

Physical Test Conducted on 30-8-2022

Tuesday, 30 August 2022 9:22 pm

Purpose of Documentation:

To state the findings of a physical test.

Purpose of test: To conduct a physical test where the Dynapixel servos of different models are connected together.

The motors that were tested were; AX-12A and MX-64T

The motors were connected in a daisy chain method with the sequence of:

| | |
|-------------------|--------|
| Connection Source | CM_530 |
| 1 servo | AX-12A |
| 2 servo | MX-64T |
| 3 servo | AX-12A |

The connection was done and attached to a old leg to determine that it is able to work as required.

This was done with 3 pin molex connectors.

The software used to test out is RoboPlus and the function RoboPlus Motion is used.

Findings of Test:

The motors were able to be integrated together and controlled by the current controller. Although that, precautions need to be taken as the way the servos are attached would affect the values previously determined