

audient



# ASP4816

Small Format Analogue Recording Console

Product Brochure

# ASP4816

## Small Format Analogue Recording Console

ASP4816 is a small format analogue console from legendary designer David Dearden. Building on the success of its bigger brother the ASP8024-HE, the ASP4816 delivers incredible functionality in a smaller footprint, perfectly suited for both professional and project studios alike. Providing a versatile array of connectivity, signal conditioning, routing, summing, processing and monitoring capability the ASP4816 will quickly adapt to become the centre of your creative workflow.



*David Dearden*

*"I've spent over 20 years striving for continuous improvement in our circuit design and how our products sound. To this day my mic pre design is still being used all over the world. - I must've done something right!"*

## Who are Audient?

With a proud heritage of award winning audio excellence, Audient continues to develop innovative products for the professional audio industry. Audient are recognised worldwide for delivering high quality products designed with users working preferences in mind and which, most importantly deliver outstanding audio quality at affordable prices. Audient operates from its headquarters in Hampshire, England.

# BIG SOUND SMALL FORMAT



# ASP 4816

Small Format Analogue Recording Console

## Features:

- 48 Inputs
- 16 Audient Mic Pres
- 4 Band Splitable EQ
- Mix Bus Compressor
- 16 Record Buses
- 8 Subgroups/Inserts
- 6 Auxes, 2 Cue Sends
- Inline Architecture
- 4 Stereo Monitor Outputs
- Comprehensive Monitor Control



## 16 x HERITAGE PRE'S/EQS

HF and LF shelving EQ matched with a pair of fully parametric mids combined with Audient's famed mic pre.



## MIX BUS COMPRESSOR

Based on technology from the 80s and 90s the ASP4816's mix bus compressor is known for adding a rock and roll dynamic to your mix. Often likened to classic analogue boards, the ASP4816's mix bus compressor provides that classic VCA 'glue' that will give your mix that sounds like a record feeling.



## 40 FADERS

Get the 'hands on' analogue experience with long and short faders. Features include: mix, pan, cut and solo.



## PRISTINE MONITOR SECTION

The monitor section provides a choice between the main mix and three external stereo sources, alongside 4 sets of monitor outputs.



## 48 INPUTS AT MIX

Bring in your D/A outputs, effects returns and other line sources - enough inputs to handle even the most demanding mix!



## 16 MULTI-TRACK BUSES

Record 16 channels of audio straight into your DAW via your converters or use as 16 additional FX sends or parallel feeds. Ultimate flexibility for the modern studio.







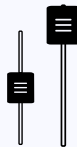


# Why choose the ASP4816?



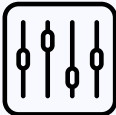
## Heritage Mic Pre

The Audient mic pre is renowned for being clean, punchy and musical, it is often regarded as one of the most versatile mic pres available. Its impressive dynamic range will meet your needs whether you're recording a rock band, rapper or a classical orchestra, which has made our design become the go to mic pre for thousands of professionals.



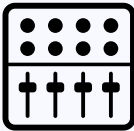
## Inline Architecture

The console's inline architecture allows you to start building your mix as you're tracking. By using the long and short faders you can create separate record and monitor balances on one channel strip, all while being able too access the console's splitable EQ and aux sends, perfect for getting it right from the start.



## Four Band EQ

The incredibly flexible, Dearden designed EQ offers two fully parametric bands that span from 40Hz to 20kHz, offering a powerful and musical sound.



## Footprint

With an impressive array of connectivity options the ASP4816 offers the versatility of a large format console in a smaller footprint. ASP4816 is only 1M x 1M, which makes it ideal for compact studio spaces.



## Power Consumption

ASP4816's clever design allows it to be plugged directly into the wall and has no need for a noisy external power source, allowing it to be installed quickly into any studio and making the ASP4816 one of the most efficient small format recording consoles on the market.



## Price Point

ASP4816 has been designed to be both economic and cost effective, giving you the large format desk experience in a smaller footprint.



## Intuitive Workflow

Ease of use is a big factor, there's no menu diving, no hidden functions just a hands-on, one control per function organic workflow - letting you work faster.



## ASP510

## Surround Sound Intergration

The [ASP510](#) will effortlessly integrate with your ASP recording console, providing effective and intuitive monitoring control in an ergonomic package. Whether you're working on film scores, foley or simply mixing in 5.1, the [ASP510](#) is the perfect surround sound monitoring solution for your studio.



# THE MASTER SECTION

## STEREO INPUTS

The **STEREO** inputs allow signals to be brought back into the console (returned) from an effect unit without using up a complete channel strip. Often stereo signals can only be routed to the stereo mix, however, the ASP4816 stereo inputs allow routing back to the multi-track in addition to the mix. This means that effects can be recorded on the multi-track.

## MIX BUS COMPRESSOR

The **MIX BUS COMPRESSOR** can be switched into the main stereo signal path when required to add that 'glue' to get that balanced mix sound. Note it's located after the mix insert point but before the main fader. The mix bus compressor characteristics are optimised for use in mix processing while many of the parameters remain under control of the engineer.

## BUS/AUX MASTERS

The Short Fader is designed for use with 10dB of gain in hand allowing the signal to be boosted or reduced in level if required.

## SOLO

The Solo function of the desk also includes the **"Solo in Front"** feature allowing you to solo track's as per usual, but then also blend in a small amount of the rest of the mix. This allows you to easily isolate a track to make mix decisions, while still hearing it in conjunction with the rest of your mix.

## SUB GROUPS

In addition to routing signal to the bus outputs for recording, the first eight buses are also fed to 8 sub group outputs. Each sub-group has a **PAN** control, **SOLO** and **CUT** switches and a fader controlling the bus output level. You can control the sub groups using the sub group faders.

## TALKBACK

Talkback is used to communicate with the **STUDIO**, the **FOLDBACK** system or the Bus outputs of the console. Talkback to the foldback system will work even when the foldback levels are turned down. The talkback microphone may be phantom powered if required.

## CONTROL ROOM MONITORING

The Short Fader is designed for use with 10dB of gain in hand allowing the signal to be boosted or reduced in level if required.





# The Channel Strip



## ROUTING SWITCHES

The Routing section takes the signal from the SF path and routes it to the bus outputs, which in turn are usually connected to the inputs of a DAW or other recording devices.

## AUXILIARIES

Adjusts the level sent to the Auxiliary output.

## EQUALISERS

The Equaliser is split into two sections one for high and low frequencies and the other for middle frequencies. Both sections can be switched in and out independently and switched into the SF signal path independently.

## HMF

The High Mid Section (HMF) has three controls. The boost/cut range is 15dB and the frequency of operation can be varied from 450Hz to 20Hz. A Q control allows for a very sharp and narrow characteristic or for a more gentle characteristic covering a wider range of frequencies.

## LMF

The Low Mid Section (LMF) has three controls. The boost/cut range is 15dB and the frequency of operation can be varied from 50Hz to 1.5kHz. A Q control allows for a very sharp and narrow characteristic or for a more gentle characteristic covering a wider range of frequencies.

## SHORT FADER (SF)

The Short Fader is designed for use with 10dB of gain in hand allowing the signal to be boosted or reduced in level if required.

## FLIP and PAN

The FLIP switch allows the MIC/ LINE input and the DAW input to be reversed. The PAN control pans LF signal across the stereo mix bus and the MIX switch assigns the LF signal in the stereo bus.







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**"For me,  
the only  
console that  
answered  
my every  
need  
was the  
ASP4816."**

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Dany Maatouk  
Jolokia Studio Owner



## CLASSIC ANALOGUE SOUND

ASP4816 carries the same DNA as it's big brother the ASP8024-HE, offering you over 20 years of console design heritage. Designed by David Dearden, every part and component has been carefully selected and engineered to minimise noise, resulting in that smooth and characterful sound.



## LOVED BY THE PROS

ASP4816 has been adopted by a variety of artists and mediums ranging from The Who's Pete Townshend to featuring in blockbuster foley studio Feet First Foley (The Night Manager, Black Mirror), making it the driving force behind thousands of top creative projects.



## THE HEART OF ANY STUDIO

The ASP4816 will become the core of any production suite. Unlike other small format consoles the ASP4816 gives you all the flexibility of a large-format console in a efficient and compact design. Plug in your outboard equipment and effects, hook up your DAW and let the ASP4816 give you that coveted analogue warmth needed to take your mixes to the next level.





The sound was alive, three dimensional,  
revealing and much easier to work with.

Wes Chapmon  
Owner of Studio Bohemo



ASP4816 is like a full-sized, fully-featured desk  
from the golden days of recording – just one  
that doesn't require six people to lift it and a  
full-time maintenance engineer!

Sam Johnson  
Owner of Rhythm Ace Studio



