

MR3 MAGNETIC STRIPE CARD EXTERNAL READING HEAD

IN_MR3 magstripe reader 980623

General

The SRS MR3 is an external Industry Standard Magnetic Stripe Card Reader. It is suitable for all Access Control Systems with an option for this standard output format (sometimes referred to as Clock & Data).

The MR3 is internally heated in order to give extended low temperature use, it is therefore, suitable for external or internal use.

Installation

The SRS MR3 comes complete with removable terminals to aid installation and servicing.

- Put aside the reader and offer the wall plate up to the desired mounting height, ensuring that the cable hole is at the top right. Secure to the wall with countersunk screws.
- Mark cable entry hole, remove mounting plate and drill the cable entry hole.

Caring for your SRS Reader

The MR3 case is constructed from stainless steel and will not corrode. Case cleaning should be done with a non-compound cleaner or simply a dry duster. The Reading Head Element will require regular cleaning, and purpose made disposable cleaning cards are available, however, a piece of card soaked in Methylated Spirit swiped carefully through the reader several times periodically will suffice.

- Connect the 6 way terminal making sure the cable screen is connected to the M4 stud provided.
- Connect the 6 way terminal to the reader head.
- Hook the top of the reader onto the wall plate and slide over the bottom edge. Secure the reader with the Torx screw provided.

Technical Data

Dimensions (HWD)	103 x 45 x 39
Temperature	-35 to +60 C
Head Life	>100,000
Head Type	Inductive (heated)
Reader Timing	Magtek
Operating Voltage	5Vd.c +/- 5%
Current Consumption	100mA (Q)
Logic TTL	Totem pole

MR3	Description
1	Card Present (CP)
2	Clock (Strobe)
3	Data (Track 2)
4	Led (Active Low)
5	0Volts
6	+5 Volt Supply

Example connections

Bewator BC93

This note supercedes directions for connecting the reader only, as discussed in the BC93 Installation Manual.

Multi-Box Reader	Door 1	Door 2	MR3
1	11	21	1
2	12	22	2
8	18	28	3
6	16	26	4
7	17	27	5
3	13	23	6

Excelsior

Note: Jumper settings for reader type on control units always set to 'MS'

Excelsior	Item	MR3
RDB	Clock	2
RDA	Data	3
IND2	Led	4
GND	0V	5
+5V	5V	6

TDSi S1(X)

Consult the TDSi S1X manual for controller settings

S1X	Item	MR3
13	Clock	2
15	Data	3
14	Led	4
16	0V	5
12	5V	6

TDSi S2 and S4

Note: Jumper settings on 7 & 9

Door 1	Item	MR3
46	Clock	2
45	Data	3
43	Led	4
47	0V	5
44	5V	6

Door 2	Item	MR3
19	Clock	2
18	Data	3
16	Led	4
20	0V	5
17	5V	6

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