

# SandPort SP-BBB2/100<sup>TM</sup>

## Installed 2 Universe Art-Net & sACN Node with PoE



- **Standard NEMA 2-gang wall-plate for installed systems.**
- **Protocol support for Art-Net I, II, & 3 and sACN 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 Status and DMX port activity.**
- **Dedicated area for permanent labeling.**
- **Powerful 32bit ARM processor.**
- **Supports both 10BaseT and 100BaseT.**
- **Auto MDI/MDI-X for straight or cross-over CAT5/6 cabling.**
- **Power over Ethernet PoE 802.3af.**
- **Free software for configuration, testing, and management.**

The SP-BBB2/100 offers exceptionally cost-effective DMX-over-Ethernet connectivity in a package well suited for integration with permanently installed stage, studio, and architectural lighting systems. Art-Net and sACN protocol support enables input and output for the most of today's entertainment, as well as architectural, 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 SP-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 via readily available PoE switches or mid-span injectors.

SandPorts 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. SandPorts also supports firmware uploads over Ethernet to accommodate the rapidly evolving world of entertainment networks.

## Specifications:

### Mechanical:

2-gang wall plate for standard NEMA 4" back-box.  
4 screw holes for mounting to back-box.  
Lightly textured black polyurethane paint.  
White epoxy silk-screen legends.  
Dedicated area for permanent marking.  
4.5 x 4.5 x 1.6" / 114 x 114 x 41mm.  
5.4 oz / 155g.

### Connectors:

2 x DMX - gold plated 5P M or F XLR.  
1 x Ethernet RJ-45.

### User Interface:

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

### Power:

Power over Ethernet IEEE 802.3af 2W 48V.

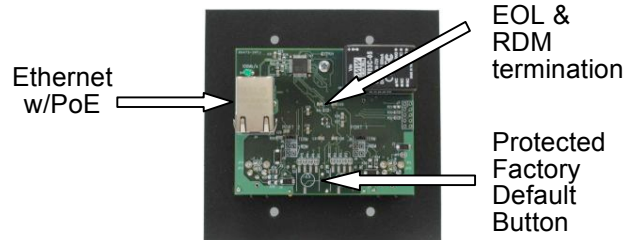
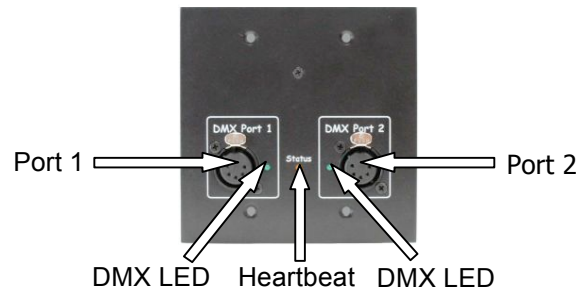
SP-BBB2/100MM



SP-BBB2/100MF



SP-BBB2/100FF



## Ordering Info:

SP-BBB2/100FF	SandPort BBB2/100 2-gang panel with 2 female XLR connectors.
SP-BBB2/100MM	SandBox BBB2/100 2-gang panel with 2 male XLR connectors.
SP-BBB2/100MF	SandBox BBB2/100 2-gang panel with 1 male & 1 female XLR connector.
SP-FMBB	2-gang NEMA in-wall steel back-box for SandPort.
SP-WMBB	Wallmount 2-gang cast aluminum gray back-box for SandPort.
SN-CD	Sand Device Browser on CD

## Related Info:

Free configuration and management software is available to download from:

[www.sandsys.com](http://www.sandsys.com)

SandPorts and 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.  
© 2000-2013 All rights reserved. SandNet, SandBox, SandPort, BBB2, and DMX-on-Demand are trademarks of SAND Network Systems.

30-01-2013/R3

**SAND Network Systems, Inc.**  [www.sandsys.com](http://www.sandsys.com)  [info@sandsys.com](mailto:info@sandsys.com)

 +1 800 421-3562  434 Payran Street • Petaluma CA 94952 • USA