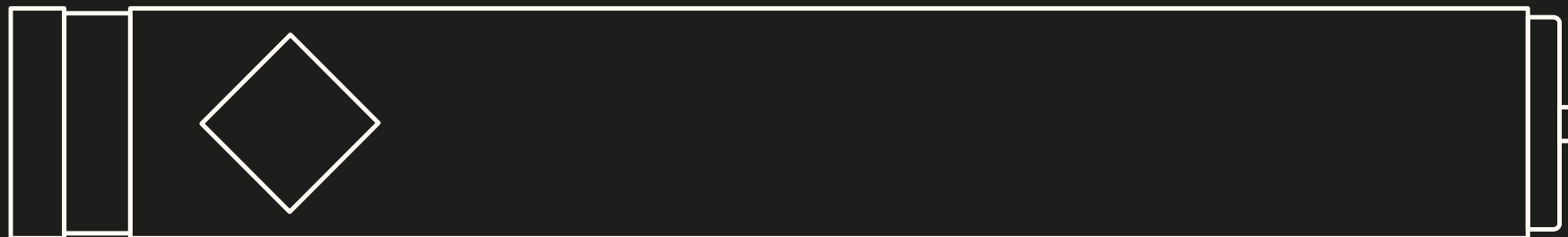




Hydra

Tube Microphone System



A many-headed, phantom-powered (P48) tube microphone system with a fully modular design. Hydra supports a wide variety of condenser microphone capsules via interchangeable adapter rings.

User manual



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Features

Thank you for purchasing a Triton Audio Hydra.

Hydra is designed as a fully modular concept, offering maximum flexibility. It supports a wide variety of condenser microphone capsules through easily interchangeable adapter rings. Effortlessly switch between your favorite (vintage) capsules.

No need for an external power supply as Hydra is powered by regular P48 phantom power.

Equipped with premium grade electronics, Hydra delivers exceptional sound quality. This is achieved by combining a NOS (New Old Stock) tube with an interstage transformer followed by a low-impedance buffer.

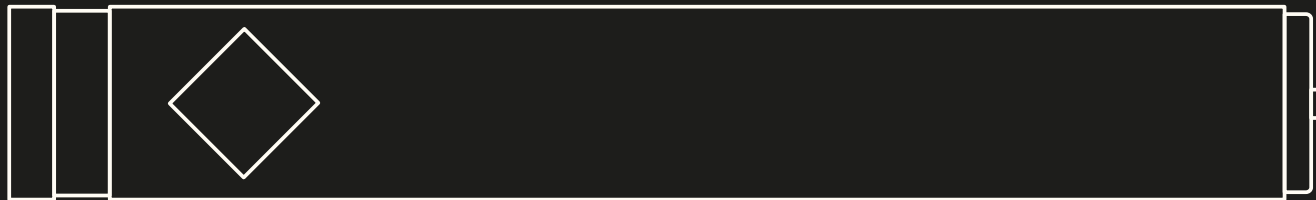
Hydra features a matte finished body, crafted from durable brass and finished with a high-quality nickel plating.



Installation adapter ring

Install the adapter ring

Make sure phantom power is turned off before changing adapters and capsules.
Gently screw the required adapter ring onto the Hydra amplifier's mounting point.
The adapter should screw on smoothly without resistance. Do not force it.





Capsule installation

Attaching the microphone capsule

Align the thread of your microphone capsule with the adapter ring.

Screw the capsule on gently until it is hand-tight and securely seated.

Important: Do not over-tighten, this may damage the threads or capsule.

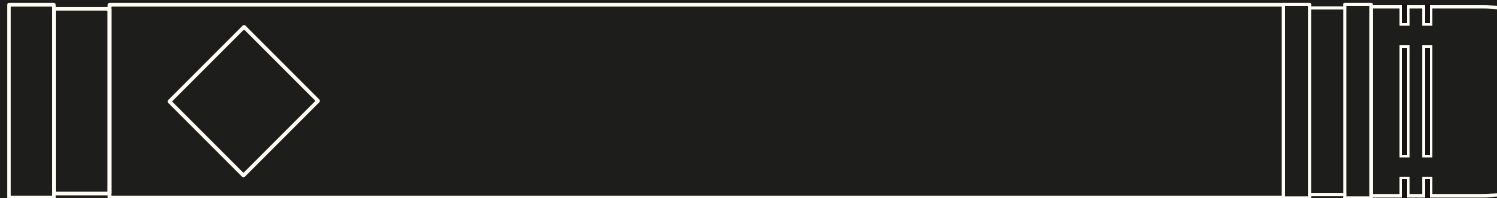




Hydra assembly

Getting started

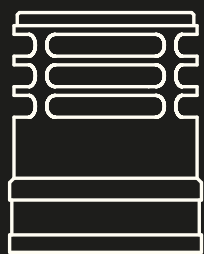
Connect the Hydra to your audio interface or preamp using a balanced XLR microphone cable. Activate 48V phantom power (P48) on your interface or preamp. Your Hydra is now ready for use.



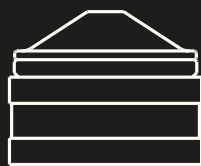


Adapter system

We offer a wide range of adapter rings and accessories for the Hydra system. If you use a (vintage) microphone capsule that requires a unique fit, we can design and produce a custom adapter ring to ensure seamless compatibility. Just contact us with your capsule details.



KM80 series



KM180 series



CMC series



MV691 | MV692



Custom adapter



Usage instructions

Make sure phantom power is turned off before changing adapters and capsules. Always use 3-pin XLR cables when connecting your Hydra FET. We recommend using a clip or shockmount to reduce vibrations while recording. Hydra is powered by regular P48 phantom power.

Care & Maintenance

Store your Hydra, adapter rings and capsules in a clean, protected case where they cannot collect dust. Avoid humidity and rapid temperature changes. Clean the exterior with a dry cloth only.



Troubleshooting

No Sound

- Ensure that 48V phantom power (P48) is enabled on your audio interface or preamp. The Hydra requires phantom power to operate.
- To ensure proper contact make certain the microphone capsule is securely attached to the adapter ring and the ring is properly fastened to the Hydra body.
- Avoid over-tightening, but make sure all parts are hand-tight and stable.

Distorted sound, noise or hum

- Make sure you are not clipping your preamp or interface. Also check for clipping in audio plugins or hardware gear.
- Inspect your XLR cable for damage or poor shielding. Try replacing the cable or using a different preamp to rule out interference or ground loop issues.



Specifications

- **Body material:** Matte nickel plated brass
- **Adapter material:** Nickel plated brass
- **Connectivity:** 3 Pin XLR connector (output)
- **Power requirement:** P48 Phantom power
- **Current consumption:** 2,8mA
- **Output impedance:** 80 Ohm
- **Frequency range:** 30Hz - 120KHz (without capsule)
- **Equivalent noise level:** -17 dBA (A-weighted, with Schoeps MK2 capsule)
- **Dimensions:** 144 x Ø 22mm (without adapter & capsule)
- **Weight:** 160g (without adapter & capsule)



Warranty & Support

Warranty & support

The Hydra tube microphone amplifier comes with a 2-year warranty covering defects in materials and workmanship. Please note that damage to third party capsules is not covered under our warranty policy. Follow our instructions and contact us if in doubt.

For support, additional capsule adapters, visit our website at www.tritonaudio.com or contact our team by email: contact@tritonaudio.com

Custom adapters

We are aware there are a great many (vintage) microphone capsules in use. Would you like to have your beloved capsule mated with a Hydra, contact us and we will design and produce you a special adapter ring!



For more in-depth information visit www.tritonaudio.com