

# Angklung Technic Developing Model Tuts Piano Moved by Motor Electric System

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## ABSTRACT

*This research produces a set of angklung musical instruments that is able to develop the technique of playing angklung is not shaken by hand manually but just touch like piano keys. Angklung will be shaken with electric motor dynamo propeller drive.*

*The method used in this research using data collection, product design, design validation, design revision, art creation process, art creation revision, trial usage, staging angklung electric motor propellers and publications.*

*The results of this study are: (1) produce a angklung piano system with electric motor propeller drive, (2) produce engineering knowledge product design melodic melody combined with touch like keyboard, can produce melody and trinada / chords; (3) In this study there are as many as 20 tut piano models that can drive angklung melodies as much as 20 angklung melodies from f 'tone to c' " tone. The sound area of melodic tones of 20 melody tones is capable of singing songs, giving melodic filler fillings or accompanying chords by differentiating three notes at once; (4). Preparation of angklung products of piano keys system with electric motor drive can be processed to obtain intellectual property rights.*

**Keywords:** *Angklung piano system, electric motor, intellectual property.*

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