

# ***DESIGN AND CONSTRUCTION OF REMOTE CONTROL BASED GRASS MOWER***

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## ***ABSTRACT***

*Grass is a monocot plant that has narrow, tapered leaves that grow from the base of the stem. With fast and uneven growth, it needs to be intensively cut on a regular basis so that the grass looks neat. Remote control lawn mower is a technology tool used to cut grass that is controlled remotely. Remote control. Remote control is an electronic device that is used to operate a machine remotely. This lawn mower remote uses a flysky remote with 2.4 GHZ radio wave communication. The cutter design uses two brushless blades to move each cutting blade and provides a wider cutting effect of about 28 cm of cutting range. The lawn mower is also able to provide good control with the data transmission process that is proven to have minimal errors. The control distance that can be produced is also quite good with a maximum range of 210 meters.*

***Keywords:*** grass, remote control, lawn mower