

asp 800

8 CHANNEL MIC PRE & ADC WITH HMX AND IRON



QUICK START GUIDE V1.0

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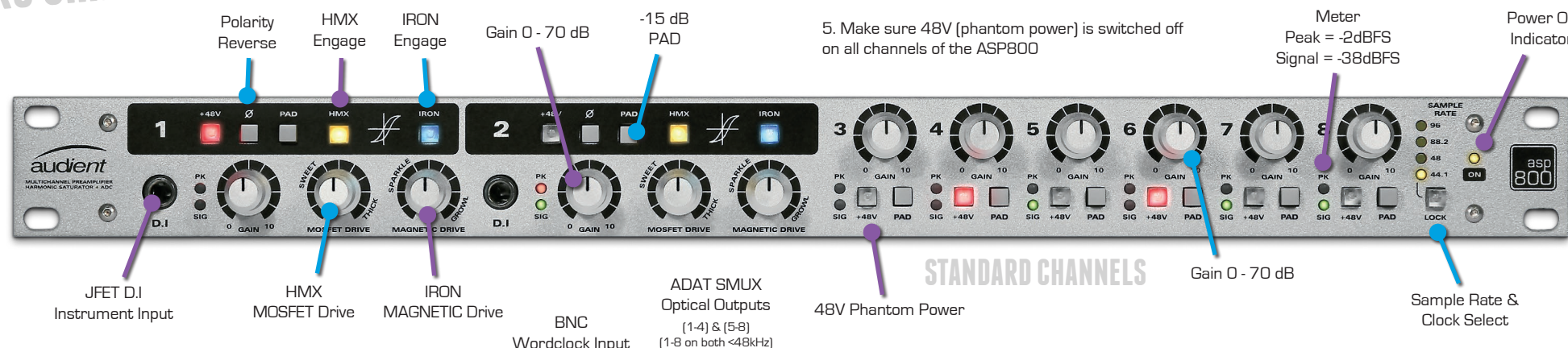
ASP800 is an audio powerhouse designed to transform your sessions into world class recordings, making it the perfect addition to your audio interface. ASP800 provides eight channels of Audient's renowned console mic preamps, class-leading Burr-Brown converter technology, two JFET D.I.'s and two **RETRO** channels with *revolutionary tone control*.

Just plug in your mics, guitars, keyboards and drum machines and you're ready to go, so get creative and start thinking big. Every tone hidden within ASP800 will inspire creativity!

This quick start guide will get you up and running with your unit, but for more detailed information - please download the full manual, specifications & recall sheets from:

www.audient.com/products/asp800/downloads

RETRO CHANNELS



Basic Setup & Routing with ADAT Enabled Interfaces

- DOUBLE CHECK THE FUSE / MAINS VOLTAGE SELECTOR** for your regional location **before** connecting the supplied IEC cable from a mains socket to the ASP800.
- If using the digital outputs, connect an optical (TOSLINK) cable from the first (left - hand) ADAT output on the ASP800 to the ADAT input on your audio interface
- Select the sample rate on ASP800 by pressing the SAMPLE RATE button until the correct rate is illuminated (green indicates external clock source via BNC)
- Set the audio interface to clock from it's ADAT input source and ensure the sample rate of your DAW computer project matches the ASP800
- Make sure 48V (phantom power) is switched off on all channels of the ASP800



- Plug microphones into the rear panel XLRs and D.I sources into channels 1 or 2 on the front panel if required
- After ensuring that your interface (or DAW) monitor mixes are muted to avoid clicks & pops as mics power on, switch on 48V for the channels that require phantom power
- Once powered, un-mute your inputs, adjust the gain knob to get good signal levels - it is best to monitor the level in your DAW and aim for -10dBFS on the loudest peaks
- When recording with multiple microphones check and correct phase cancellations with the Ø switch on inputs 1 and 2.
- To add a bit of unique colour, engage **HMX** and/or **IRON** and dial in some sonic interest!

You are now ready to record!



! WARNING !
PLEASE CHECK BEFORE CONNECTING POWER
FUSE & MAINS VOLTAGE
(rotate to select)

EXTERNAL CLOCKING

ASP800 can also be clocked from external devices via the BNC word clock input by connecting a 75Ω BNC cable

from the word clock output of a master clock device to the word clock input on the back of ASP800. This can be terminated with the press of a button with 75Ω if single point clocking, or left as Hi-Z if cascading master clock to several devices in a daisy chain.

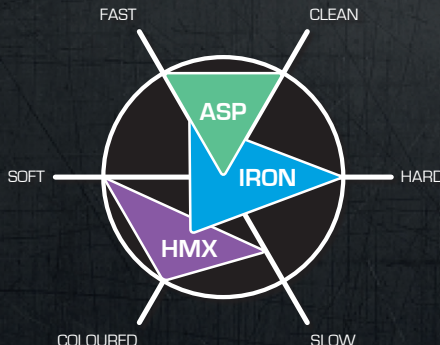
On the front panel of ASP800, press the sample rate button until the internal green LED flashes. The button will become solidly illuminated when it is locked to the external master clock source and the button will flash when there is no stable clock source present.

HMX - engaging HMX places a sweet sounding, three-stage MOSFET saturator similar to *1960's valve preamplifier* designs into the signal path. The MOSFET drive creates a thick tone that will sound incredible on anything from drums to electric guitars, enhancing the tone with a fat low frequency bump and smeared midrange sustain. Try it on electric & synth bass to pin your low end to the ground in your mix balance or try adding proximity and body to vocals or spoken word!

IRON - transformers create wonderful artifacts including transient shaping, low frequency distortion, mid range depth & high frequency sparkle. You could say that they produce a polish that *"sounds like a 1970's record"*. Our IRON circuit uses a real 600Ω British transformer with Class-A MOSFET drive network to provide an incredible palette of tone - from sparkle to growl. Use in combination with HMX or on it's own to take the classic Audient smooth sound on a trip around the **TONE TRIANGLE**. From clean to colour - ASP800 can do it all!

RETRO CHANNELS

HMX
HARMONIC MOSFET SATURATOR



IRON
VINTAGE TRANSFORMER DRIVE