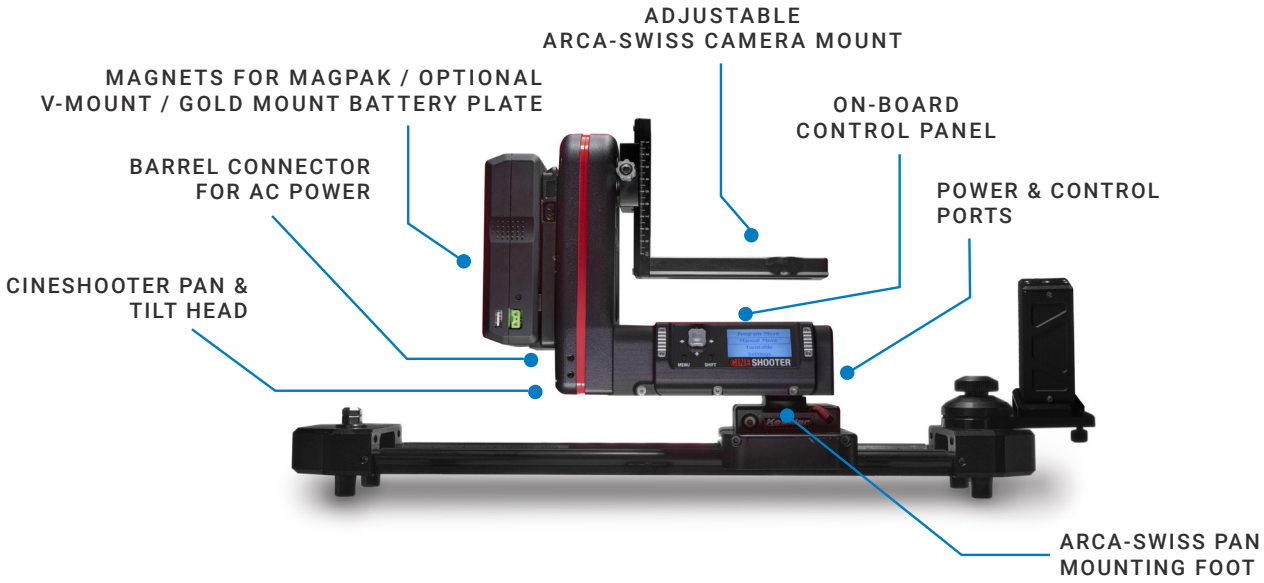
SETUP & CONFIGURATION
CINESHOOTER PAN & TILT HEAD

QUICK START

This guide is intended to provide a quick overview of the main components of the CineShooter system to get you shooting as quickly as possible.

For a more in-depth look at how to run and operate the specific features of the CineShooter, please see the full manual available at ***kesslercrane.com/support***.

3-AXIS SETUP



*System shown with optional slider, slide axis motor, and Kwik Release Receiver.
For additional Axis setup information, visit support.kesslercrane.com

NOTE: This system is regularly maintained with firmware updates. It is recommended that users verify they are running the most current version of firmware before operating the CineShooter system for the first time.

Firmware can be downloaded and installed wirelessly via the CineShooter Remote mobile companion app, or it can be downloaded manually at ***kesslercrane.com/support*** and installed via the USB-C port located on the end of the Pan & Tilt Head.

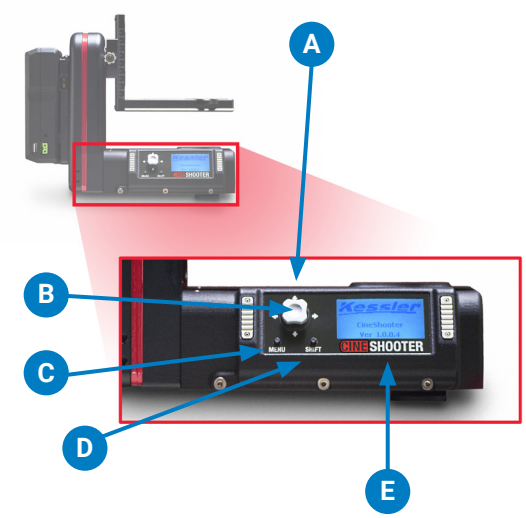
FOR BEST PERFORMANCE

- Be mindful of the center of gravity and front-to-back camera balance on Pan/Tilt Head.
- We advise users not to exceed a 15 lb. camera payload without the Heavy Duty Support Module installed. A heavier payload may cause performance issues, system errors, or damage the CineShooter head.
- If using CineShooter with a Stealth Slider or Pocket Dolly, do not exceed a total payload of 15 lbs. (including weight of CineShooter head).
- If using CineShooter with a Shuttle Pod or Shuttle Pod Mini for vertical slides, Do not exceed a total payload of 10 lbs. (including weight of CineShooter head)
- Do not exceed 6' CAT5 cable length to any axis (CAT6/CAT7 are also compatible).

CONTROL, PORTS & POWER
CINESHOOTER PAN & TILT HEAD

QUICK START

ON-BOARD CONTROLS



A ***Directional Joystick***

For on-board programming and control, the directional joystick can be used to navigate through the menu system, and also control the Left/Right movement of the Slider motor, Left/Right movement of the pan motor, the Up/Down movement of the tilt motor, spin Left/Right if using a turntable, or rotate Left/Right if using a FIZ motor.

B ***Enter/Select Button***

Click the joystick to hit "enter" and make selections within the menu.

C ***Menu Button***

Navigate backwards to the previous menu page, or to return to the main menu

D ***Shift Button***

When used in conjunction with other buttons, this button allows for secondary controls, and secondary axes when utilizing motors driven through a bridged Second Shooter/Plus/Pro controller or wireless 2-axis expansion module.

Shift+ Directional arrows increases speed during set to allow moves to be programed faster. (NOTE: The head defaults to Quiet Mode. This option is only available when Quiet Mode is disabled.)

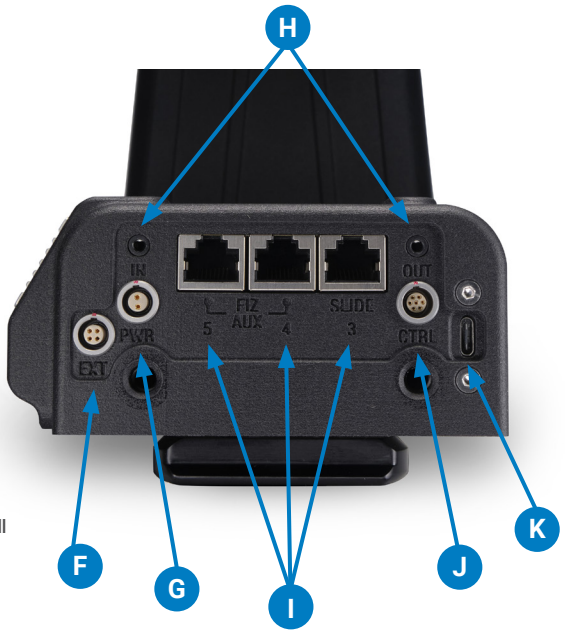
Double click Shift to cycle through axes.

Shift toggles backlight on/off during time lapse move.

E ***Backlit Display Screen***

Easy-to-navigate display screen that permits onboard programming and operaiton

PORTS & POWER



F ***EXT Port***

This is the CANbus port, and is for wired bridging with accessories such as a Second Shooter Pro/Plus controller, and other control devices.

G ***PWR Port***

This is an industry-standard 2-pin Lemo power port, and is compatible with AC wall power, as well as a wide variety of third-party power solutions that use Pin-1 GND.

H ***I/O Ports***

Used to trigger cameras (with corresponding trigger cable), and connect external intervalometers and bulb-ramping devices, such as Ramper Pro.

I ***CAT5 Axis Ports***

Allows for the CineShooter head to control up to 3 additional external motor axes (typically Slide, FIZ, or Turntable), or any other combination of motors available. Each axis connects to corresponding port via provided CAT5 cable.

J ***CTRL Port***

This is for I2C and UART support, and allows CineShooter to communicate with Dragonframe software, as well as hardwired ethernet for remote control via our dedicated web server.

K ***USB-C Port***

The USB-C Port is for hardwiring the system for use through Kessler kOS software, as well as hardwire option for firmware updates (firmware can also be wirelessly updated via the mobile app as well).

Don't forget to download ***CineShooter Remote*** mobile companion app— the easiest way to operate and keep your CineShooter firmware up to date.

Kessler