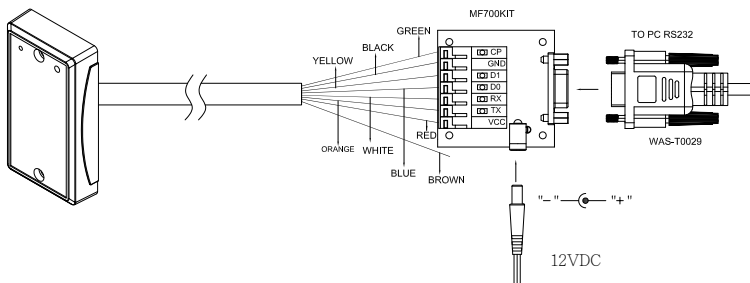
MP2 Wires Assignment

Color	Symbol	I/O	Description
Red	VCC	IN	Power Input: 12VDC
Black	GND	IN	Power Ground + Singal Ground
Yellow	D1	OUT	Clock (ABA TK2) ; Data 1 (Wiegand)
Blue	D0	OUT	Data (ABA TK2) ; Data 0 (Wiegand)
Green	CP	OUT	Card Present (ABA TK2)
White	RX	IN	RS232 RXD (To Host TXD)
Orange	TX	OUT	RS232 TXD (To Host RXD)
Brown	Boot	IN	Reboot (While this line wired with GND at power on,MP2 will enter boot phase.)
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To configure the MP2 reader you must connect the MP2 to the PC by RS232C interface using our software.

Remark:

MF700KIT is a kit for MP2 to connect with PC. It is an optional accessory for purchasing.



CAUTION:

The crossed out wheeled bin label that can be found on your product indicates that this product should not be disposed of via the normal household waste stream. To prevent possible harm to the environment or human health please separate this product from other waste streams to ensure that it can be recycled in an environmentally sound manner.

For more details on available collection facilities please contact your local government office or the retailer where you purchased this product.

This information only applies to customers in the European Union.

For other countries, please contact your local government to investigate the possibility of recycling your product.