

# INSTALLATION INSTRUCTIONS FOR CAL-ROYAL RS-2000 & RS-2100



	<p><b>1. MARK DOOR</b></p> <ol style="list-style-type: none"> <li>1.1 Attach template, and mark a horizontal height line at the center of latch, on both face of door, edge, and jamb</li> <li>1.2 Verify backset, and mark a vertical center line from edge of door</li> <li>1.3 Apply template to the opposite side of door and repeat above</li> <li>1.4 Keeping drill leveled and straight. Drill from both sides to increase accuracy</li> <li>1.5 Check local ordinance for proper ADA recommended height from finished floor</li> </ol>		<p><b>2. MARK LATCHBOLT HOLE</b></p> <ol style="list-style-type: none"> <li>2.1 Drill 1" dia at the center of door edge, chisel a rebate 1/8" deep, to allow latch face to flush fit with door edge</li> <li>2.2 Insert latch, fix top fixing screw, and check if latch enters aperture easily and held without too much "play"</li> <li>2.3 Re-fix the latch face plate, using both screws</li> </ol>
	<p><b>3. MARK STRIKE HOLE</b></p> <ol style="list-style-type: none"> <li>3.1 Mark center line of latchbolt on frame</li> <li>3.2 Center strike and mark screws positions</li> <li>3.3 Drill 1" dia and chisel out aperture to 3/4" deep</li> </ol>		<p><b>4. CUT A REBATE 3/32" TO ALLOW STRIKE TO FLUSH WITH JAMB</b></p> <ol style="list-style-type: none"> <li>4.1 Tighten strike plate, using both screws</li> </ol>
	<p><b>5. PUT SQUARE PIECE AND SPRING</b></p> <ol style="list-style-type: none"> <li>5.1 Put spring through the square piece.</li> <li>5.2 Insert square piece through the latchbolt square hole.</li> </ol>		<p><b>6. INSTALL THE FRONT LOCK (KEYPAD SIDE)</b></p> <ol style="list-style-type: none"> <li>6.1 Position the code side of lock onto door Note: locks are supplied right handed. To reverse lock hand, unscrew both the set screw located beneath the handles, interchange the handles then secure them in place by tightening the set screws. Make sure the set screws are facing down in both handles.</li> <li>6.2 Put main cable through the left hole and motor cable through the right hole. Note: make sure cables are not trapped</li> </ol>
	<p><b>7. CONNECT THE MAIN CABLE</b></p> <ol style="list-style-type: none"> <li>7.1 Main cable male connector to motherboard female connector engagement.</li> <li>7.2 Put motor cable through plate.</li> </ol> <p><b>NOTE: Hook the main cable in this position.</b></p>		<p><b>8. INSTALL BATTERY CASE AND PLATE</b></p> <ol style="list-style-type: none"> <li>8.1 Position inside battery plate and secure with fixing screws. Note: make sure cables are not trapped or pinched.</li> </ol>
	<p><b>9. INSTALL INTERIOR LOCK</b></p> <ol style="list-style-type: none"> <li>9.1 Position interior lock plate cover retractor spindle and secure with 3 fixing screws.</li> </ol>		<p><b>10. INSTALL BATTERIES</b></p> <ol style="list-style-type: none"> <li>10.1 Install the four (4) batteries in the battery compartment.</li> <li>10.2 Fit battery cover and secure with fixing screw.</li> </ol>