sE Electronics FluxCore



sE Electronics introduce FluxCore, a new range of professional signal path hardware from sE, created for musicians, engineers, and audio professionals working across the signal chain. FluxCore is designed around a simple principle: provide practical, reliable tools that preserve signal integrity while giving professionals the flexibility they need on stage, in the studio, and on the road. The first two products in the FluxCore range are the FCA1 Ultra-HiZ Active DI (pictured above) and FCP1 HiZ Passive DI. Both combine high-quality audio performance with a compact, road-ready design. Each features a custom-designed, shielded heavy-duty transformer and sE's on⁺ Ground Lift circuitry, engineered to provide high headroom, low distortion, and effective noise rejection.

FluxCore is also designed with real-world setups in mind. Non-slip and hook-and-loop mounting options allow the FCA1 and FCP1 to be securely installed on desktops, pedalboards, and other equipment, while the rack-mounting system allows up to four units to be installed in a single 1U rack space. Their stackable construction also makes multi-channel setups clean, secure, and easy to configure. From passive guitar and bass pickups and piezo-equipped instruments to keyboards, laptops, and playback systems, the FCA1 and FCP1 provide a clean and reliable path from source to console.

The FCA1 Ultra-HiZ Active DI is engineered for instruments that demand the highest possible input impedance. With up to 10 MΩ of input impedance, the FCA1 preserves the natural tone, dynamics, and full frequency response of passive guitar pickups, piezo-equipped instruments, and other high-impedance sources. Its integrated DYNAMITE gain boost delivers +15dB or +30dB of ultra-clean gain

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directly at the source, maximizing signal quality before long cable runs or electrically noisy environments.

Key Features:

- Switchable 10 MΩ / 100 kΩ / 10 kΩ input impedance
- +15 dB / +30 dB DYNAMITE ultra-clean gain
- 0 / -15 / -30 dB attenuation pad
- POLAR switch
- Shielded heavy-duty transformer + on⁺ Ground Lift circuitry
- Front and rear +48 V LEDs
- Flexible, secure mounting options



The FCP1 HiZ Passive DI is engineered for maximum flexibility, with stereo-to-mono summing and versatile signal routing for a wide range of sources. Its high-impedance input minimizes load on the source, maintaining clarity, punch, dynamics, and tonal balance without requiring phantom power or batteries. For stereo sources, switchable L+R mono summing combines the signal into a single balanced output, saving valuable mixer, interface, and stagebox input channels.

A dedicated 3.5mm (1/8") TRS stereo input makes the FCP1 ideal for keyboards, laptops, media players, backing tracks, and other stereo sources.

Key Features:

- HiZ passive input
- Switchable L+R mono summing
- 3.5mm stereo input

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- 0 / -15 / -30dB attenuation pad
- POLAR switch
- Shielded heavy-duty transformer + on Ground Lift circuitry
- Flexible, secure mounting options

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