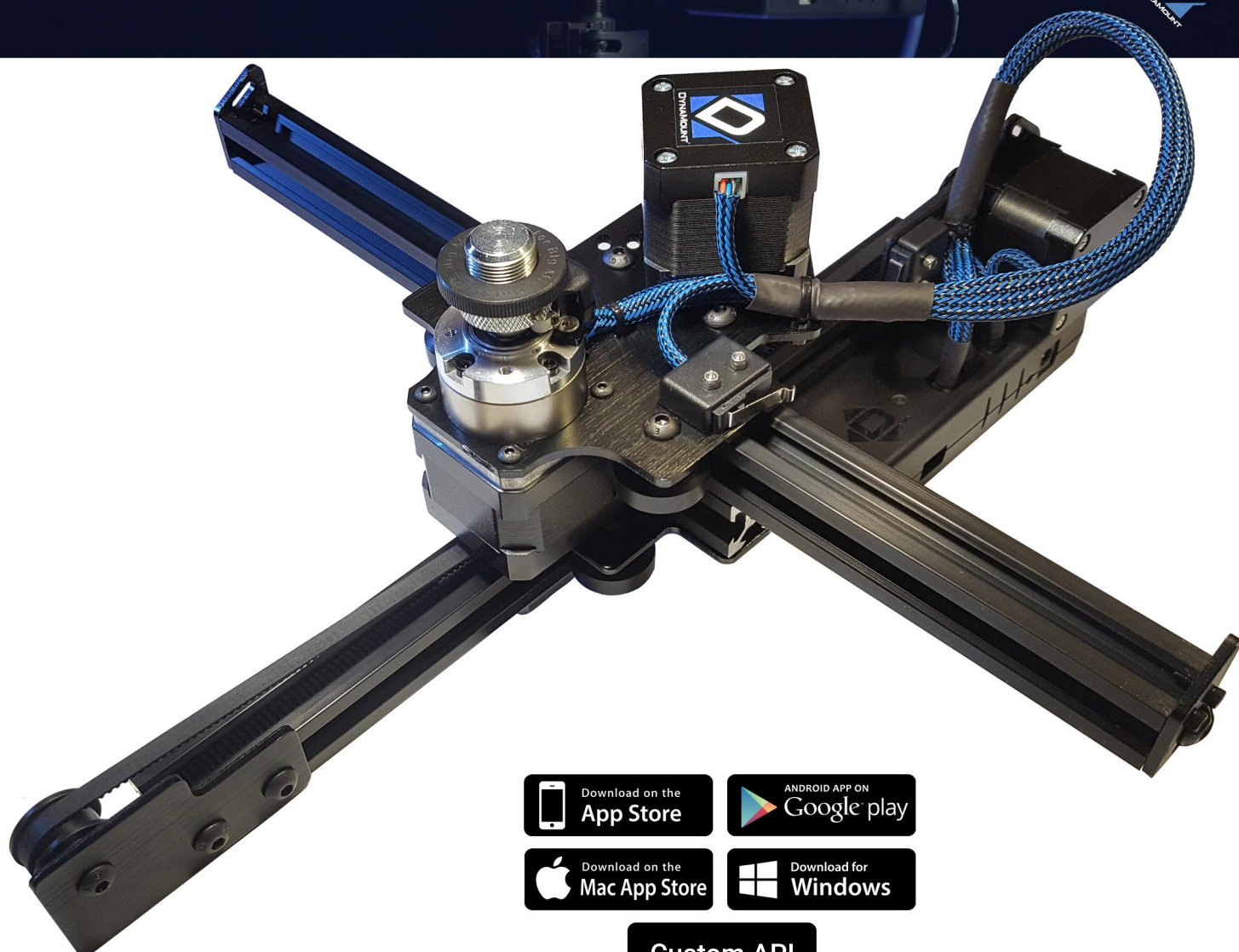


# X2-R

## SERIES



Custom API

**GEN2**  
**Robotic  
Microphone  
Mounts**

**DYNAMOUNT®**

[sales@dynamount.com](mailto:sales@dynamount.com)



# Model Comparison Chart



	NEW! GEN2			GEN1			
	X2-R	X2-R MICRO	V2-R	X1-R	X1	V1-R	V1
Range of Motion	8.3" x 5.5" x 360°	6.0" x 3.5" x 360°	6.25" x 360°	6.25" x 5.3" x 360°	6.25" x 5.3"	6.25" x 360°	6.25"
Footprint	13.3" x 14.75"	11.0" x 12.75"	14.75" x 4.25"	14.75" x 14.75"	14.75" x 14.75"	14.75" x 4.25"	14.75" x 4.25"
Ethernet	✓	✓	✓				
Wi-Fi	✓	✓	✓	✓	✓	✓	✓
USB	✓	✓	✓	✓	✓	✓	✓
Power Over Ethernet (PoE)		✓					
Dual-Axis Rails	✓	✓		✓	✓		
Mic Rotation	✓	✓	✓	✓		✓	
Ultra-Quiet Motions	✓	✓	✓				
Real-Time Steering	✓	✓	✓				
Fits Inside "Box of Doom" Iso-Cabs		✓					
Z-Axis Accessory Compatible	✓	✓	✓				
Capsule-Lock Accessory Compatible	✓	✓	✓	✓		✓	
Free Apps! (Desktop & Mobile)	✓	✓	✓	✓	✓	✓	✓
Available In Custom Sizes	✓	✓	✓				



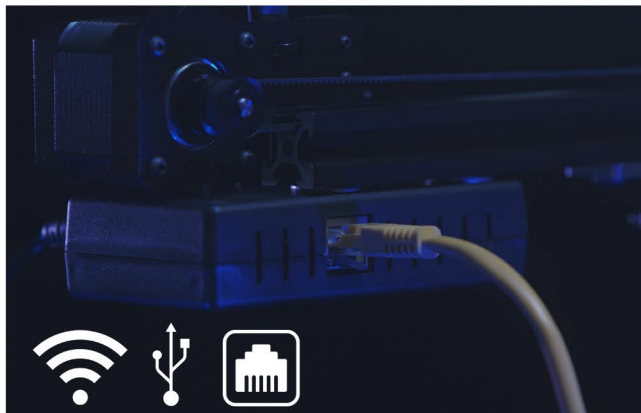


# What makes the X2-R Series Better?

## Ultra-Quiet Drive

Silky and quiet motions prevent any distractions while you experiment with positions. Dramatically quieter than gen1 models.

So smooth it can even be used for lightweight videography.



## Ethernet Control

In addition to Wi-Fi and USB, the gen2 models add Ethernet capability for a quick and reliable hard-wired network connection when needed.

The X2-R Micro variant also comes with integrated Power over Ethernet (PoE), for easy single-cable setup inside tight spaces like iso-cabs.

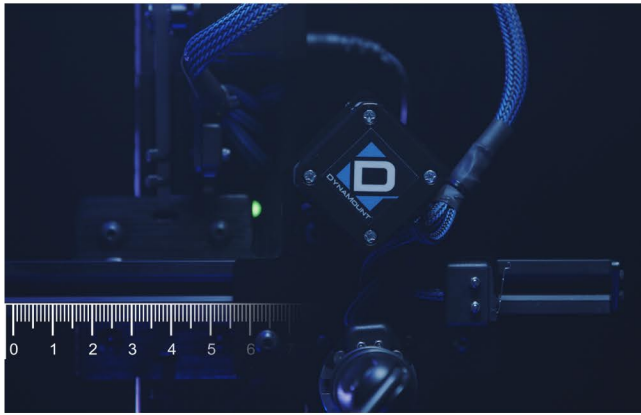
## Real-Time Steering

The virtual joystick with extremely low latency makes it feel like the mic is actually in your hand.

Taking this to the extreme, the gen2 mobile app even lets you steer by using your phone's gyroscope! Be a mic placement jedi.







## 10X Finer Motion Increments

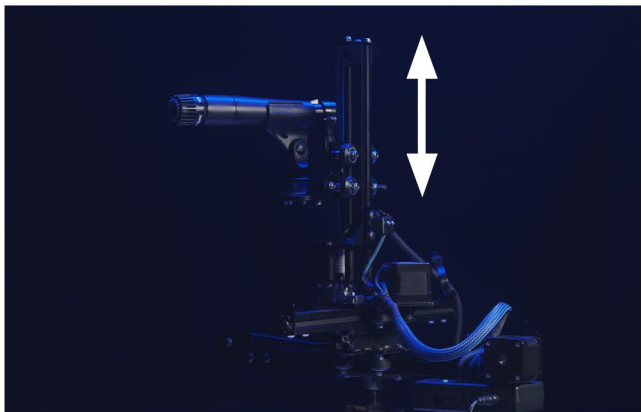
Because the tiniest changes in mic placement can have a dramatic affect on the captured tone.

Dial in the sweet spot down to fractions of a millimeter, or use your X2-R as the ultimate precision tool for IR capture.

## 3rd-Party USB Controllers

The X2-R series supports select third-party USB controllers/joysticks, such as classic NES style controllers!

No need to switch between windows on your DAW, just pick up the controller and remote mic placement is at your fingertips.



## Z-Axis Accessory

Looking for vertical motions? The gen2 models are all compatible with the new Z-Axis Accessory which offers 4" of vertical range.

Explore in 3D.

## Multiple Sizes Available

The X2-R Micro variant is our smallest dual-axis model ever, compact enough to fit inside iso-cabs such as those made by the infamous Box of Doom.

Still don't see the perfect size model for you? Check out our new Custom Shop! (more info below)





# The Gen2 Apps

Included with each unit is access to our free Gen2 control apps for Mac, PC, iOS, and Android.

There are too many features to cover in this document, but here is a quick sampling of the controls.



Custom API

Each running device has its own control window

Adjustable speaker size, dust cap size, or choose other non-speaker background options

Easily control multiple devices

Full 360° rotation gauge

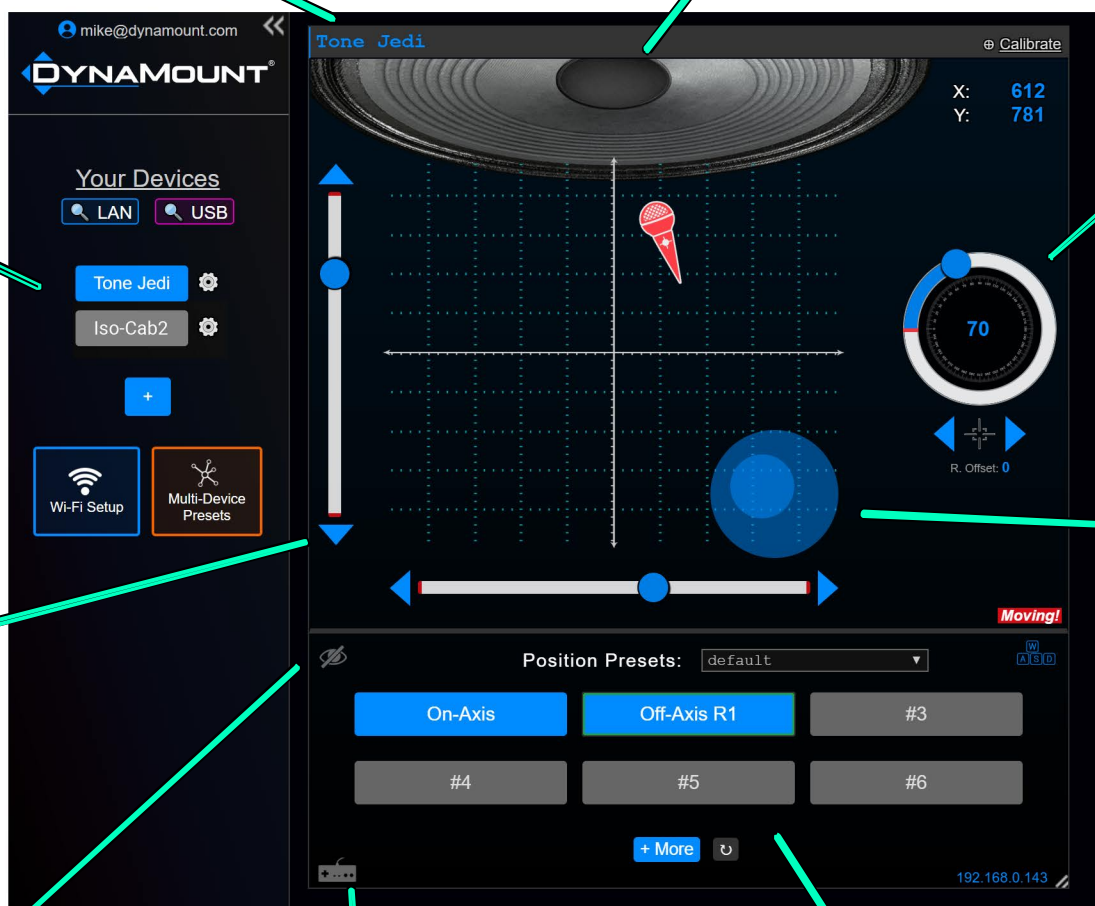
Virtual joystick for real-time steering

Nudge arrows for fine-tuning the position

“Blind Mode” for an unbiased A/B comparison of positions

Set an unlimited number of recallable position Presets.

Take control via a 3rd-party USB controller/joystick



**DYNAMOUNT®**

# Custom Shop



DynaMount Custom Shop units are made-to-order by hand right at DynaMount HQ in San Diego, CA to your exact specifications. They can be shipped worldwide! Custom single-rail models start at \$599, and custom dual-rail models start at \$1,249.

Contact us with your required specs, and we'll make it happen!

HAND-ASSEMBLED  
IN THE USA 







## Specifications

**Control Methods:** Ethernet, Wi-Fi, USB

**Ethernet Standard:** 100BaseTX

**Wi-Fi Standard:** 802.11b/g/n

**USB Standard:** 2.0

**Special Feature:** Ultra-Quiet Drive

**Dimensions (L x W x H):** 14.75" x 13.3" x 5.75" (37.5 cm x 33.8 cm x 14.6 cm)

**Weight:** 4.2 lb (1.9 kg)

**Primary Construction Material:** 6061-T6 Aluminum

**Range of Motion (Axis 1):** 5.5" (14.1 cm)

**Range of Motion (Axis 2):** 8.3" (21.2 cm)

**Range of Motion (Rotation):** 360°

**Minimum Axial Motion Increment:** 0.001" (0.025 mm) \*

**Minimum Rotation Motion Increment:** 0.043° \*

**Axial Motion Precision:**  $\pm 0.25$ mm

**Rotation Motion Precision:**  $\pm 1^\circ$

**Max Payload Weight (horizontal/level setup):** 5 lb (2.2 kg)

**Max Payload Weight (vertical/inclined setup):** 1.5 lb (0.7 kg)

**Mounting Method:** 5/8"-27 threads (3/8" adapters included for sales in select countries)

**Included Power Supply:** DC 12V 2.5A, "wall-wart" style with 8 ft (2.5 m) cable

**Included Pro Accessory Pack:** Posi-Lok Clutch, Thread Extender, Jam Nut, Right-Angle XLR Cable

**Certifications:** FCC, CE, UKCA, IC, Telec

**To complete the initial setup an internet connection is required; later it is optional but recommended**

*\* To achieve the smallest possible motion increments, either the available "Precision Upgrade" must be purchased with the unit, or the Custom API must be used. Smallest available increments may be higher while using one of our standard control apps.*



## Specifications

**Control Methods:** Ethernet, Wi-Fi, USB

**Ethernet Standard:** 100BaseTX

**Wi-Fi Standard:** 802.11b/g/n

**USB Standard:** 2.0

**Special Feature:** Ultra-Quiet Drive

**Dimensions (L x W x H):** 12.75" x 11.0" x 5.75" (32.4 cm x 27.9 cm x 14.6 cm)

**Weight:** 4.1 lb (1.86 kg)

**Primary Construction Material:** 6061-T6 Aluminum

**Range of Motion (Axis 1):** 3.5" (8.8 cm)

**Range of Motion (Axis 2):** 6.1" (15.5 cm)

**Range of Motion (Rotation):** 360°

**Minimum Axial Motion Increment:** 0.001" (0.025 mm) \*

**Minimum Rotation Motion Increment:** 0.043° \*

**Axial Motion Precision:** ± 0.25mm

**Rotation Motion Precision:** ± 1°

**Max Payload Weight (horizontal/level setup):** 5 lb (2.2 kg)

**Max Payload Weight (vertical/inclined setup):** 1.5 lb (0.7 kg)

**Mounting Method:** 5/8"-27 threads (3/8" adapters included for sales in select countries)

**Included Power Supply:** DC 12V 2.5A, "wall-wart" style with 8 ft (2.5 m) cable

**Included Pro Accessory Pack:** Posi-Lok Clutch, Thread Extender, Jam Nut, Right-Angle XLR Cable

**Certifications:** FCC, CE, UKCA, IC, Telec

**To complete the initial setup an internet connection is required; later it is optional but recommended**



**X2-R Micro features integrated Power over Ethernet (PoE)**

**PoE Standard:** IEEE 802.3af (15.4W)

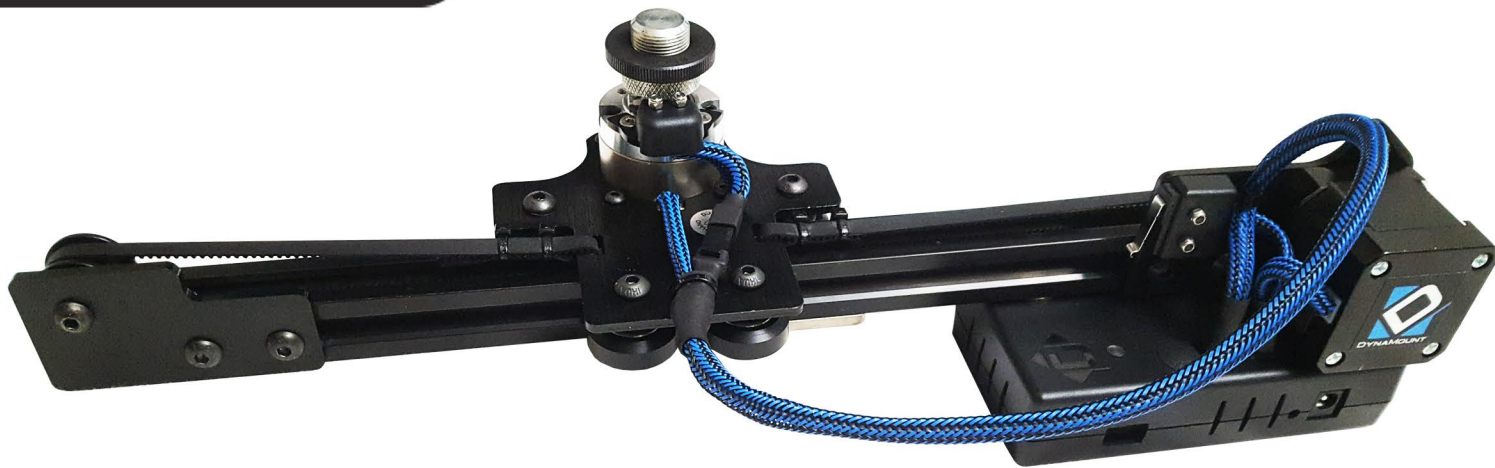
*Unit can be powered via PoE or standard 12V supply*



*X2-R Micro can fit inside "Box of Doom" iso-cabs!*

\* To achieve the smallest possible motion increments, either the available "Precision Upgrade" must be purchased with the unit, or the Custom API must be used. Smallest available increments may be higher while using one of our standard control apps.





## Specifications

**Control Methods:** Ethernet, Wi-Fi, USB

**Ethernet Standard:** 100BaseTX

**Wi-Fi Standard:** 802.11b/g/n

**USB Standard:** 2.0

**Special Feature:** Ultra-Quiet Drive

**Dimensions (L x W x H):** 14.75" x 4.25" x 4.0" (37.5 cm x 10.8 cm x 10.2 cm)

**Weight:** 2.7 lb (1.2 kg)

**Primary Construction Material:** 6061-T6 Aluminum

**Range of Motion (Axis 1):** 6.25" (15.9 cm)

**Range of Motion (Axis 2):** N/A

**Range of Motion (Rotation):** 360°

**Minimum Axial Motion Increment:** 0.001" (0.025 mm) \*

**Minimum Rotation Motion Increment:** 0.043° \*

**Axial Motion Precision:**  $\pm 0.25\text{mm}$

**Rotation Motion Precision:**  $\pm 1^\circ$

**Max Payload Weight (horizontal/level setup):** 5 lb (2.2 kg)

**Max Payload Weight (vertical/inclined setup):** 1.5 lb (0.7 kg)

**Mounting Method:** 5/8"-27 threads (3/8" adapters included for sales in select countries)

**Included Power Supply:** DC 12V 2.5A, "wall-wart" style with 8 ft (2.5 m) cable

**Included Pro Accessory Pack:** Posi-Lok Clutch, Thread Extender, Jam Nut, Right-Angle XLR Cable

**Certifications:** FCC, CE, UKCA, IC, Telec

**To complete the initial setup an internet connection is required; later it is optional but recommended**

*\* To achieve the smallest possible motion increments, either the available "Precision Upgrade" must be purchased with the unit, or the Custom API must be used. Smallest available increments may be higher while using one of our standard control apps.*

# Accessories

## Z-AXIS

VERTICAL MOTION ACCESSORY

Replaces microphone rotation with vertical motion, allowing for 3D XYZ motions.

**Compatible With:** All Gen2 Models

**Special Feature:** 3D XYZ Motions

**Dimensions (L x W x H):** 9.9" x 5.8" x 4.5" (25.1 cm x 14.7 cm x 11.4 cm)

**Weight:** 1.5 lb (0.7 kg)

**Primary Construction Material:** 6061-T6 Aluminum

**Range of Motion:** 3.9" (10.0 cm)

**Max Payload Weight (horizontal/level setup):** 2.2 lb (1.0 kg)



## CAPSULE-LOCK

OFF-AXIS ROTATION ACCESSORY

Allows for rotation of the microphone while keeping the actual mic capsule "locked" in position relative to the XY plane (as opposed to swinging in an arc with rotations).

**Compatible With:** All Gen2 Models, plus X1-R, V1-R

**Special Feature:** Off-Axis Rotation Without Shifting Mic Capsule Position

**Dimensions (L x W x H):** 7.25" x 1.5" x 2.5" (18.4 cm x 3.8 cm x 6.4 cm)

**Weight:** 0.35 lb (0.16 kg)

**Primary Construction Material:** 6061-T6 Aluminum

**Range of Motion:** 360°

**Max Payload Weight (horizontal/level setup)\*:** 2 lb (0.9 kg)

**Max Mic Threads-To-Capsule Distance:** 6.5" (16.5cm)



*\*It is recommended to only use this rotation accessory on a DynaMount set up in a standard configuration, horizontal/level with the floor (not on an incline or vertical).*



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**<https://dynamount.com>**