



## Product Specification

The **Dado Door System** is a complete motorized track system for doors, panels, or any other object that is required to be automated in a sliding manner. Typical applications include glass and wood sliding doors, pocket doors, moving room dividers.

### The assembly comprises:

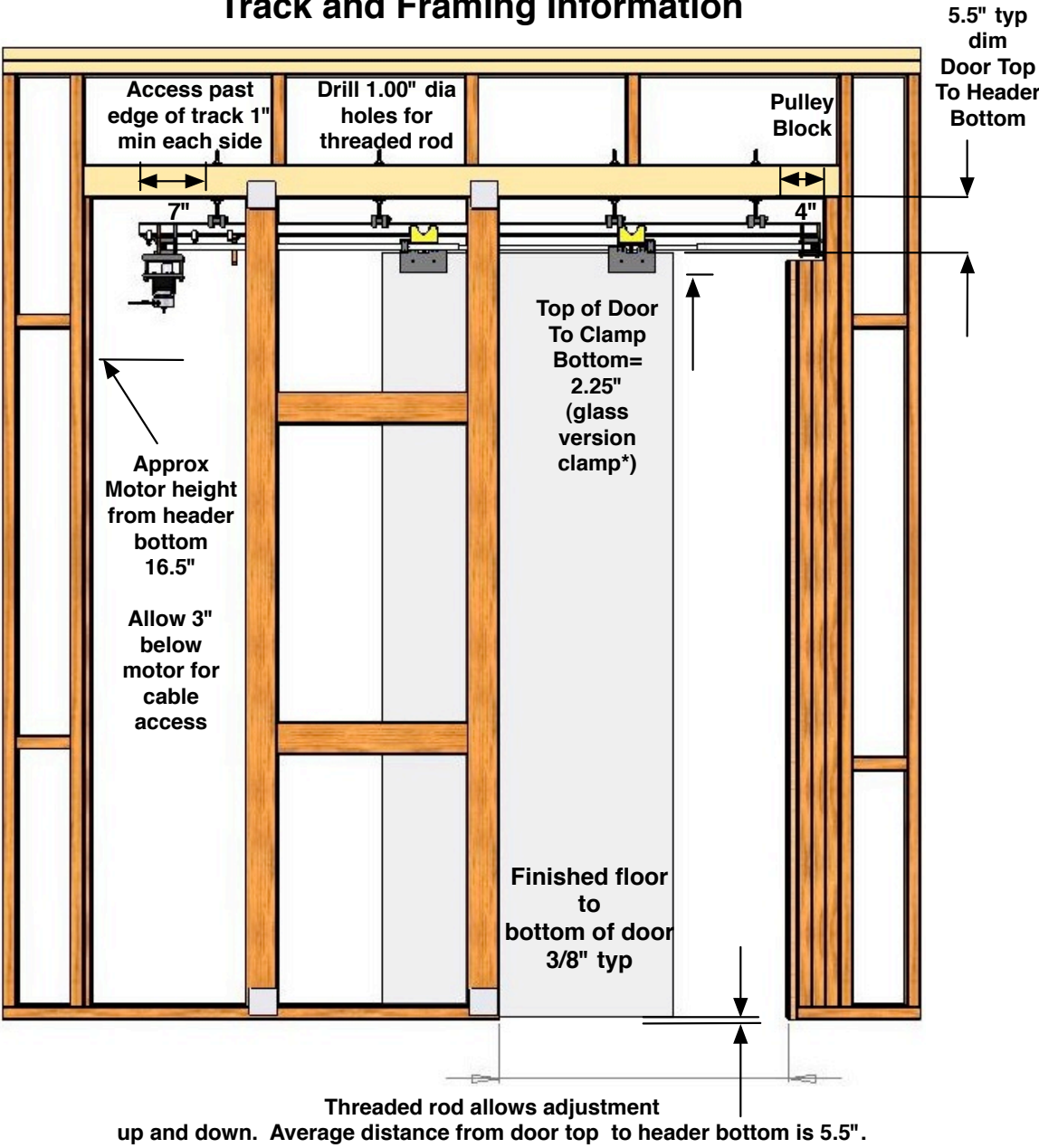
1. A belt driven motorized track system, utilizing a 24VDC Brushless DC Motor. The standard motor contains a 12.5:1 ratio gearbox that is attached to the motor. The track contains rollers that can support weights of up to 300 lbs per set of two rollers. In some cases an additional set of rollers may be used after some discussion about the design and application. The belt provided is a steel reinforced High Torque (HTD) type belt 15mm wide, 5m pitch.
2. A set of hanger brackets and threaded rods which is the means to attach the track system to a support header. Standard rod lengths is 9". The client is responsible for building an adequate support header.
3. A Master Controller that contains an LCD screen and buttons required to program the system. The Master Controller will include the cabling required to connect to the motor. The Master Controller has a 6' power cable that plugs into any standard 110VAC outlet, and draws less than 2' amps peak. It does not require a dedicated breaker, although it is suggested that no other large motors, compressors, fans, etc be on the same breaker.
4. Additional options for control may include the Dado LCD Touch Screen, Dado Keypad with Fingerprint Sensor, Dado Motion Sensor, as well as other third party pushbuttons and controls. Please contact Dado Door to discuss control options.

Information is provided online regarding the basic framing concepts and other related materials for the installation. No prior experience is required for installation.

Please visit [www.dadodoor.com](http://www.dadodoor.com) and view the DOWNLOADS section of the website for various PDF drawings. Further assistance can be provided by email or phone.

Below is an example of an installed track system.  
 All wood material shown is not included.  
 Wood construction shown for illustration only.

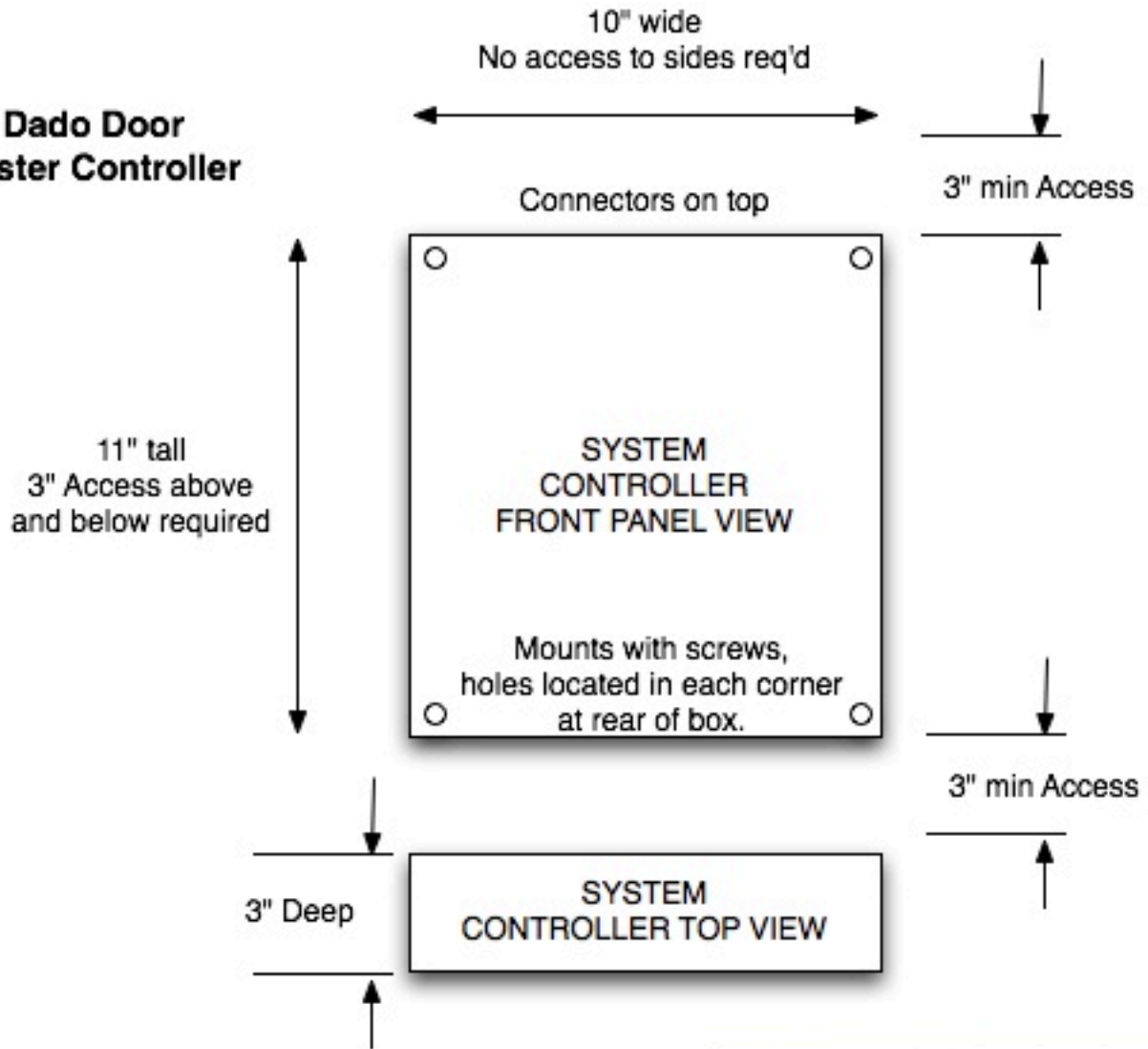
### Dado Automation Track and Framing Information



Framing is for illustration purposes only. Glass Clamp Version Shown. \*Wood Clamp mounts on top of door only.

Typical track size = (Actual Door Width \* 2) + 7" (motor) + 4" (pulley)

## Dado Door Master Controller



It is recommended to have a standard light switch to control the power to the system in the event of emergency and door needs to be manually opened.

System uses less than 3 amps max, use 5amp breaker or greater on lines with no other heavy appliances that have motors.

System uses 110/220 selectable power, with standard household 110AC plug (3prong)

Keep system at room temperature, located as close to motor as possible.

The Master Controller should have easy access.

