



# São Tom® and Principle puredrive octo

What is pure drive Octo?

PURE DRIVE OCTO is a testament to SSL's commitment to progressive analogue circuit design. No electro-mechanical components (potentiometers, mechanical switches, relays etc) are used in the critical audio signal path of PURE DRIVE OCTO, increasing product longevity, and allowing impeccable 'matching' between all channels - not just a stereo pair.

How many mic preamp input impedance options does Pure Drive Octo offer?

PURE DRIVE OCTO offers four mic preamp input impedance options, enabling engineers to match the mic pre's impedance closely to the microphone or even change the tonality of the input signal (on ribbon and dynamic mics), giving further creative control when recording with the PURE DRIVE preamps. PURE DRIVE OCTO features two independent controls:

What is a puredrive Octo preamp?

It also has per-channel Gain plus 31-detent Trim controls with precise 1dB increments for fine-tuning, 48V phantom power, polarity invert, and a handy 3rd-order highpass filter. The PureDrive Octo preamps feature SSL's versatile Drive circuit, which gives you a choice of three modes: Clean, Classic Drive, and Asymmetric Drive.

How many XLR inputs does a pure drive Octo have?

PURE DRIVE OCTO features eight rear-mounted combo XLR inputs, four front-panel Hi-Z/DI instrument inputs with automatic input detection, and three sets of D-sub connectors for line-level inputs, as well as insert send and insert return.

How many audio channels does Pure Drive Octo have?

PURE DRIVE OCTO's versatile digital connectivity features an integrated USB soundcard providing eight channels of audio into your DAW up to 32-Bit/192 kHz. Four AES/EBU output pairs, and ADAT out, offering eight channels at 24-bit/48 kHz, or up to four channels at 24-bit/192 kHz via SMUX.

How do I use puredrive Octo?

Connect a USB-C cable to your macOS or Windows machine, and the PureDrive Octo will present itself as a class-compliant audio interface; on Windows, you'll need to install an ASIO driver to use it with most DAW software. As it contains no D-A conversion and has no monitoring capabilities, it defaults to showing up as an eight-in, zero-out device.

2U rack-mount preamp with eight high-performance PureDrive mic preamps from the Origin console plus 192 kHz/32-bit conversion, AD connectivity via ADAT, AES and USB soundcard, word clock I/O, stepped pots, and digitally ...

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Consequently, the PureDrive preamp design has now been made available in two 19-inch rack units: the four-channel Quad and eight-channel Octo. And, in typical SSL fashion, both units add on a ton of additional functionality.

PURE DRIVE OCTO stands as one of the most capable and feature-rich outboard microphone preamplifiers available, introducing a host of new sonic possibilities and workflows for the discerning producer and recording engineer.

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The use of digitally controlled analogue circuits, controlled by detented pots and electronic switches simplifies recall and precision of settings. Each of PURE DRIVE OCTO's mic pre's can be independently switched between three distinct DRIVE modes: Clean, Classic Drive, and Asymmetric Drive.

