

Using Buttons to Run a Preset

Presets assigned to MECHA's buttons

Press **1**, then, quickly, **◀** or **▶**. Similarly for **2** and **3**.

Preset name preceded by a preset power code

Enter the *preset power code*, then press **◀** or **▶**. Ex: to run **01 MyPreset**, press **0** (to enter zero), then **1**, then **◀** or **▶**.

MECHA's Simple Scripting – MSS

Enter the **focal length** (10mm to 200mm) in the **Shoots** field, on **Row** page, and MECHA will produce the appropriate script, or preset, for that focal length, for **Level** position. Tap the **[LEFT]** or **[RIGHT]** button to run the preset. Save this preset for future use.

Automatic Shooting Pattern

For rectilinear lens from 10 to 200 mm (FF equiv).

- Position the vertical rail in **Level** position.
- Place a sheet of paper in front of MECHA to fill the frame.
- Set the camera and lens as for shooting the actual panorama.
- Enter the code **31<** on MECHA (MECHA-H, in case of DAC) and when **0** starts flashing:
 - Press **0** to trigger the camera.
 - Press again **0** after the camera was triggered.
- While MECHA rotates slowly to the right, press **0** right after the sheet of paper is out of the camera's frame.
- While MECHA tilts down slowly, press again **0** when the sheet of paper is out of the camera's view.
- Press **1**, **2**, or **3** when the LEDs 1, 2 and 3 – under the battery symbol – start flashing, to assign the computed preset to that particular button. To cancel, press **0** instead.

zLM2 – Automatic Pairing Using Two Buttons

- Power on only the horizontal MECHA and, at splitting lights, press **1** for 3 seconds (until multiple beeps are heard).
- Let the horizontal MECHA running, then power on the other MECHA and, at splitting lights, press **2** for 3 seconds (until multiple beeps are heard).

On successful pairing, MECHA-H has the middle LED on, and MECHA-V has the two middle LEDs on. Otherwise, power off and on both MECHAs again, preferably MECHA-H first.

If a **red** LED is lit on MECHA-V, this indicates that it is not the same firmware version in both units, and it is recommended to update it.



Enter codes when MECHA is idle. Before pressing the last button, check the entered sequence on LEDs. Short-press **0** to cancel, and enter the code again, if necessary.

Codes to Rotate to Level, Parked, Raised

- >1, <1** a 45° rotation to the right and to the left, respectively.
- >2, <2** a 90° rotation, e.g. to go from **Parked** to **Level**, and back.
- >3, <3** a 180° rotation, e.g. to go from **Parked** to **Raised**, and back. Enter **>2, <2, >3, and <3** on MECHA-V. You can set other values, and also the speed, on **Configuration** page, in **Arrow buttons interval...** fields.

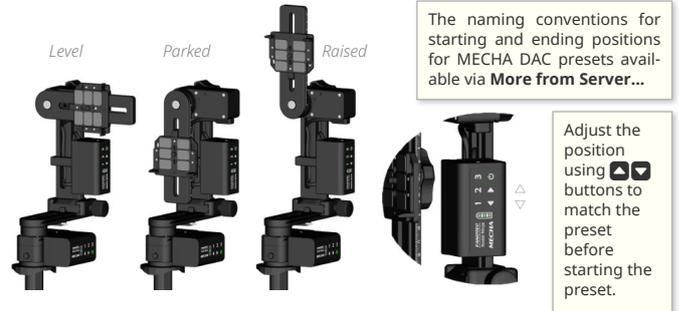
Codes to Set the Rotator Model

23131< to set **E1** / **23132<** to set **E2** / **23121<** to set **P1**.

Codes to Test Single MECHA

131<, 131> and **132<, 132>** for 6 / 12 shots around.

Codes to Test DAC – Dual Axis Combo



Enter the following codes on MECHA-H to execute a panorama to the left or right, 12 shots around, 3 rows – at 0, +/- 45 degrees – plus zenith and nadir:

- 1313<, 1313>** for **Level** position.
- 1312<, 1312>** for **Parked** position.
- 1321<, 1313>** for **Raised** position.

When MECHA units are paired, the camera can be connected to any of them.

Other Codes

- 21<** toggles the *Pause Mode*.
- 23<** disables / enables the motor's movement.
- 232<** disables / enables all LEDs, useful during night photography.
- 321<** shows the last part of the IP address (**323<**, full).
- 3212<** shows the firmware version.
- 13<** shows the battery percentage.
- 231<** turns everything OFF, for faster battery charge.
- 2313<** changes the sense of rotation when done using the **◀** and **▶** buttons.
- 12321<** for backlash compensation calibration.

For more information, please see MECHA User's Guide: <https://www.nodalninja.com/Manuals/mecha.pdf>

For support and troubleshooting, please visit our forum: <https://forum.nodalninja.com/>



MECHA ACCESS POINT IP
http://192.168.8.1/

MECHA
SSID
Sticker

Developed and manufactured by **Fanotec International Limited**.
<https://www.fanotec.com>

MY NOTES: