

# GB Remote Control

## OVERVIEW

The GB Remote Control is designed to provide individual control for Backlight brightness, OSD functionality and Signal source for up to a maximum of x7 Glass Bridge Monitors.

To aid installation each Glass Bridge Monitor is equipped with two dedicated RJ45 connections marked Input & Output enabling a "Daisy Chain" to be configured between multiple Glass Bridge Monitors using standard and readily available Ethernet Patch cables. Each monitor is equipped with a Rotary SW to enable individual monitor's to be addressed (Serial ID).

User controls consist of: x7 'BLUE' LED indicators representing 1 to 7 Displays connected to the Remote Control. Three Pushbutton's (Menu, Select & Power) and a Rotary Knob with integrated Pushbutton for Backlight Brightness & Signal Source/OSD Setting.

The GB Remote Control has two "User Modes" - subject to the monitor RS232 interface not being used at the time e.g. ECDIS:-

### 1) Primary User Control (non Menu Mode):

The GB Remote Control is effectively 'In-Active' until a Glass Bridge Monitor is selected via the Select PB & indicated by designated illuminated LED (numbered 1 to 7).

Once a monitor is selected the "User" turns the Rotary Knob to control Backlight Brightness output level or presses the Rotary Knob to use the integrated PB feature to change signal source.

The Power PB is used to control the status of the selected Glass Bridge Monitor; ON or Standby - indicated by solid or slow 'Blinking' Blue LED on the Monitor.

### 2) Menu Mode:

Select the Menu PB whilst a Glass Bridge Monitor is "Active" to enter OSD Menu.

The Rotary Knob is used to navigate through Menu's and change settings in conjunction with it's integrated PB feature and the Menu Pushbutton.

The GB Remote Control becomes "In-Active" after 30 seconds.. When the Select PB is pressed the GB Remote Control defaults to the last known "Active" Glass Bridge Monitor...

#### Special Note:

Simultaneous Backlight Brightness Control of Multiple Monitors:-  
GB Remote Control is designed not to simultaneously control Backlight Brightness of multiple Glass Bridge Monitors.

Technically the function is possible (set all monitors to the same address) in practice the results may be considered unsatisfactory and therefore can not be guaranteed especially during daylight conditions due to varying sunlight/ambient light levels throughout the Bridge/Pilothouse area.

...Aadaptiv Technologies Limited recommend individual setting of each Monitor for optimisation.

## MECHANICAL DESCRIPTION

### Construction:

Finish: Front Panel - Bonded Glass  
Rear Housing - Brushed Aluminium  
Housing: Chemically treated Aluminium  
Front Sealing: Waterproof NEMA 6 / IP67  
Ventilation: Convection

### Mounting Style:

Flush Console Mounting (inch): Height from surface 10 (0.4")  
Rear Fixing Brackets  
Panel Cut-out (inch): 108 (4.25) W x 58 (2.28") H

### Dimensions:

Remote Housing (inch): 120 (4.72") W x 72 (2.83") H  
x 53.75 (2.12") D

### Weight:

Weight (kg): 0.3

### Connection:

Remote Control Interface: RJ45 Socket (Bottom Entry)

### User Controls / Indication:

'Active' Display + PWR Indicator': x7 'BLUE' LED + x1 'GREEN' LED  
Pushbuttons (x3): MENU (OSD Menu).  
SELECT ('Active' Display 1 to 7).  
POWER (ON/Standby).

Rotary Knob with Integrated PB:  
Rotary function:-  
Backlight Brightness &  
OSD Navigation.

Pushbutton function:-  
Signal Source & OSD Sub-Menu  
Selection.

### Environmental:

Operating Temperature<sup>2</sup>: 32 ~ +131°F / 0 ~ +55°C (IEC 60945)  
Storage Temperature: -4 ~ +140°F / -20 ~ +61 °C  
Operating Humidity: 30% ~ 95% (Non-Condensing)  
Storage Humidity: 10% ~ 95% (Non-Condensing)  
Shock: 10g, 11msec ½ Sine Wave  
Vibration: +/-1mm, 2 to 13Hz:0.7g 13 to 100Hz  
Note 2) We DO NOT recommend routine operation @ extreme temperatures

### Shipping:

Carton Size (cm) & Weight: 23 x 16 x 10 & 0.475 kg

## APPROVALS / WARRANTY

### Certification (Glass Bridge Monitor Series):

Maritime (Compliant): IACS E10, IEC 60945, IEC 61174  
(ECDIS), IEC 62388 (Radar) & ABS.

### Limited Warranty:

Warranty Period: 2 Year

## ORDERING CODE

### Configuration:

GB Remote Control: A7-0107-A

#### AAdaptiv Technologies

Barham Court, Teston,  
Maidstone, Kent ME18 5BZ  
United Kingdom  
T: +44 (0) 845 224 3045  
F: +44 (0) 845 224 3047

#### AAdaptiv Technologies

401 E.Las Olas Blvd, Suite 1400  
Fort Lauderdale, Florida 33301  
United States of America  
T: +1 954 302 8675  
F: +1 954 302 8680

#### AAdaptiv Technologies

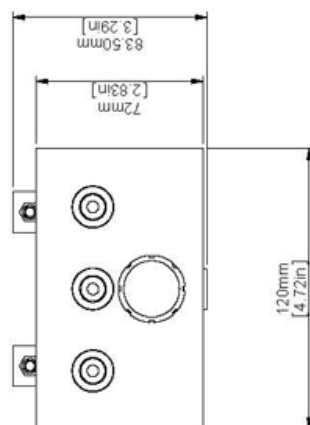
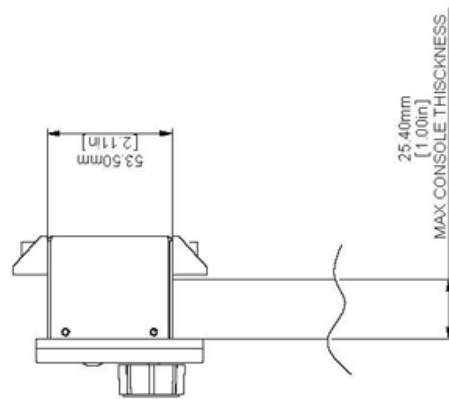
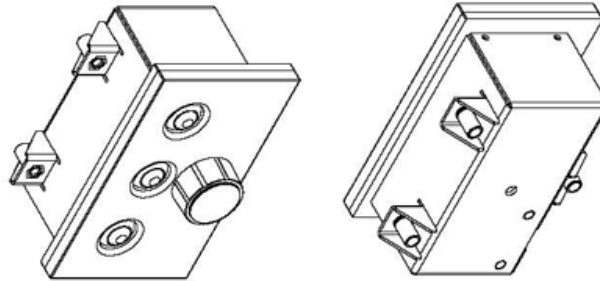
41, Les Jardins du Pinet,  
83350 Saint-Tropez  
France  
T: +33 (0)4 86 87 80 50  
F: +33 (0)4 86 87 80 70

#### AAdaptiv Technologies

Trondhjems gate 4  
2100 København Ø  
Denmark  
T: +45 3526 3262  
F: +45 3526 3269

URL: [www.aadaptiv.com](http://www.aadaptiv.com), E-Mail: [sales@aadaptiv.com](mailto:sales@aadaptiv.com)

# General Assembly & Dimensions



**AAdaptiv Technologies**  
 Barham Court, Teston,  
 Maidstone, Kent ME18 5BZ  
 United Kingdom  
 T: +44 (0) 845 224 3045  
 F: +44 (0) 845 224 3047

**AAdaptiv Technologies**  
 401 E. Las Olas Blvd, Suite 1400  
 Fort Lauderdale, Florida 33301  
 United States of America  
 T: +1 954 302 8675  
 F: +1 954 302 8680

**AAdaptiv Technologies**  
 41, Les Jardins du Pinet,  
 83350 Saint-Tropez  
 France  
 T: +33 (0)4 86 87 80 50  
 F: +33 (0)4 86 87 80 70

**AAdaptiv Technologies**  
 Trondhjems gate 4  
 2100 København Ø  
 Denmark  
 T: +45 3526 3262  
 F: +45 3526 3269

URL: [www.aadaptiv.com](http://www.aadaptiv.com), E-Mail: [sales@aaadaptiv.com](mailto:sales@aaadaptiv.com)