DORMA

QUICK REFERENCE SET-UP FOR DORMA ESA AUTOMATIC SLIDING DOOR SYSTEM
Versions 2.00 and 2.10

A. INITIAL DOOR SET-UP

➡Note⬅: Every DORMA ESA automatic sliding door must go through an initial learn cycle to establish the stroke and measure inertia. The carrier end stops [or bumpers] must be in a position to provide proper finger protection <u>and</u> the sliding door panels completely glazed prior to starting this process. If the end stop location changes after a learn cycle, the controller must re-learn the new stroke position.

<u>Initializing or Learning a Bi-Part or Single Slide Unit:</u>

1. Make sure the **Program Switch** located on the jamb is in the "**Automatic**" mode with the "**Exit Only**" and "**Partial Open**" switches in the <u>off</u> position.
2. Open sliding panel(s) approximately 5" to 6". ➡Note⬅: Single Slide door panels configured as **P-SX**, **O-SX** and **SX-SO** must be closed for this process as they have reverse motor leads.
3. Plug power cord into the ESA controller.
4. Immediately press <u>and hold</u> the black service button on the front of the controller until the door(s) begin to move. This takes approximately 25 seconds. Release the button after the door(s) start to move.
5. The controller will now go through a self-learn cycle. This self-learn process is described as follows:
   - The door will automatically close.
   - The door will "jerk" open a small distance to measure inertia.
   - It will then creep to a full open position, which also determines the stroke.
   - From here the door will close.
   - After closing, the door(s) will slightly open and close three times to test the closed position and reconfirm the start-up inertia.
   - The door has now programmed its stroke, inertia and the factory default settings.
   - ➡IMPORTANT⬅: **Do not disrupt this process!**
6. After the doors have completed the initialization procedure, you can then change the factory defaults by way of the Hand-Terminal.

B. ADJUSTMENTS AFTER INTITIAL LEARN CYCLE IS COMPLETE

➡Note⬅: The factory default settings from the initial learn cycle can be changed through the DORMA Hand-Terminal. To access these settings, make sure the Hand-Terminal is securely connected to the controller data port, then:

1. PRESS GREEN "ENTER" KEY AND THE MAIN MENU WILL APPEAR.
2. PRESS THE **#1** KEY TO SET VALUES FOR ANY CHANGES THAT YOU WANT TO MAKE. THE SUBMENU SCREEN WILL BE NOTED IN THE TOP RIGHT CORNER. YOU CAN ADVANCE OR RETURN THROUGH THE SUBMENUS BY PRESSING THE RIGHT (➜) OR LEFT (⬅) ARROW KEYS. IF YOU ARE RETURNING THROUGH THE MENU BY WAY OF THE LEFT (⬅) ARROW KEY, YOU WILL LOSE ALL <u>NEW</u> DATA IF IT HAS NOT BEEN SAVED (SEE ➡WARNING⬅ BELOW).
3. ALTHOUGH THE ESA HAS MANY ADJUSTABLE OPTIONS, THE FOLLOWING REPRESENT THE MORE COMMONLY ADJUSTED FEATURES. PLEASE CONSULT THE DORMA HAND-TERMINAL OPERATING MANUAL FOR FULL AND COMPLETE INSTRUCTIONS FOR OTHER CHANGES.