

Setup Guide

for use of XL Motion Controller with Panapod / Autopod+

Version 1.0

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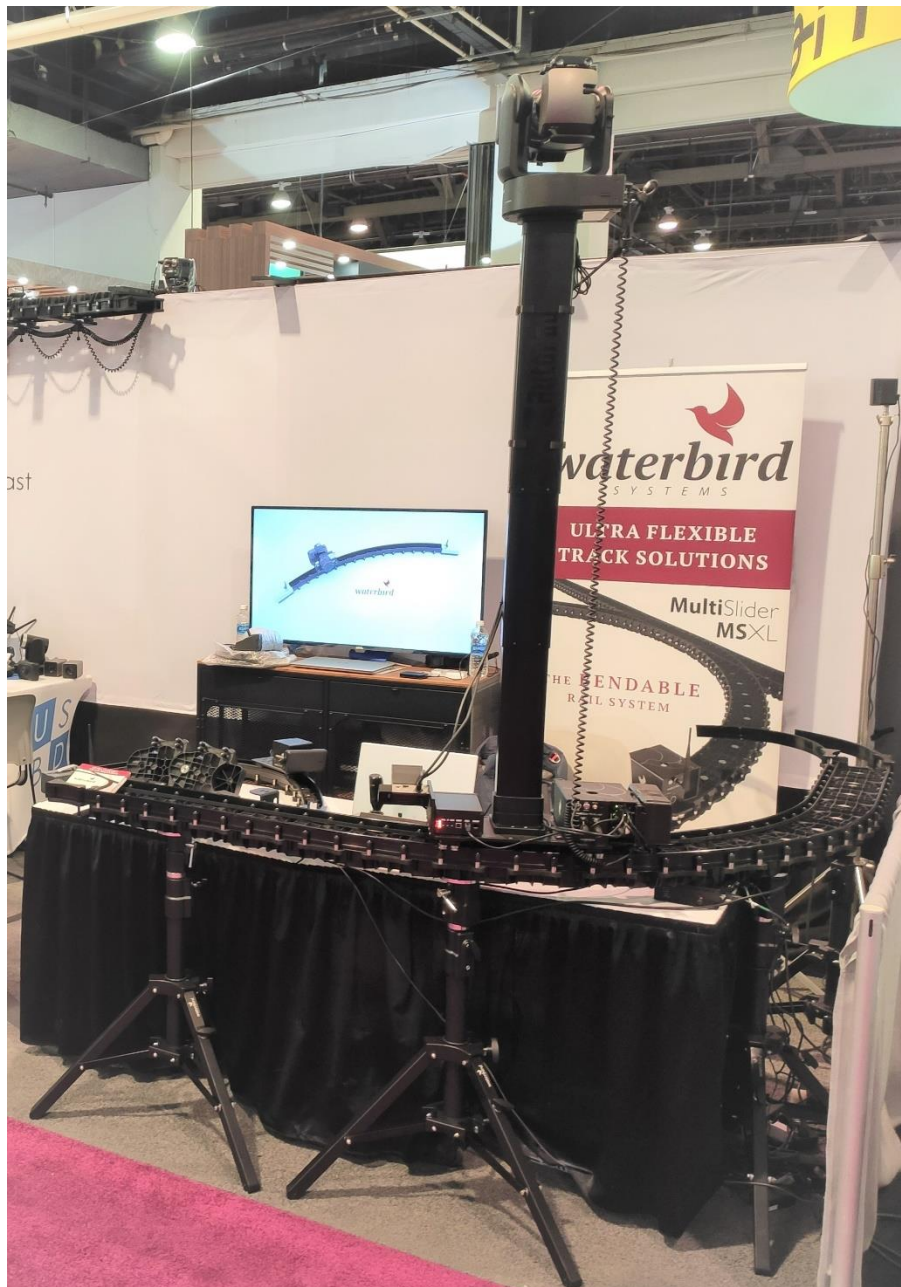
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1. Introduction

The XL Motion Controller is capable of being controlling an Panapod / Autopod+ to allow vertical movements when mounted on the carriage dolly from Firmware Version 940 and later.

Before setup the System, make sure the Panapod License Option is activated in your XL Motion Controller.

This can be checked via Config Tool or Motion Control Software. Also, the activation code can be entered via the Config Tool or Motion Control Software. Check Chapter “Control via Ethernet” in the XL Motion Controller Manual that can be found here: <https://waterbird.at/support/>



2. Setup

2.1 Needed Material

For installing the Setup the following material is needed:

- Waterbird Multislider XL with XL Motion Controller v2 equipped and with Panapod Licence option activated.
- Panapod or Autopod+ Leg controller
- Panapod or Autopod+ Leg
- Waterbird Panapod Cable Set
- If older version of MS XL is used Panapod adapter plate is required

2.2 Setup

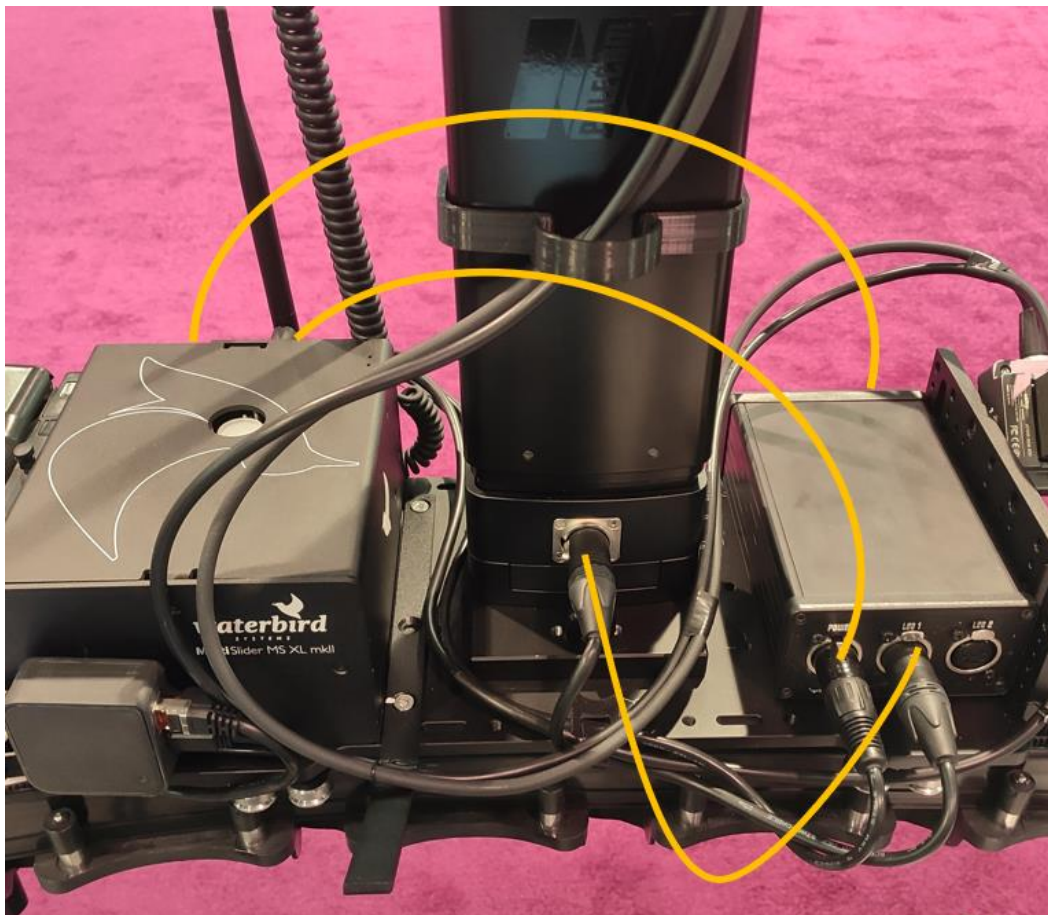
- 1) Mount the Panapod/Autopod+ Leg on the slider carriage. For older Models of the MS XL an adapter plate is needed, for newer models the Panapod/Autopod+ mounting plate can be directly screwed to the dolly.
- 2) Switch off power to the dolly is not already done. Remove Battery if attached.
- 3) Install cables from the Waterbird Panapod Cable Set as described below.

NEVER USE OTHER 4-pin XLR CABLE THAN INCLUDED IN THE WATERBIRD PANAPOD CABLE KIT. ALSO NO OTHER WATERBIRD 4-pin XLR CABLE !!!

This would damage the XL Motion Controller and void the warranty.

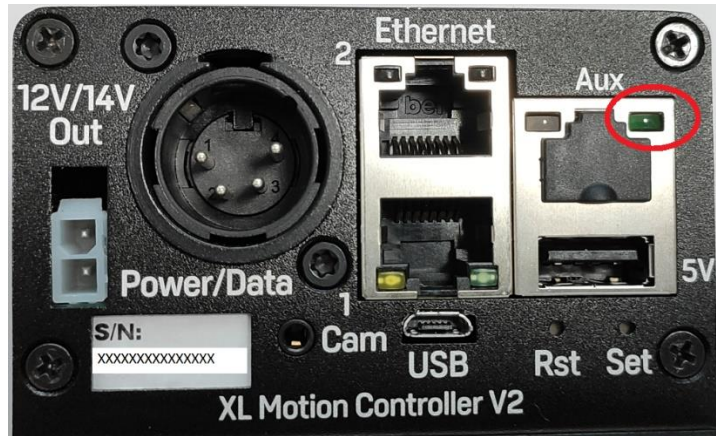
- A) Use 6-pin XLR cable from Waterbird Panapod Cable Kit to connect Panapod/Autopod+ Leg to Leg Controller Port “LEG 1”
- B) Use 4-pin XLR cable from Waterbird Panapod Cable Kit to connect Panapod/Autopod+ Leg to Leg Controller Port “POWER” to Carriage “Power/Data out” Port.
- C) Remove dust cap from “Aux” Port of XL Motion Controller
- D) Use RJ45 Patchcable from Waterbird Panapod Cable Kit to connect XL Motion Controller “Aux” Port to Leg Controller Port “SERIAL”.

Be careful **not** to use the Ethernet Ports on the devices.



- 4) Switch on power to the dolly.

If Panapod/Autopod+ Leg controller is detected correctly, the right LED of the “Aux” Port of the XL Motion Controller will be steady green.



3. Operation

After Setup the Panapod/Autpod+ can be controlled like the Slider from the MS Phoenix controller or via Ethernet from different PTZ Consoles (Licences required, see Manuals of Setups for PTZ Consoles).

3.1 Initialisation

Before operation the Panapod/Autpod+ needs to be referenced via a reference run after each power cycle.

When starting the init run of the Slider also the init run of the Panapod/Autopod+ is triggered automatic.

Wait till the init run is complete before operating the slider and the Panapod/Autopod+.

3.2 Operation

The Panapod/Autpod+ is acting as the Tilt axis and can be controlled via the Joystick vertical axis from the MS Phoenix Controller or PTZ Consoles while the Slider movement is possible via the horizontal axis of the Joystick.



3.3 Preset Positions

The XL Motion Controller allows to simultaneously save, recalling and deleting of preset positions of the slider, the PTZ camera and the Panapod/Autpod+. This allows to exactly save positions in all axes for later recalling.

For info how to save/recall/delete presets please refer to the manual on the input device you are using (e.g. MS Phoenix, Panasonic® PTZ,..)