

**Robust and Reliable SGBS Gigabit Switches  
— Powerful. Durable. Simple.  
Effortless Push-Button Management for  
Portable Entertainment Networks**



- Powerful, rugged switches suitable for high volume, multicast, real-time show data
- Unique SGBS LCD Control Panel provides simple push-button access to configuration options most useful for advanced entertainment networks.
- ProPlex "Blue Box" rugged tour-ready enclosures. Built for extreme conditions. Shock-mounted circuitry. Advanced thermal management.
- Compatible with a wide range of entertainment-specific protocols, including AES67, ArtNet, Dante, GreenGo, HippoNet, HogNet, Livewire, MA-Net 2/3, Q-LAN, RAVENNA, RDMNet, sACN, and more!
- PoE and non-PoE versions available
- 8 front Gigabit Ethernet ports with tour-grade EtherCON connectors
- 2 rear Ethernet ports, available with: EtherCON, Duplex LC, OpticalCON QUAD, OpticalCON DUO connectors.
- 100-240 VAC, 50-60 Hz with PowerCON TRUE1 in and thru



## BUILT TO LAST!

**Worldwide Exclusive Distribution**

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### TECHNICAL SPECIFICATIONS

| Model                        | All-Copper Models                                                   | 2x OpticalCON QUAD Models | 1x OpticalCON QUAD Models              | OpticalCON DUO Models | Optical LC Models | EtherCON + OpticalCON Models                               |
|------------------------------|---------------------------------------------------------------------|---------------------------|----------------------------------------|-----------------------|-------------------|------------------------------------------------------------|
| Front Panel Ethernet Ports   | 8x EtherCON RJ45                                                    |                           |                                        |                       |                   |                                                            |
| Rear Panel Ethernet Ports    | 2x EtherCON RJ45                                                    | 2x OpticalCON QUAD        | 1x OpticalCON QUAD combined ports 9-10 | 2x OpticalCON Duo     | 2x Duplex LC      | 1x EtherCON RJ45 + 1x OpticalCON Duo or 1x OpticalCON QUAD |
| PoE Type                     | "PoE+" (25W) also compatible with "PoE" (15W) devices (if equipped) |                           |                                        |                       |                   |                                                            |
| PoE Standards                | 802.3af and 802.3at (if equipped)                                   |                           |                                        |                       |                   |                                                            |
| LCD Display                  | Yes                                                                 |                           |                                        |                       |                   |                                                            |
| Custom Switch Configurations | Yes, via LCD menu                                                   |                           |                                        |                       |                   |                                                            |
| Port status LEDs             | RGB multicolor                                                      |                           |                                        |                       |                   |                                                            |
| AC Power                     | 100-240 VAC, 50/60 Hz                                               |                           |                                        |                       |                   |                                                            |
| Mains Connector              | Duplex Neutrik PowerCON TRUE1™ with In and Thru                     |                           |                                        |                       |                   |                                                            |
| Max Unit Power Consumption   | 160 W with PoE, 25 W without PoE                                    |                           |                                        |                       |                   |                                                            |
| Cooling                      | Forced air                                                          |                           |                                        |                       |                   |                                                            |
| Operating Temperature        | -4 to +104 °F [-20 to +40 °C]                                       |                           |                                        |                       |                   |                                                            |
| EIA Rack Units               | 19" 1U                                                              |                           |                                        |                       |                   |                                                            |
| Unit Dimensions (WxHxD)      | 19 x 1.75 x 15.9 in [482.6 x 43.7 x 403 mm]                         |                           |                                        |                       |                   |                                                            |
| Shipping Dimensions (WxHxD)  | 21.75 x 5.75 x 22.75 in [552 x 146 x 70 mm]                         |                           |                                        |                       |                   |                                                            |
| Unit Weight                  | 13.2 lbs [6 Kg] with PoE, 13.0 lbs [5.9 Kg] without PoE             |                           |                                        |                       |                   |                                                            |
| Shipping Weight              | 16.3 lbs [7.4 Kg] with PoE, 16.1 lbs [7.3 Kg] without PoE           |                           |                                        |                       |                   |                                                            |



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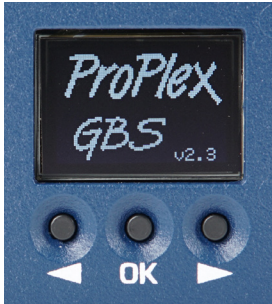
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### LCD CONTROL PANEL



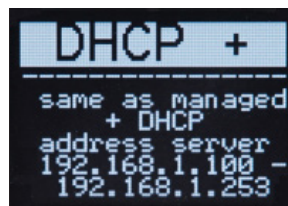
Everything you need at your fingertips!  
Easily switch configurations with simple  
button presses. Switch management  
without the support calls!



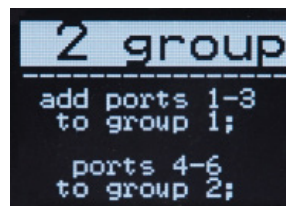
Unmanaged Mode



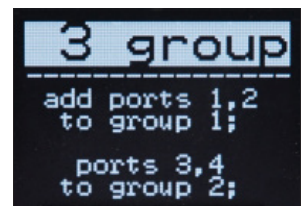
Managed Mode



DHCP + Managed Mode



Managed modes with 2 or 3 VLANs, ports 25-28 are trunk ports  
VLANs are compatible with ProPlex EZ-LAN switches



### REAR PANEL PORT CONNECTOR OPTIONS



2x EtherCON



2x OpticalCON QUAD



1x OpticalCON QUAD  
running ports 9-10



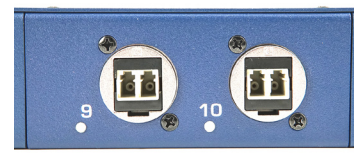
1x EtherCON + 1x OpticalCON  
QUAD



1x EtherCON + 1x OpticalCON  
DUO



2x OpticalCON DUO



2x Duplex LC



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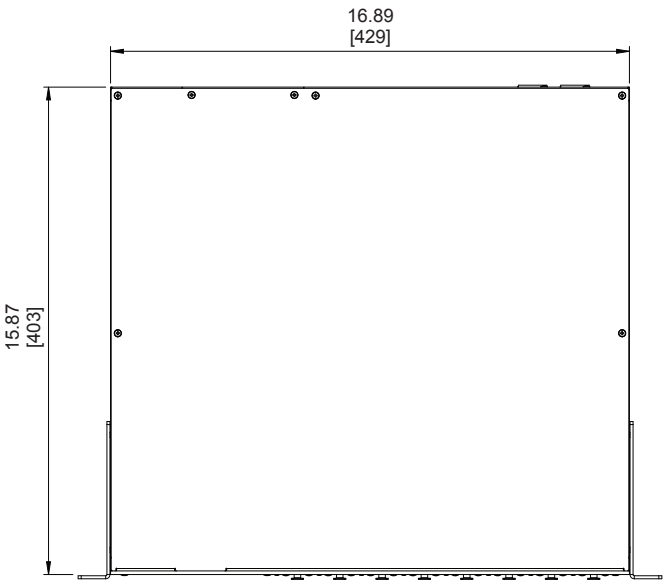
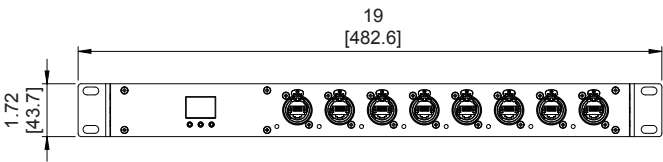
ProPlex® SGBS

SIMPLE GIGABIT SWITCHES  
10-PORT

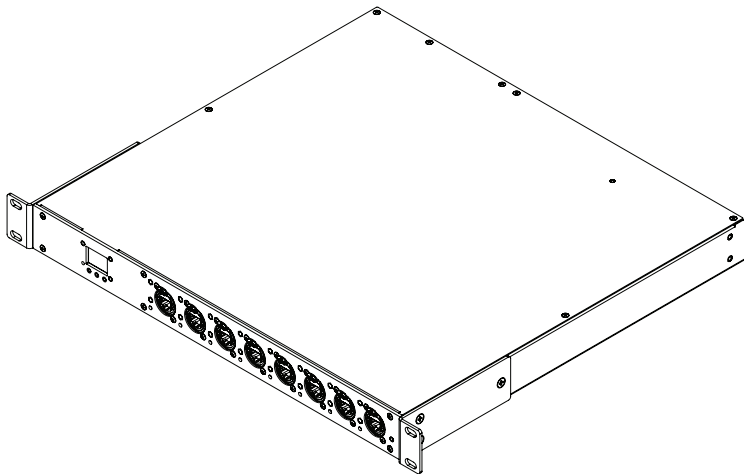


| ORDERING CODES |     |                                     |
|----------------|-----|-------------------------------------|
| Part Number    | PoE | Rear Connectors                     |
| PPSGBSPOE010RL | Y   | 2x EtherCON                         |
| PPSGBS010RL    | N   |                                     |
| PPSGBSPOE1D9RL | Y   | 1x EtherCON +<br>1x OpticalCON DUO  |
| PPSGBS1D9RL    | N   |                                     |
| PPSGBSPOE1Q9RL | Y   | 1x EtherCON +<br>1x OpticalCON QUAD |
| PPSGBS1Q9RL    | N   |                                     |
| PPSGBSPOE2Q8RL | Y   | 2x OpticalCON QUAD                  |
| PPSGBS2Q8RL    | N   |                                     |
| PPSGBSPOE1Q8RL | Y   | 1x OpticalCON QUAD                  |
| PPSGBS1Q8RL    | N   |                                     |
| PPSGBSPOE2D8RL | Y   | 2x OpticalCON DUO                   |
| PPSGBS2D8RL    | N   |                                     |
| PPSGBSPOE2L8RL | Y   | 2x duplex Optical LC                |
| PPSGBS2L8RL    | N   |                                     |

DIMENSIONS



Dimensions in inches [millimeters]



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