**WARRANTY/DISCLAIMER**

NEWPORT Electronics, Inc. warrants this unit to be free of defects in materials and workmanship for a period of one (1) year from the date of purchase. In addition to NEWPORT’s standard warranty period, NEWPORT Electronics will extend the warranty period for one (1) additional year if the warranty card enclosed with each instrument is returned to NEWPORT.

If the unit should malfunction, it must be returned to the factory for evaluation. NEWPORT’s Customer Service Department will issue an Authorized Return (AR) number upon request. Upon examination by NEWPORT, if the unit is found to be defective, it will be repaired or replaced at no charge.

NEWPORT’s WARRANTY does not apply to defects resulting from any action other than normal usage, including but not limited to mishandling, improper interfacing, operation outside of design limits, improper repair, or unauthorized modification. This WARRANTY is VOID if the unit shows evidence of having been tampered with or shows evidence of being damaged as a result of excessive corrosion, or heat, moisture or vibration; improper specification; misapplication; misuse or other operating conditions outside of NEWPORT’s control.

**THESE PRODUCTS ARE DESIGNED, MANUFACTURED AND TESTED TO MEET THE REQUIREMENTS OF THE FDA FOR USE AS A MEDICAL DEVICE, THEY ARE NOT DESIGNED FOR USE IN MEDICAL APPLICATIONS OR USED ON HUMANS. SHOULD ANY PRODUCT(S) BE USED, NOR SHALL IT BE USED: (1) AS A “BASIC COMPONENT” UNDER 10 CFR 21 (NRC), USED IN OR WITH ANY NUCLEAR INSTALLATION OR ACTIVITY; OR (2) IN MEDICAL APPLICATIONS OR USED ON HUMANS. ANY PRODUCT(S) BE USED IN OR WITH ANY NUCLEAR INSTALLATION OR ACTIVITY, MEDICAL APPLICATION, OR USED ON HUMANS, OR MISUSED IN ANY WAY. NEWPORT ASSUMES NO LIABILITY FOR ANY DAMAGES THAT MAY RESULT FROM THE USE OF ITS PRODUCTS IN ACCORDANCE WITH INFORMATION PROVIDED BY NEWPORT, EITHER VERBAL OR WRITTEN. NEWPORT WARRANTS ONLY THE PARTS MANUFACTURED BY IT AND NOT FOR DEFECTS RESULTING FROM USE OF THIRD PARTY COMPONENTS OR PARTS MANUFACTURED BY OTHERS, OR ANY OMISSIONS OR ERRORS NOR ASSUMES LIABILITY FOR ANY DAMAGES THAT MAY RESULT FROM THE USE OF THIS PRODUCT IN ACCORDANCE WITH INFORMATION PROVIDED BY NEWPORT, EITHER VERBAL OR WRITTEN. NEWPORT WARRANTS ONLY THE PARTS MANUFACTURED BY IT. NEWPORT ASSUMES NO LIABILITY FOR ANY DAMAGES THAT MAY RESULT FROM THE USE OF THIS PRODUCT IN ACCORDANCE WITH INFORMATION PROVIDED BY NEWPORT, EITHER VERBAL OR WRITTEN.

NEWPORT holds NEWPORT harmless from any liability or damage whatsoever arising out of the use of the Product(s) in such a manner. In no event shall NEWPORT be liable for any consequential, incidental or special damages.

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**RETURN REQUESTS/INQUIRIES**

Direct all warranty and repair requests to the NEWPORT Customer Service Department. BEFORE RETURNING ANY PRODUCT(S) TO NEWPORT, PURCHASER MUST OBTAIN AN AUTHORIZED RETURN (AR) NUMBER FROM NEWPORT’s CUSTOMER SERVICE DEPARTMENT (IN ORDER TO AVOID PROCESSING DELAYS). The assigned AR number should then be marked on the outside of the return package and on any correspondence. The purchaser is responsible for shipping charges, freight, insurance and proper packaging to prevent breakage in transit.

FOR WARRANTY RETURNS, please include the following information available BEFORE contacting NEWPORT:

1. P.O. number under which the product was PURCHASED.
2. Model and serial number of the product under warranty.
3. Repair instructions and/or specific problems relative to the product.

NEWPORT’s policy is to make running changes, not model changes, whenever an improvement is possible. This affects our customers the latest in technology and engineering.

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**WIRELESS OPTION**

**Menu Button Operation**

To activate the “MODE” button, press the top of the stylus over the “MODE” button and hold for three seconds until the menu enters the “MODE” menu.

Then move away the magnetic stylus. Each time the magnetic stylus is again placed near the “MODE” button, the meter will step through each parameter.

**Menu Button Operation Cont’d**

For more information, refer to the “Menu Button Operation” section.

**Set Button Operation**

The “SET” button has two primary functions. Independently the button is used to turn the backlighting on. To activate the “SET” button, place the tip of the magnetic stylus over the “SET” button and hold for three seconds until the backlighting turns on. The backlighting will remain on for the amount of time you selected during the setup and configuration process.

Note: if you selected “Always On” when setting the meter up, then the “SET” button will not turn the backlighting on from the front keypad.

When in the “MODE” menu, the “SET” button is used to turn the wireless transmitter “On” or “Off” and also to select the unit of measurement.

**DPG409 Series High Accuracy Digital Pressure Gauge**

For complete product manual: www.newportUS.com/manuals

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<th>Low Value</th>
<th>Value</th>
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Using This Quick Start Manual

Use this Quick Start Manual with your DPG409 Series high accuracy digital pressure gauge for quick installation and basic operation. For detailed information, refer to the User’s Guide (Manual Number M4978A).

General Description

The DPG409 Series Digital Pressure Gauges incorporate rugged, 316 Stainless Steel enclosures that are designed specifically for wash-down, sanitary and marine applications. The large backlit LCD display features 1” high digits that make reading at distances up to 35 feet easy. Models are available with integral standard or sanitary pressure sensors that incorporate highly stable silicon wafer technology which is micro-machined to precision tolerances and then has strain gauges molecularly embedded.

The DPG409 is NEMA 4X rate (water tight, dust tight, corrosion – resistance - indoor & outdoor use). The pressure gauge can be installed in locations where it will be intermittently exposed to spraying water, rain or high humidity. The meter should never be used under water.

Software Installation

Insert the software CD that was included with your unit into the CD-ROM drive on your PC.

Switching On Your DPG409 Meter

Before you connect your USB cable to the USB programming connector on the DPG409, you will need to switch on the unit.

Setting Up Your Meter

Connect the USB Programming cable included with your unit to your PC and your meter.

Battery Installation/Replacement

To install or replace the battery in your DPG409, you must first remove the four screws located on the Lid of the enclosure. This will allow you to remove the meter assembly and access the battery holders.

Battery Placement

The DPG409 requires only one battery for normal operation (Battery 1). A second battery (Battery 2) can be added to extend operation when on battery power. It is also recommended that the additional battery (Battery 2) be installed for models that include the optional wireless transmitter.

Installation

Mounting

For mounting dimensions refer to the User’s Guide, Page 4-1, Figure 4-1.

Ambient Temperature

Your meter should only be installed in locations that maintain an ambient temperature between -18 to 66°C (0 to 150°F).

Battery Installation/Replacement

To install or replace the battery in your DPG409 pressure gauge you must first remove the four screws located on the Lid of the enclosure. This will allow you to remove the meter assembly and access the battery holders.

Analog Output Options

Model DPG409 requires only one battery for normal operation (Battery 1). A second battery (Battery 2) can be added to extend operation when on battery power. It is also recommended that the additional battery (Battery 2) be installed for models that include the optional wireless transmitter.

Configuring your Meter

The Digital Gauge Configuration Wizard will open once you have launched the DG Configuration Wizard software. Follow the step-by-step instructions given to you by the Configuration Wizard. Step 5 - Choose Options: Select the type of analog output your application requires. You can leave the default setting if you will not be using the analog output feature.

Keypad Operation

A magnetic stylus is attached to your meter. This stylus is used to activate the front buttons on the display. If you do not need to view the “MIN”, “MAX” or “AVERAGE” readings during normal operation, or have a need to turn the backlight on during normal operation you can remove and store this stylus. You will need to select “Disable Keypad” during the setup and configuration process.

Magnetic Stylus

The “MODE” button and “SET” buttons located on the front of the display of your meter are activated by waving or tapping the magnetic stylus included with your unit above or onto the keypad button symbol on the front meter label.

Wiring (Power, Analog Output)

For alarm wiring information refer to the User’s Guide, Page 4-4, Figure 4-5.