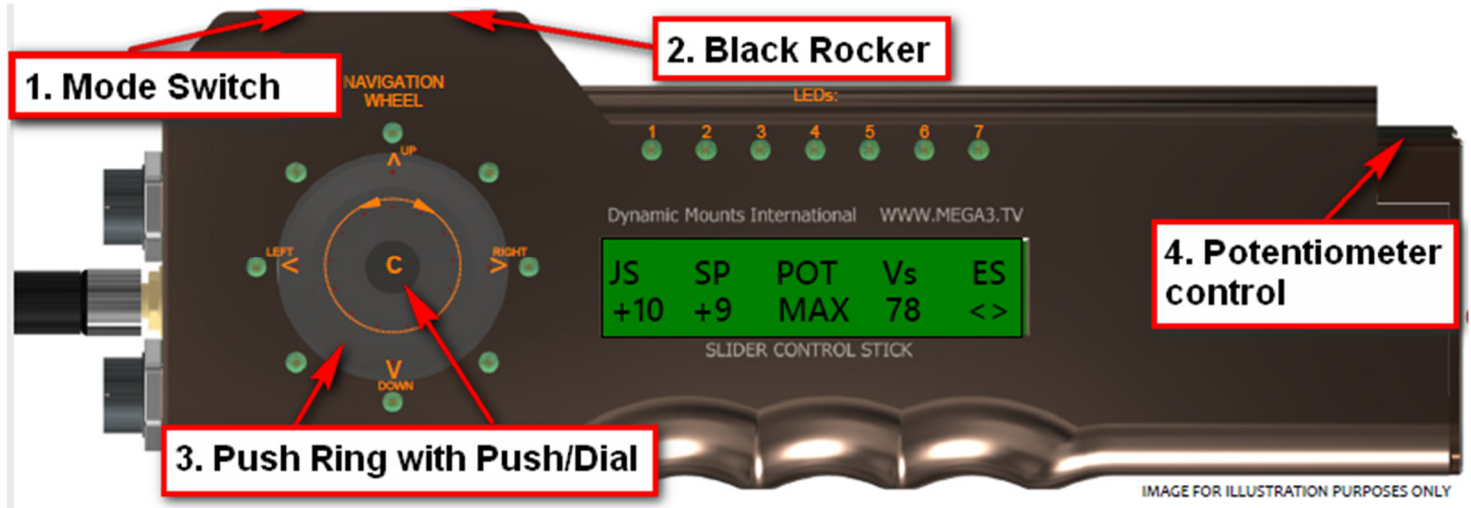


# DynaStick for TangoTED – Quick Reference Guide

On your DynaStick you have 4 controls:



1. The silver mode switch with 3 positions – “Off”, “Run” and “Program” (from left to right or up and down, respectively)
2. The black rocker to push down or up in order to move the TangoTED.
3. A push ring with contacts at 12 (^), 3 (>), 6 (v) and 9 (<) o’clock. Inside the push ring there is a push/dial for dialing clock- or counter-clockwise and a push down the middle.
4. A potentiometer control at the upper right side for speed restriction.  
It works in both switch positions “Run” and “Program”, so a change of speed is always possible by going up or down with the potentiometer (%read out underneath “POT”).

Switch on the DynaStick by setting the mode switch to the right (bottom) position (“Program” mode).

## End Stops...

At each start you should first set your end stops by moving the TangoTED to a desired end position of your sliding range. You move the unit by pushing the black rocker.

When you have reached the position of your first end stop you push the black ring at 12 o’clock. You will see that one of the two lines below the “ES” read out changes to an >or<. Now move the unit to the other end of the sliding range and press 12 again. Now both arrows either show >> or<<. This means both end stops are set, and you are obviously at the outmost position of your range and can now only move in one direction (indicated by the arrow). When you move away from this position the arrows below “ES” show <>, indicating that your end stops have been selected and you are free to travel in any direction.

## Ramps...

Have the mode switch still in the “Program” mode and browse through the program:

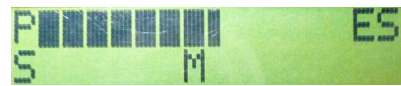
Press the center of the dial wheel twice.

```
Step <-+> 12
Decel v-+^ 10
```

Above reading is displayed which allows you to set the starting speed (Step) and the ending speed (Decel). The arrows indicate what to do, e.g. pushing the push ring at 3(>) makes “Step” rise – thus the unit accelerates/decelerates quicker – when not approaching end stops. “Decel” affects only the deceleration at the end stops.

### Store Positions / Shot Boxes...

Press the center of the dial wheel again and arrive at "Position Store"



Pushing the push ring at 12, 3, 6 and 9 o'clock you can now program up to 4 positions, e. g. if you push at 12 the 1<sup>st</sup> position is stored

and you see a display like such



Please note: you can call these positions if you set the mode switch to the center position - "Run" mode. Now press the push ring according to the set positions, e.g. if you press 12 the unit will go to the 1<sup>st</sup> position, at 3 to the 2<sup>nd</sup> etc.

### Loops / Demo mode...

Switch the mode switch to the center position - "Run" mode - and press the Push/Dial. You will see a sequence of displays:



The last screen for setup the loop mode stays on.

"MEM" indicates between which programmed positions the unit will move automatically. In above case ("MEM" "1-2") it means the unit moves back and forth between 2 stored positions. "MEM" is changed with < at 9.

"Loop" indicates how often this move sequence (i.e. 1-2, or 1-2-3 etc.) will be repeated. Important here, that you have an unlimited ( $\infty$ ) mode!

"Loop" is changed with ^v at 12 and 6 o'clock.

"Delay" indicates after how many seconds / minutes the unit should start moving again. "Delay" is changed with the dial.

After setting all parameters you start the loop move by pushing > at 3.

Acceleration (< or >) and deceleration (^ or v) can be changed whilst the loop mode is running to allow you to adjust the motion curve.

By moving the mode switch or pushing the center of the push/dial, you will stop the loop program.

### Speed...

There are 2 ways of setting the speed:

The potentiometer (POT) can always be changed – regardless whether you are in the "Run" or "Program" mode.

The Speed "SP" can only be set in the "Program" mode. Please note that you can reverse the direction of the movement by going into negative "SP" values, such as -3. This becomes important when you work undersling.

**Please note: This quick reference is meant to give you a quick overview of what you can do and how you can do it with TED.**

**For a more explicit manual please refer to the DynaStick User Manual of DMI at [www.mega3.tv](http://www.mega3.tv)**