

MōVI PRO

v1.1 BETA Release

January 2017

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RELEASE NOTES

MIMIC

- » **New Feature:** Gamepad Mode
- » **New Feature:** FIZ Control
- » **New Feature:** Charging indicator via LED when MIMIC is off and via battery icon Monitor screen when MIMIC is on.
- » **New Feature:** Display will now dim after 30 seconds, which will improve runtime significantly. This won't affect any functionality and pressing any button will take it back to full brightness.
- » **New Feature:** Logging without GPS
- » **New Feature:** Travel/shipping mode. Activate by pressing and holding all four user buttons while powering off MIMIC. Deactivate by plugging MIMIC into charger.
- » **New Feature:** Generalized ability to start stop record. Previously it was only compatible with RED RCP.
- » **Bugfix:** Channel 0 is now indicated as "OFF"
- » **Bugfix:** MIMIC orientation setting is fixed. MIMIC can be mounted vertical or horizontal on tilt axis and this setting can be set via iOS or Android help. This helps for applications such as mounting MIMIC flat on a fluid head.

GCU (GIMBAL CONTROL UNIT)

- » **New Feature:** Sleep mode via pressing power button from main screens. This will put motors into paused state and turn off screen. It won't cut power on any ports. Interaction is conveniently made to be double tapping power button, matching kill command behavior on MIMIC Beta.
- » **New Feature:** Dual Op/Mimic transitions are now smooth. No more guessing which orientation would match without hitting handlebars. Additionally this allows for switching between majestic and dual modes for complex shots.

- » **New Feature:** RED Controls added to GCU screen
- » **New Feature:** Signal strength indicator for MIMIC. Additionally Radio will report "good" even when MIMIC is in off mode but still powered on and transmitting.
- » **New Feature:** Hacc added to Monitor>Details screen
- » **New Feature:** Soft-start capability for GCU D-Tap - improves compatibility with some 12v accy
- » **New Feature:** Allow for Majestic Tilt when MōVI Controller is on and mode switch is set to Majestic
- » **New Feature:** Support for FIZ and Gamepad controls via MIMIC
- » **New Feature:** Larger battery indicators on MōVI Pro screen to make it easier to observe levels from distance.
- » **New Feature:** Critical battery warning on screen to get attention to hot swap batteries.
- » **New Feature:** Default config stiffness values are set to 10
- » **New Feature:** Support for kill functionality via MIMIC Beta
- » **New Feature:** Requirement for GPS to initiate logging is removed. Logs are stored to an "undated" folder on a rolling basis if GPS date is not available when starting.
- » **Bugfix:** Dual MōVI Controller combination, where MōVI Controller on COM1 would lose FIZ control as soon as COM2 is active.
- » **Bugfix:** Handheld and airborne mode flips axis
- » **Bugfix:** Channel 0 is now indicated as "OFF"
- » **Bugfix:** Run/stop command from MōVI Controller was causing momentary loss of input.
- » **Bugfix:** Manual Tuning Screen wasn't updating until a tuning value is selected.
- » **Bugfix:** Max current limits are increased to provide more torque.
- » **Bugfix:** Target mode
- » **Bugfix:** CPU utilization estimate.

TSU (TILT STAGE UNIT)

- » **New Feature:** Support for FIZ Controls via MIMIC
- » **Bugfix:** Fix for a problem where starting auto calibration of FIZ via MōVI Controller would not complete and prevent users from controlling the axis.
- » **Bugfix:** RS485 fixes

IOS & ANDROID APP

- » **New Feature:** Monitor section now includes Updates screen. Connect to your MōVI Pro or MIMIC and tap update to get all the latest features, improvements and bugfixes.
- » **New Feature:** RSSI indicators in connection screen.**
- » **New Feature:** Codebase is updated to support iOS 10.**
- » Various bugfixes
- » **iOS only

GAMEPAD MODE

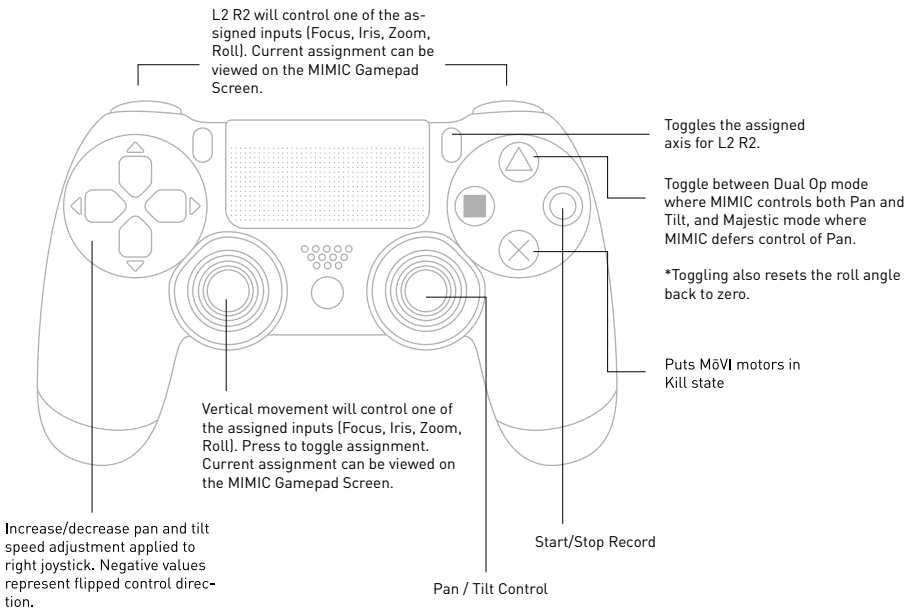
Introduced with Firmware v1.1, MIMIC's new Gamepad interface allows the user to control the M6VI Pro via DualShock 4 controller. To enable the feature, connect DualShock to MIMIC via USB (C to micro B) cable, navigate to Gamepad screen on the MIMIC and press TURN ON.

MIMIC's Gamepad screen will display key variables such as axis assigned to L2/R2 buttons and current tilt speed adjustment value.

NOTE

When Gamepad mode is ON, DualShock controller will charge itself from MIMIC's internal battery. It is recommended to turn the mode OFF when not in use to save power.

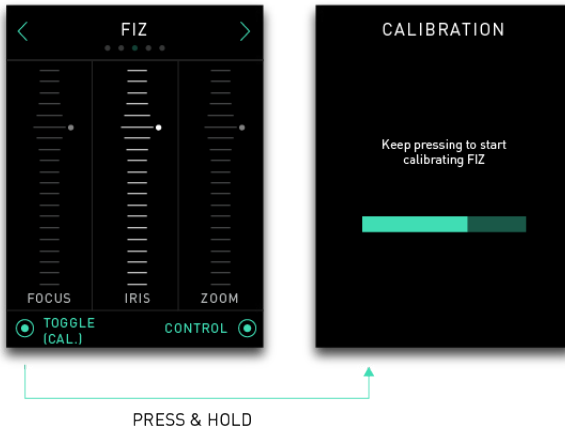
CONTROL ASSIGNMENTS



FIZ VIA MIMIC

Introduced with Firmware v1.1, MIMIC's new FIZ interface allows users to control FIZ motors connected on MōVI Pro's TSU or lenses that have internal motors via RED RCP.

FIZ on MIMIC can be manipulated by gestures, or via DualShock 4 with Gamepad mode enabled.



Standalone: In standalone mode, pressing bottom left button in FIZ screen will toggle the axis MIMIC is controlling. Pressing the bottom right button will begin making adjustments to the axis value via MIMIC gestures and stop when button is released. Pressing and holding the bottom left button will start auto calibration process for FIZ.

Via Gamepad: When Gamepad mode is enabled, FIZ will be controlled via gamepad instead. Setup left joystick and/or L2R2 assignments to FIZ axis as explained in gamepad mode section. Start auto calibration by pressing the Calibrate button in FIZ screen.

Multi Controller: New FIZ feature supports multi controller network. This means that MōVI Controller can for instance be setup to control Focus, Zoom and Orientation, while MIMIC controls Iris. To get into this kind of configuration, all you have to do is to setup your MōVI Controller and MIMIC as usual. MIMIC gets priority over MōVI Controller, so any axis active on MIMIC will be controlling MōVI/ FIZ and everything else.



Fig. Example Multi Controller Setup