

# More storage capacity and even higher performance *fidata*

One year after the HFAS1's debut:  
Introducing a high-end model sporting the "X"



HFAS1-XS20U  
2.0TB SSD

The HFAS1-XS20U builds on the basic design of the popular HFAS1-S10U by adding an X-Cluster SSD unit designed specifically to deliver high 2 TB storage capacity and the high level of quality required by audio applications.

This high-end fidata network audio server also utilizes a steel chassis that's 3.2 mm thick for significantly higher rigidity so that it can deliver an even higher level of performance.

Apart from the X-Cluster SSD, the HFAS1-XS20U shares its circuit design and software with the HFAS1-S10U.

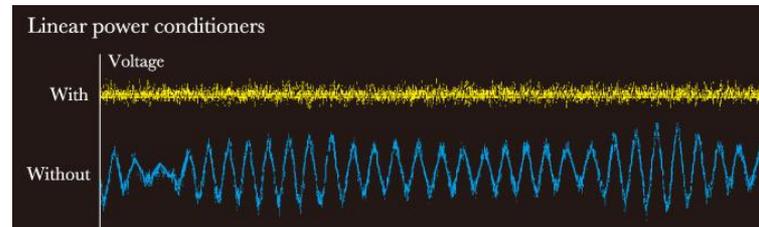
## X-Cluster SSD unit designed specifically for audio applications

Instead of simply utilizing a single, large SSD, fidata incorporates a new technology known as X-Cluster Storage Technology to deliver high storage capacity along with the high quality required of audio components.

### Dedicated X-Cluster SSD unit for audio

The X-Cluster SSD was developed specifically for the HFAS1-XS20U.

This cluster stripes data uniformly across two SSDs. The resulting ability to access data uniformly across all SSDs in the cluster smooths the load on the power supply load by limiting deviations in power consumption.

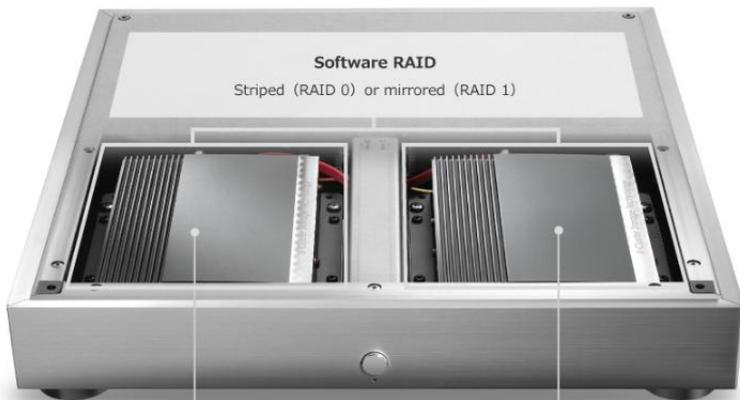


### Linear power conditioners

In addition to the HFAS1's power supply circuit, which consists of a dedicated switching power supply for the storage subsystem and a dedicated power generation circuit that has been tuned with numerous capacitors, the HFAS1-XS20U adds a pair of linear power conditioners for its X-Cluster SSD units. This design contributes greatly to more stable power supply performance.



In addition, the HFAS1-XS20U features a pair of dedicated linear power conditioners that provide clean power.



X-Cluster SSD

X-Cluster SSD



**Significantly increased rigidity thanks to a steel chassis that's 3.2 mm thick**

The HFAS1-XS20U uses a steel plate that is 3.2 mm thick to increase its chassis rigidity. We revisited both the material and the surface finish of the base steel plate, which is 1.4 times thicker than the previous design. The new model's hot-rolled steel features a black chromate finish, preserving the fidata's well-received appearance while maximizing its chassis rigidity.



**X-Cluster Storage Technology**

Designers of audio devices must exercise maximum care with regard to power supplies. Featured in the HFAS1-XS20U, X-Cluster Storage Technology is a new, proprietary fidata technology developed from an audio storage perspective to deliver high SSD storage capacity, a more stable power supply, and reduced noise.

**A cluster of four SSDs**

The HFAS1-XS20U incorporates two X-Cluster SSD units, one on the left and one on the right, for a total of four SSDs. The result is an enormous 2 TB cluster of storage configured in a way that reduces power supply fluctuations caused by uneven data access.

**HFAS1-XS20U Hardware Specifications**

LAN interface	Transmission standards	1000BASE-T / 100BASE-TX / 10BASE-T
	Connectors	RJ-45 x2 (Auto MDI/MDI-X compatible)
USB ports	Connectors	USB2.0 x1
Networking	Standard compliance	UPnP AV, DLNA 1.5
Supply voltage	AC100V-240V 50 / 60Hz	
Power connector	3-pin inlet	
Power consumption	Rated for 32 W	
External dimensions (excluding protruding parts)	Approx. 350 (W) x 350 (D) x 65 (H) mm	
Weight	Approx. 7.3 kg	
Operating temperature range	5°C to 35°C	
Operating humidity range	20% to 85% (non-condensing)	
Accessories	Power cords (3 types), User manual	

