

# SandBox™ AAA2/100

Portable DMX-on-Demand™ device for Streaming ACN and Art-Net.



- Compact portable unit for DMX-on-Demand™.
- Protocol support for Streaming ACN and Art-Net I & II.
- Two bi-directional DMX-512A ports with self-healing transient protection.
- Available with male or female XLRs or combination.
- LEDs indicate Ethernet and DMX port direction and activity.
- Support for both 10BaseT and 100BaseT.
- Auto MDI/MDI-X for straight or cross-over CAT5/6 cabling.
- Power over Ethernet PoE 802.3af or external supply.
- RDM ready with user configurable EOL and RDM termination.
- Free SandNet LocalLink for configuration, testing, and management.

The AAA2/100 SandBox was designed to provide a versatile and budget friendly solution for Streaming ACN, the E1.31 ESTA/ANSI standard for DMX-over-Ethernet, and Art-Net I & II, legacy protocols adopted by many equipment manufacturers. This highly portable and rugged package enables DMX-over-Ethernet input and output for the majority of today's lighting control systems, show controllers, and visualizers.

The two DMX ports are bi-directional for maximum flexibility so that any port, independent of the XLR connector gender, can be configured as an input or output. The AAA2/100 SandBox supports 10BaseT and 100BaseT for unparalleled throughput and easy integration with any network topology. Auto MDI/MDI-X eliminates the need to worry about straight vs. cross-over cabling. Power over Ethernet provides effortless power to the unit via PoE switches or mid-span PoE injectors. An external wall-wart style power supply can be used when PoE is unavailable.

SandBoxes are native SandNet devices easily configured and managed with the free SandNet LocalLink software or with a stand-alone configurator. A factory default button provides a convenient configuration starting point for the novice user. The AAA2/100 also supports firmware uploads over Ethernet to accommodate the rapidly evolving world of entertainment networks.

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## Specifications:

### Enclosure:

Extruded black anodized aluminum.

Molded urethane feet.

40 x 67 x 113mm / 1.6 x 2.6 x 4.5".

222g / 7.8 oz.

### Connectors:

2 x DMX - gold plated 5P M or F XLR.

1 x Ethernet - Neutrik EtherCon™ RJ-45.

1 x Power jack 2.0x6.5mm, positive center pin.

### User Interface:

1 x Status / heartbeat indicator LED.

2 x DMX input status and activity LED.

2 x DMX output status and activity LED.

1 x Factory default configuration button.

### Power:

Power over Ethernet IEEE 802.3af 2W 48V

or 12-24VDC Max 250mA on power jack.

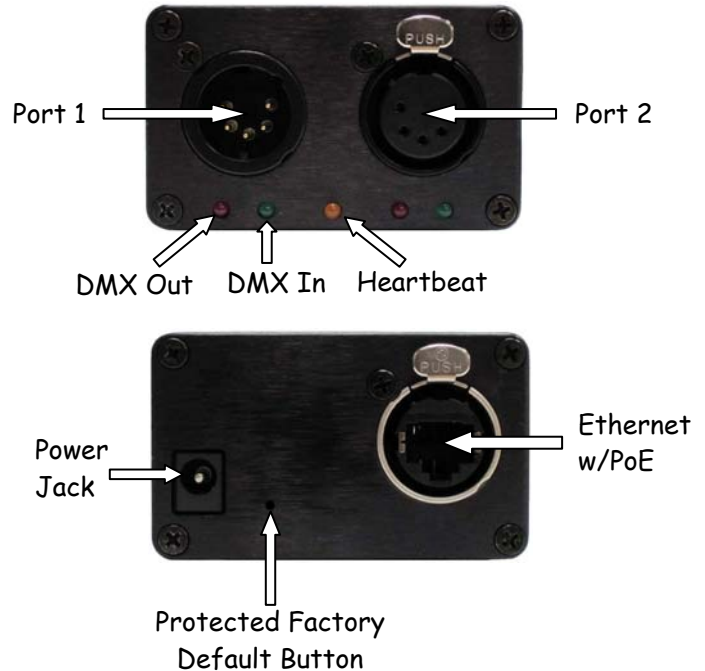
SB-AAA2/100FF



SB-AAA2/100MM



SB-AAA2/100MF



## Ordering Info:

SB-AAA2/100FF

SandBox AAA2/100 with 2 female XLR connectors.

SB-AAA2/100MM

SandBox AAA2/100 with 2 male XLR connectors.

SB-AAA2/100MF

SandBox AAA2/100 with 1 male and 1 female XLR connector.

SB-EMXPS/120

External 120V power supply North America - Edison / U-ground

SB-EMXPS/U

External universal power supply with global adapters

SN-LL/CD

SandNet LocalLink on CD



## Related Info:

Free SandNet LocalLink for SandBox configuration and management is available to download from:  
[www.sandsys.com](http://www.sandsys.com)

SandBoxes are also available in configurations with up to 8 DMX ports, as well as with USB interface. Other SandNet products offer a variety of middleware packages that facilitate extensive protocol conversion, processing, management, and monitoring.

Implementation of RDM, ACN, other emerging standards, and the general specifications are subject to change without notice.  
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