

SandBox SB-BBB2/100™

Portable 2 Universe Art-Net & sACN Node with PoE



- **Compact portable unit for DMX-on-Demand™ .**
- **Art-Net I, II, & 3 and Streaming ACN E1.31.**
- **Two bi-directional DMX-512A ports.**
- **User selectable per port Ethernet to DMX or DMX to Ethernet.**
- **Self-healing ESD & transient protection.**
- **Available with male or female XLRs or combination.**
- **LEDs indicate DMX port direction and activity.**
- **Powerful 32bit ARM processor.**
- **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.**
- **Free software for configuration, testing, and management.**

The SB-BBB2/100 was designed as a versatile and budget friendly connectivity solution for the Ethernet protocols most commonly used in today's stage, studio, and architectural lighting applications. This highly portable and rugged package enables Art-Net and Streaming ACN 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 SB-BBB2/100 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 injectors. An external wall-wart style power supply can be used when PoE is unavailable.

SandBoxes are easily configured and managed with the free Sand Device Browser or with any other SandNet software application. A factory default button provides a convenient configuration starting point for the novice user. SandBoxes 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:

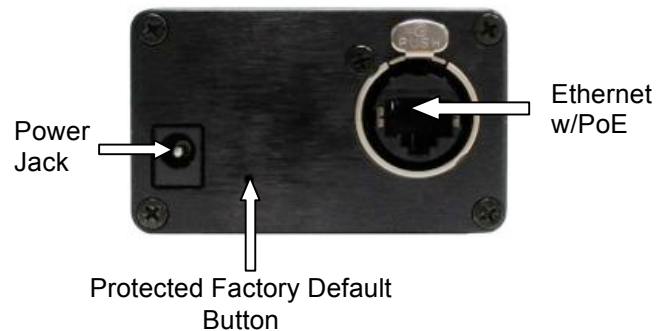
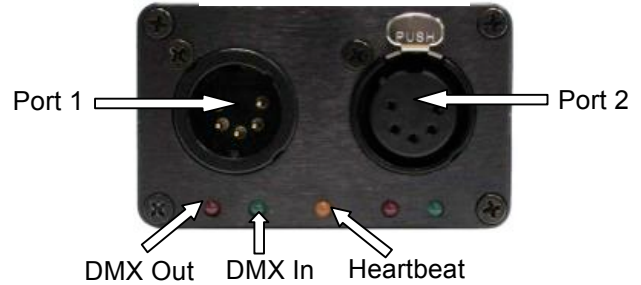
1 x Status / heartbeat indicator LED.
2 x DMX input status and activity LED.
2 x DMX output status and activity LED.
1 x Factory default configuration button.

Power:

Power over Ethernet IEEE 802.3af 2W 48V
or 9 -12VDC 300mA Max on power jack.



SB-BBB2/100MF



Ordering Info:

SB-BBB2/100FF	SandBox BBB2/100 with 2 female XLR connectors.
SB-BBB2/100MM	SandBox BBB2/100 with 2 male XLR connectors.
SB-BBB2/100MF	SandBox BBB2/100 with 1 male and 1 female XLR connector.
SB-PWR/120	External 120V power supply North America – Edison / U-ground
SB-PWR/U	External universal 100-240VAC power supply with global adapters
SN-CD	Sand Device Browser on CD

Related Info:

Free configuration and management software is available to download from:

www.sandsys.com

SandBoxes are available in a variety of configurations. Other SandNet products offer a variety of middleware packages and utility applications that facilitate extensive protocol conversion, processing, management, and monitoring.

*All features might not be available at the time of the product release. All specifications are subject to change without notice.
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