

ABSTRACT

In today's world, security, safety and convenience become more important. As the dependency on technology increases, people require the ability to think less about menial tasks and concentrate on other relevant issues. This type of demand can only be met by a system capable of quickly, accurately, and reliably interpreting the needs of the user and implementing appropriate actions self-sufficiently. The Mechanical Garage Door Opener System (MGDOS) will exploit the use of current technologies to provide such a system. The general concept behind is to implement a system where the user is no longer primarily responsible for determining the action, but instead a command module monitors the action the garage door needs to be performing and makes the appropriate adjustments.