



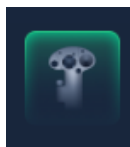
Moza AB9 to Winwing Grip Extension

1. Connect the Winwing grip to the extension as you would when connecting the grip to a Winwing base, carefully lining up the notches on the plug with the socket. Refer to the [Winwing user manual](#) if you are unsure.

Note: The use of the supplied rubber washer is not necessary for the newer WW 'Ace' grips with the locating ridges on the base on the interface but recommended and required for the older flat interfaced grips.

2. Connect the extension to the Moza Base as you would any standard 5 pin grip.
3. Open Moza Cockpit and check the version of software and firmware for suitability.
 - a. The Moza Cockpit software should be v1.0.3.30 or later.
 - b. The AB9 base firmware should be 1.1.1.30 or later – Please refer to Moza for instructions on updating both if needed.

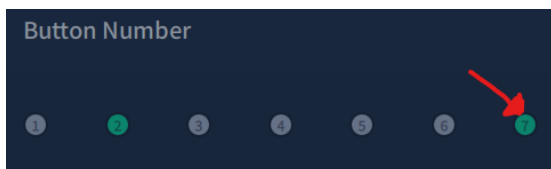
4. Open the Grip page of Moza cockpit



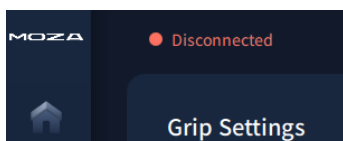
- a. Choose WW-16 option under the Grip Settings > Grip Type Select



- b. Press a few buttons and notice the corresponding numbers light up to the right in the Button Number panel (they turn from grey to faint green, hard to see in the wrong circumstances. Look at number 7, it should be already lit for the WW F16 grip.

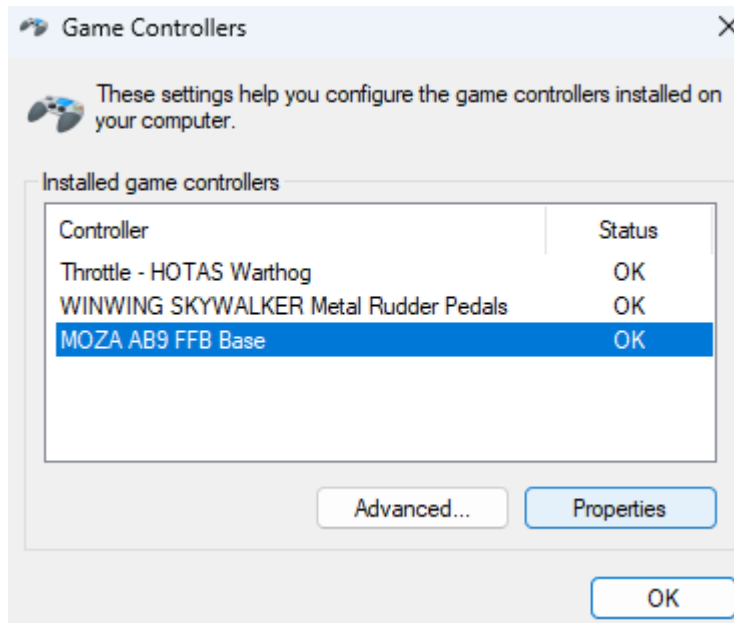


NOTE: You may notice that the grip shows as **Disconnected**. This is **normal**, but do not worry, if the numbers lit up in the previous step, then the grip is working as expected.



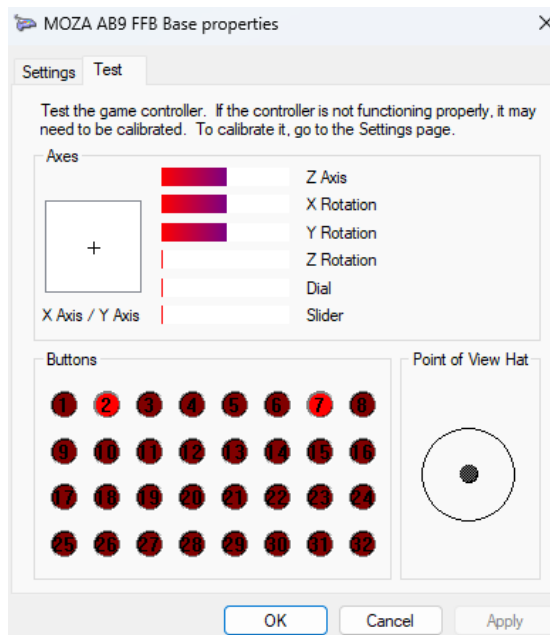
5. To verify grip function:
 - i. Open the Game Controllers Control Panel applet in windows

- ii. highlight the Moza AB9 FFB Base (you may see 2, only 1 of them works)



- iii. click on properties, the properties window opens

- iv. click on the test tab at the top



- v. test your buttons and axis (note the WW F16EX grip has many more inputs than can be recognised in this applet, but as long as the slider works and most of the buttons light up, the grip is working as expected).
- vi. You should be able to map the buttons and axis' in your sim/game as normal.

IMPORTANT NOTE: The grip showing as disconnected is a software/firmware bug and not the fault of the extension. It is present in most situations, software versions and firmware versions to date and also present whilst using the official Moza Flight Adapter itself.

If you require further support, please use the [contact form on our website](#), or email us directly support@qr4rigs.com, we will be more than happy to help you.