ALLEN&HEATH

AVANTIS SOLO FREQUENTLY ASKED QUESTIONS

Q: How does Avantis Solo compare to Dual Screen Avantis?

A: Both of the consoles in the Avantis range have the same processing specs, they are both 64ch mixers, with 42 fully-configurable busses. A show-file created on one may be recalled on the other. Their physical I/O and interface is where they differ.

	Avantis Solo	**Dual Screen Avantis**
Input Channels	64	64
Mix Busses	42	42
FX Engines	12	12
sLink Port	128 x 128ch	128 x 128ch
I/O Card Ports	2x 128x128ch card slots	2x 128x128ch card slots
Screens	**1**	**2**
Onboard Inputs	**6 analog + 1 AES**	**12 analog + 1 AES**
Onboard Outputs	**6 analog + 1 AES**	**12 analog + 2 AES**
Softkeys	**18**	**24**

AVANTIS RANGE FREQUENTLY ASKED QUESTIONS

Q: Will there be more size variants?

A: We are not actively developing other frame sizes for Avantis. However we are interested in feedback and will monitor market demand for larger variants.

Q: How does it compare to SQ?

A: Avantis is based on the same XCVI 96kHz FPGA core technology but offers higher channel count, bus count (with configurable architecture), number of FX engines and processing power. The number of on-board preamps is limited – Avantis is designed to work with audio expanders or audio networking options. The user interface benefits from large touchscreen(s). For more information on the internal positioning and target applications, please see the Avantis positioning document.

Q: How does it compare to dLive?

A: Avantis is based on the same XCVI 96kHz FPGA core technology but combines the audio engine and control surface into a single unit. dLive offers higher channel count, bus count and number of FX engines. dLive also comes with all DEEP processing models included for free. For more information on the internal positioning and target applications, please see the Avantis positioning document.

Q: What is DEEP Processing?

A: DEEP Processing was first introduced in the dLive range. It comprises a suite of embedded plugins which can be inserted in-line on channels without adding latency or using up FX engine slots. These include Preamp, Graphic EQ and Compressor models, some of which are instantly recognisable as industry classics. Avantis is DEEP Processing ready.

Q: Are DEEP Processing models included in the base firmware?

A: A very limited number of basic processing models are included, however most DEEP Processing models will be available for purchase through shop.allen-heath.com.

Q: Does Avantis work with the DX range of expanders?

A: Yes – the SLink port can be connected directly to a DX32, or up to two DX168 / DX164-W / DX012 units. It can also be connected to a DX Hub for further DX expansion possibilities.

Q: Does Avantis work with the AR/AB range of dSnake expanders?

A: Yes – the SLink port can be connected directly to an AR2412 or AB168. Either can be daisy chained to an AB168 or AR84. The SLink port will perform sample rate conversion so that the mixer runs internally at 96kHz while the AR/AB expanders run at 48kHz.

Q: What other expanders can I use with Avantis?

A: The new GX4816 is an ideal companion to Avantis. It provides 48 XLR inputs, 16 XLR outputs, plus two DX ports for further expansion using DX units. The DX2 port is also compatible with the ME personal monitoring system.

Q: How can I connect to the ME personal monitoring system?

A: The ME-U, ME-1 and ME-500 can all be used with Avantis in any of these topologies:

- Connected directly to the SLink port
- Connected to the Monitor or Expander port of an AR2412 or AB168 expander
- Connected to the DX2 port of a GX4816 expander

Q: Does Avantis work with IP1/IP6/IP8 or the GPIO interface?

A: Yes, the IP range of remote controllers and the GPIO interface are compatible with Avantis.

Q: Does Avantis work with the Custom Control app?

A: Yes!

Q: Will my Qu / SQ / GLD / Avantis / dLive Show files and Libraries work on Avantis?

A: Whilst Show Files from Dual Screen Avantis and Solo will be compatible, Show files and Libraries are not compatible across different product series.

Q: What I/O Port option cards are available for Avantis?

A: All of the dLive audio networking cards will work with Avantis. These include Dante, Waves SG, superMADI, gigaACE, fibreACE, AES, and ACE via the M-DL-ADAPT adapter.

Q: Can I link two Avantis mixers together for a digital split?

A: Yes, you can connect two Avantis mixers directly via the SLink port or, if the SLink port is already in use for remote I/O, a gigaACE card in one mixer can connect to the SLink port on the second mixer.

Q: Can I link my Avantis to a dLive system?

A: Yes, a gigaACE card in the dLive system can connect to the SLink port on Avantis. If the SLink port is already in use for remote I/O, dLive and Avantis can be connected via gigaACE or other option cards e.g. Dante, MADI.

Q: Can I link my Avantis to an SQ system?

A: Yes, you can connect an SQ and an Avantis mixer directly via the SLink ports or, if the SLink port is already in use for remote I/O, a gigaACE card in the Avantis mixer can connect to the SLink port on the SQ.

Q. Can Avantis control a dLive MixRack?

No.

Q: What happened to the channel displays and Select buttons?

A: Avantis is designed around a new touch-centric user interface which incorporates the channel displays and Select function into the touchscreens. The alignment of the screens with the fader strips allow a seamless experience.

Q: Will there be a 19” rack kit?

A: Yes! Avantis Solo is too large to fit in a standard 19” rack, however mounting kits will be available to mount the console on top of a 19” rack.