INTRODUCTION: This manual covers the complete hardware installation of all models in the WA5200 & AUWA5200 Cylindrical Series line of Wireless Access Modular Locks.

NOTES: Illustration on pages 2 and 3 shows a LH installation, but yours might be different.

When mounting Reader and Transceiver:
- Wear some form of ESD protection.
- Do not use power tools to tighten mount screws. Hand tools only.
- Turn in each mount screw a little bit at a time.
- Do not overtighten mount screws

When cylinder key does not work properly, check that cylinder and appropriate cam are installed in correct position.

NON-SUPPLIED TOOLS & MATERIALS NEEDED:
- Phillips head screwdriver.
- Drill bit set (up to 1" [25mm]).
- Allen wrench set.
- Drill (up to 1" [25mm])
- Wire stripper.
- Level.
- Fire rated putty (recommend-Metacaulk Putty from Rectorseal Corp.)

INSTALLATION INSTRUCTIONS

Installing the Reader

1. Place the Reader and Transceiver in the location determined by your customer, but within range of the transceiver.

2. If located inside or outside the building, make sure that the reader will be accessible to operators.

3. Install the Reader and Transceiver on the door or wall as described below.

4. Secure the Reader and Transceiver using the screws provided.

5. Connect the power supply to the Reader and Transceiver as described in the manual.

FCC Compliance
- This device has been authorized by the FCC Rules and Industry Canada.
- This device complies with the limits for a Class B digital device and a Class B intentional radiator, pursuant to part 15 of the FCC Rules and with RSS-210 of Industry Canada. Operation is subject to the following 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.

- The Wireless Access System Component must be installed by qualified professionals or contractors in accordance with FCC part 15.205, Antenna Requirements.
- Do not use any antenna other than the one provided with the unit.

UL Compliance
The WA5200 & AUWA5200 Wireless Access Cylindrical Locks are listed under UL524 as an access control system.

The WA5200 & AUWA5200 Wireless Access Cylindrical Locks are listed under UL10C.

Access equipment manufactured and/or sold by Ingersoll Rand Security Technologies is not rated for, or intended for use in life safety installations.

Technologies is not rated for, or intended for use in locations where there is not normally a 20 cm separation between the antenna and all persons.

Do not co-locate and operate in conjunction with any other antenna or transmitter.

- Use only the Battery Pack specified in this instruction manual.
- Do not subject Battery Pack to fire or high temperatures.

- Do not attempt to recharge, short out or disassemble Battery Pack.

- Follow local regulations for alkaline battery disposal.

- Immediately remove the batteries and discontinue use if: the product is impacted after which the interior is exposed, or the product emits a strange smell, heat, or smoke.

- Changes or modifications not expressly approved by Ingersoll Rand Security Technologies could void the user’s authority to operate the equipment.

- When mounting Reader and Transceiver:
  - Wear some form of ESD protection.
  - Do not use power tools to tighten mount screws. Hand tools only.
  - Turn in each mount screw a little bit at a time.
  - Do not overtighten mount screws

When cylinder key does not work properly, check that cylinder and appropriate cam are installed in correct position.

NOTE: All illustrations not to scale.
After door & frame have been prepared, refer to illustration below & install strike components into door frame in following order:

1. Insert A.
2. Place B against A, secure with C.
3. Insert D.

After strike components have been installed, refer to illustration on right & assemble lock components into door in following order:

1. For metal doors, file off all burrs on edges of thru hole E.
2. Insert F into latch hole, secure with G.
3. Feed H thru DSM hole and out thru wire hole 1.
4. Insert I into DSM hole.
5. Refer to DETAIL D-A and adjust the D-Lock Chassis.
6. Feed N thru Lever Hole.
7. Insert O into Lever Hole.
   NOTE: P to engage with F. See DETAIL D-B.
8. Feed N thru Q.
9. Align Q as in illustration & place against door.
   NOTE: N to be completely inside notch (R).
10. With S held against Q, route N snugly around outside of S and out thru top. Refer to DETAIL D-C for routing.
11. Fully insert T into outside of door.
12. With lever catch (U) pointing to F, slide V over O, secure with W.
13. Place X over V with notch (Y) at top.
14. Press Z onto V until it clicks in place.
15. Feed H thru square opening in Aa.
16. Feed Ba thru Wire Hole 1.
17. Place As against door, secure with Ca.
18. Place Da over N, secure with Ea.
19. If lock has REN option, do the following:
   > Route Fa on Ga thru Ha. Refer to DETAIL D-D.
   > Feed Fa thru wire hole 1 & square opening in Aa.
20. Connect N to the mating connector on Aa.
21. Connect Ba to Ha. Refer to DETAIL D-E or DETAIL D-F.
    > If prox reader, remove Ia, plug in Ba, reinstall Ia.
    > If mag stripe reader, bend Ja, plug in Ba, release Ja.
22. For wood doors, fill wire hole 1 with fire rated putty.
   NOTE: Metal doors do not require wire hole 1 to be filled.
23. Place Ha against door, secure with Ka.
24. Place Ga over Ha, secure with La.
25. Place Ma into Aa, secure with Na & Qa.
26. Refer to DETAIL D-G and insert the 2 wires (H) into Pa, secure by tightening Qa.
27. If lock has REN option, connect Fa to mating connector on Aa.

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