

**STORM** 

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# ProPlex<sup>®</sup>

DATA DISTRIBUTION

## GBS Mini Gigabit Switch



## USER MANUAL

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# INTRODUCTION

## PRODUCT OVERVIEW

ProPlex GBS Mini Gigabit Ethernet switches are designed for portable entertainment production and are part of the ProPlex Data Distribution range of products for complete touring show data management. Just a few features include:

- Built for extreme conditions. Shock-mounted circuitry. Advanced thermal management.
- Fibre via one heavy-duty OpticalCON QUAD connectors. OpticalCON DUO also available by special order.
- Single mode SFP available via special order
- Gigabit Ethernet: 5 ports with tour-grade EtherCON connectors. 5 Tour-Grade EtherCon Ports plus fibre connectivity via 1 heavy-duty OpticalCON QUAD connector.
- Compatible with a wide range of entertainment-specific protocols, including sACN, ArtNet, CobraNet, Dante, ETCNet, Ethersound, MA-Net, and more!
- Variable power input, 90-260 VAC, 50-60 Hz with PowerCON connector
- ProPlex “Blue Box” Portable mount, rugged tour-ready enclosure.

The rugged ProPlex GBS Mini is suitable for high-volume, multicast, video, audio, or lighting data streaming.

## UNPACKING INSTRUCTIONS

Upon receipt of the unit, carefully unpack the carton and check the contents to ensure that all parts are present and in good condition. Notify the shipper immediately and retain packing material for inspection if any parts appear to be damaged from shipping or if the carton itself shows signs of mishandling. Save the carton and all packing materials. In the event that a unit must be returned to the factory, it is important that it be returned in the original factory box and packing.

## POWER REQUIREMENTS

Before powering the unit, make sure the line voltage is within the range of accepted voltages. This unit accommodates 90-260 VAC, 50/60Hz. All units must be powered directly from a switched circuit and cannot be operated with a rheostat (variable resistor) or dimmer circuit, even if the rheostat or dimmer channel is used solely for a 0-100% switch.

## SAFETY INSTRUCTIONS



Please read these instructions carefully. This user guide contains important information about the installation, usage and maintenance of this product.

- Keep this User Guide for future reference. If unit is sold to another user, make sure they also receive this instruction booklet.
- Ensure the unit is connected to proper voltage, and that line voltage is not higher than that stated on the device.
- Make sure there are no flammable materials close to the unit while operating.
- Always disconnect from the power source before servicing or fuse replacement. Always use the fuse specified in this manual..
- Always use a safety cable when hanging unit overhead.
- Maximum ambient temperature (Ta) is 40°C (104°F). Do not operate unit at temperatures above this rating.
- In the event of a serious operating problem, stop using the unit immediately. Repairs must be carried out by trained, authorized personnel. Contact the nearest authorized technical assistance center. Only OEM spare parts should be used.
- Do not connect the device to a dimmer pack.
- Make sure power cord is never crimped or damaged.
- Never disconnect power cord by pulling or tugging on the cord.

## FUSE REPLACEMENT

The GBS Mini uses a 1.5A, 250V barrel fuse, 5x20mm (0.2x0.8 in.).

To replace fuse:



1. With a screwdriver, turn the fuse cap counter-clockwise to remove fuse cap with fuse.
2. Replace fuse attached to fuse cap.
3. Reinsert fuse cap with new fuse and tighten clockwise.

## WIRING

Connect the 90-260 VAC (50- 60 Hz) power to the power input (PowerCON) at the back of the unit.

## LED STATUS







-  Power ON
-  Power OFF

### The Power LED has two states: ON and OFF

- ON: Unit is receiving power
- OFF: Unit is not receiving power



-  Link is connected
-  Link is not connected
-  \* Link is active
-  Link is not active

\*blinking

### The Link Connection LED has two states:

- Glowing green: There is a link connection
- OFF: There is no link connection

### The Link Activity LED has two states:

- Blinking yellow: There is activity on the link
- OFF: There is no activity on the link

## WEIGHTS AND DIMENSIONS

- 3.6 x 8 x 10.7 in. [92 x 205 x 272 mm] w/yoke
- 5.6 lbs [2.54 kg]

# APPENDIX

## LIMITED WARRANTY

ProPlex Data Distribution Devices are warranted by TMB against defective materials or workmanship for a period of two (2) years from the date of original sale by TMB.

TMB's warranty shall be restricted to the repair or replacement of any part that proves to be defective and for which a claim is submitted to TMB before the expiration of the applicable warranty periods.

This Limited Warranty is void if the defects of the Product are the result of:

- Opening the casing, repair, or adjustment by anyone other than TMB or persons specifically authorized by TMB
- Accident, physical abuse, mishandling, or misapplication of the product.
- Damage due to lightning, earthquake, flood, terrorism, war, or act of God.

TMB will not assume responsibility for any labor expended, or materials used, to replace and/or repair the Product without TMB's prior written authorization. Any repair of the Product in the field, and any associated labor charges, must be authorized in advance by TMB. Freight costs on warranty repairs are split 50/50: Customer pays to ship defective product to TMB; TMB pays to ship repaired product, ground freight, back to Customer. This warranty does not cover consequential damages or costs of any kind.

A Return Merchandise Authorization (RMA) Number must be obtained from TMB prior to return of any defective merchandise for warranty or non-warranty repair. For all repairs please contact TMB Tech Support Repair using the contact information below or email [TechSupportRepairNA@tmb.com](mailto:TechSupportRepairNA@tmb.com).

### US

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

## RETURN PROCEDURE

Please send returned merchandise prepaid and in the original packing. Freight call tags will not be issued for shipping the product to TMB, but TMB will pay the freight for return to the customer. Clearly label package with a Return Merchandise Authorization Number (RMA #). Products returned without an RMA # will delay service. Please contact TMB and request an RMA # prior to shipping the unit. Be prepared to provide the model number, serial number, and a brief description of the cause for the return. Be sure to properly pack the unit; any shipping damage resulting from inadequate packaging is the customer's responsibility. TMB reserves the right to use its own discretion to repair or replace product(s). Proper UPS packing or double-boxing will better ensure product integrity when shipped.

**Note: If you are given an RMA #, please include the following information on a piece of paper inside the box:**

- 1) Your name
- 2) Your address
- 3) Your phone number
- 4) The RMA #
- 5) A brief description of the symptoms