

Dado Door Remote Power Kill Options



Figure 1

Typical Wireless Remote Appliance Switch



Figure 2

Power Kill Concept: A method to remotely turn off the power to the Dado Master Controller in the event that the control method has become inoperable. For example, in some applications the door system may use the Dado LCD Touch Screen. In the event that the LCD Touch Screen fails for any reason, the door would not be easily opened if the power is still on. If there is some means to turn off the power to the Dado Master Controller, then the door can be slid by hand as a method of egress until the problem can be corrected.

If the Dado Master Controller is accessible, then the power can be turned off and the door opened by hand.

If the breaker for the Dado Master Controller is accessible and is clearly marked, then by turning off the breaker the Dado Master Controller power will be turned off, and the door can be moved by hand.

If the Dado Master Controller and the Breaker are not accessible and there is a need to turn off the power, then a remote method is an option so that egress is possible by hand.

One method of Remote Power Kill is to use a "Wireless Appliance Switch". An appliance switch should contain the third prong on the AC plug that is required for ground. Do not use a 2-prong only switch, as these do not include the ground. Figure 2 shows the correct type of plug that will be included on the Remote Appliance Switch. The disadvantage of the Wireless switch is that the batteries can fail over time. It is suggested that the batteries be changed each year to reduce the risk of failure.

Another method of Remote Power Kill is to use a "Wired Switch". This could be your standard light switch that is wired back to the Dado Master Controller. The benefit of the Wired switch is that it does not use batteries.

Note: The Wires Appliance Switch shown was purchases at Home Depot for around \$30.

Connecting the Wireless or Wired Switch: Any switch should be placed between the Dado Master Controller and the 110VAC power source as shown below.

