



TAMPER detection INSTALLATION GUIDE

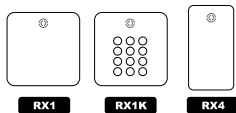
for
RX1/RX1K and RX4 BACKBOXES

www.tm-readers.com

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100-02866-B

READER STYLES: This document applies only to readers fitted with tamper detection optical sensors, and refers to the BACKBOXES to the readers shown below.



When tamper detection is enabled, please ensure you follow these instructions carefully.

YOU DO NOT HAVE TO INSTALL THIS MECHANISM IF THE TAMPER DETECTION SENSOR ON YOUR READER IS NOT ENABLED.

This mechanism has been designed as a fixture independent to the reader and backbox, to minimise the risk of bypassing the tamper sensor if an attempt is made to remove the reader and backbox together.

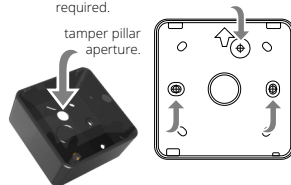
TAMPER DETECTION MECHANISM



tamper pillar

RX1 / RX1K - BACKBOX

- Using the backbox as a TEMPLATE, mark onto the wall the centre positions of the fixing holes and tamper pillar aperture. Drill and plug the wall as required.



- Twist the tamper pillar to ensure it is vertical, as shown.



- When correctly fixed, the backbox and tamper pillar should appear as shown below. Tighten the tamper pillar screw further ... but do not overtighten.



- Make connections to the reader and test the tamper sensor by gently lifting the bottom edge of the reader away from the backbox.

You may opt to use an M3x10mm countersunk security screw.



P.T.O.

- Secure the BACKBOX to the wall using a minimum of 2 fixings.



- Carefully position and fix to the wall the tamper pillar using the wall plug and screw supplied.


NOTE:
Lightly tighten the tamper screw.




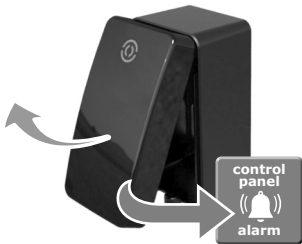


When enabled, the TAMPER DETECTION function uses an infrared optical sensor to send and receive information on the physical status of the reader.

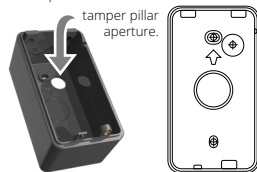
Any forced attempt to remove the reader from the backbox, or a destructive act of vandalism to the reader installation, will trigger the tamper detection and send a signal to the access control panel, which is then handled in accordance with the user's settings and installation protocols.

 As part of the tamper detection security, if the reader is lifted away from the backbox, it will no longer read RFID credentials. The LED will illuminate RED indicating the reader is NON-OPERATIONAL.

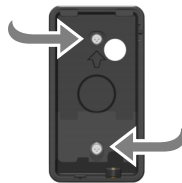
 When the reader is secured properly to the backbox, the LED will illuminate BLUE (standard RX series configuration) indicating the reader is OPERATIONAL.



- 1** Using the backbox as a TEMPLATE, mark onto the wall the centre positions of the fixing holes and tamper pillar aperture. Drill and plug the wall as required.



- 2** Secure the BACKBOX to the wall using 2 fixings.



- 3** Carefully position and fix to the wall the tamper pillar using the wall plug and screw supplied.



NOTE:
Lightly tighten the tamper screw.

- 4** To ensure operation, twist the tamper pillar to position shown (approx' 15°).



- 5** When correctly fixed, the backbox and tamper pillar should appear as shown below. Tighten the tamper pillar screw further ... but do not overtighten.



- 6** Make connections to the reader and test the tamper sensor by gently lifting the bottom edge of the reader away from the backbox.

You may opt to use an M3x10mm countersunk security screw.

