

## Winch 1 - Cheat Sheet

<b>MODE functions:</b>	
MODE 1	Positioning with auto TOP reset.
MODE 2.	Positioning with manual top reset ( factory setting )
MODE 7	Manual run up (no DMX needed).
MODE 8	Manual run down (no DMX needed).
MODE 3, 4, 5, 6	Only if specified, otherwise the motor stops.
<b>DMX channels:</b>	
DMX channel 1	Position rough. (Hi of a 16 bit DMX channel).
DMX channel 2	Position fine. (Lo of a 16 bit DMX channel).
DMX channel 3	Max speed.
DMX channel 4	Max travel top.
DMX channel 5	Max travel bottom.
DMX channel 6	Find TOP position, moving UP
DMX channel 7	Moving DOWN

## How to get started.

- 1: Place / Rig the winch in something high with minimum 2-3 meter below.
- 2: Put on counterweight on the winch hock, 1 kg.
- 3: Set the DMX start address to 001, and the MODE to 2.
- 4: Apply DMX from a Lighting desk, best is a desk with manual faders.  
Make sure that your 7 channels are patched from DMX channel 1 to 7.  
Pull all channels to 0%
- 5: Apply power to the winch.  
**DMX lamp should be lit, and the mode lamp should be flashing.**
- 6: Pull channel 6 to 20 % -- the winch starts pulling the wire  
Stop (pull channel 6 to 0%) when the wire is at the top position (pulled into the winch)  
**NOW the winch has found its TOP position and is ready to drive with position control.**
- 7: Pull channel 1 (position) to 95 %  
Pull channel 3 (speed) to 20%  
**Now the winch start to move down, with 20% speed, to a position the is 95% up.**
- 8: Pull channel 1 (position) to 80%  
**Now the winch starts to move down, with 20% speed, to a position that is 80% up.**
- 9: Pull channel 1 (position) to 90 %  
Pull channel 3 (speed) to 50%  
**The Winch starts to move UP again, with 50% speed, and stops 1 meter before the top.**

