

DMX Motor Unit - Cheat Sheet

MODE	Functions	DMX ch.	Function
1	Positioning with slow ramp	1	Position rough (Hi of a 16 bit DMX channel)
2	Positioning with medium ramp	2	Position fine (Lo of a 16 bit DMX channel)
3	Positioning with fast ramp	3	Set the maximum speed
4	Positioning with slow ramp limits active	4	60-65% <i>Save soft limits</i> Enabled
5	Positioning with medium ramp limits active		Else <i>Save soft limits</i> Disabled
6	Positioning with fast ramp limits active	5	Find TOP limit, moving up
0,7,8,9	Neutral function - motor stops	6	Set soft BOTTOM limit



Before each use

- Inspect the **DMX Motor Unit** for damage, wear, corrosion or abuse.
- Inspect the **attachment** for damage, wear, corrosion or abuse and secure the attachment is safely attached and maximum torque load of 2.75 Nm.
- Check all limit switches.
- Check that the **DMX Motor Unit** is securely mounted according to the user manual.

Warning! Do not use the DMX Motor Unit if any damage or error is found!

How to get started

1. Mount you desired load on the DMX Motor Unit
2. Apply DMX from a lighting desk, best is a desk with manual faders.
3. Make sure that your six channels are patched from DMX channel 1 to 6.
4. Pull all channels on to 0%
5. Apply power to the DMX motor unit and set the address to 001 and the mode to 1 - DMX lamp should be lit.
6. Set DMX channel 4 to 63% - **This enables the saving of soft TOP and BOTTOM limits.**
7. Pull channel 5 to 20 % -- the DMX motor unit starts moving up.
Stop the DMX motor unit (pull channel 5 to 0%) when the desired TOP limit is reached.
8. Pull channel 6 to 20 % -- the DMX motor unit starts moving down.
9. Stop the DMX motor unit (pull channel 6 to 0%) when the desired BOTTOM limit is reached.
10. Pull channel 1 (position) to 75 %
11. Pull channel 3 (speed) to 50% - The DMX motor unit start to move up, with 50% speed, to a position that is 75% up.
12. Pull channel 1 (position) to 25% - The DMX motor unit starts to move down, with 50% speed, to a position that is 25% up.

Green LED indicators:

LED next to the DMX-selectors.

Glows constant: DMX connection is correct.

Flash: DMX signal is missing.

LED next to the DMX-selectors.

Fast flashing: The motor unit needs to be reset, before it can be used.

Slow flashing: The motor unit is moving towards the set position

Steady light: The set position has been reached and the motor stopped.

Tech specs:

Rotation speed: 6-60 rpm

Max. torque load: 2.75 Nm