Artisan Controls Corporation designs and manufactures in the US thousands of standard and custom controllers for companies throughout the world. We are proud to announce the roll out of our **Next Gen** version of Artisan's popular *Model 4970 Countdown Controller* which includes some amazing **new features**. This popular panel mounted controller has been redesigned with *improved packaging* for operations in harsh environments and software upgrades that allow *unmatched flexibility* for easy configuration of the *timing ranges* and *alert features*.

Timing Cycle: The available timing ranges can now be limited to a single time (ie: 2:00 mins), a range of time values (ie: 1:30 mins - 10:00 mins), or left at the full range (00:01-99:59 mins).

End of Cycle Alerts: The **Audio Alert** can be configured to be *off*, or *on* for a specific length of time or *on* indefinitely until a key is pressed by the operator. The beeping pattern can be set as a *triple beep* or a *continuous tone*. The **LED display** can now be configured to remain **on steady** or *flashing* at the end of the timing cycle. Both the Audio and LED alerts can now be set to warn the user at a precise time prior to the end of the timing cycle, if desired. See the Cycle Alarm features below.

Relay Output: The output relay can be on during the timing cycle (standard countdown), or turn on only at the end of timing cycle for the configured cycle notification length or for 1 second.

Power Savings: The LED display can be set to be on continuously, to dim after 1 minute or shut off after 1 minute to conserve power.

Cycle Alarm: The 4970 can now be configured to sound an *Alarm* at a specified time *before the end of the timing cycle*. This *Alarm* can be set as a combination of LED display flashing and/or beeping audio patterns to differentiate the Cycle Alarm from the end of the timing *Alert*.

Electrical Specifications:
Operating Voltage - 12V DC, 24V AC, 115V AC, and 230V AC, 50/60Hz.
Timing Accuracy - ±0.5%.
LED display - 0.56" high intensity red LED.
Output Relay - 20A resistive or inductive.
Operating Temperature - 0°C to 70°C.
Mounting - 2.62" square opening, bracket with single mounting nut.

NEW Model 5100 Countdown Controller - For those customers that require memorizing three different timing ranges for various applications, Artisan has just completed the design of our NEW 5100 Countdown Controller which incorporates all of the features of our NEXT GEN 4970 but allows the user to store *three preset count down time values*. The operator simply presses and holds the A, B, or C button until the controller chirps twice and the desired time is saved. To recall the time; the user merely presses any of the three preset buttons once and the previously stored time is recalled from the units non-volatile memory. Simple and efficient for a variety of applications.
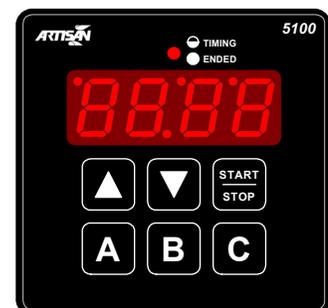
Customize Your Controller - You can now order your 4970 or 5100 Controller with either RED, BLUE or GREEN LED displays depending on your specific requirements. Artisan can also private label the Controller or change the button legends or software to accomodate your specific needs.

TIMING
ENDED

START
STOP

3" SQ.

2.63 Square Minimum
Panel Cutout Required

SEALING GASKET AVAILABLE

2.50 MAX.

Tactile Switch
Under Button

Plastic Button Molded
Into Front Face

Polyester
Overlay

High Strength Adhesive

Molded
Frame

Recess Providing
Edge Protection
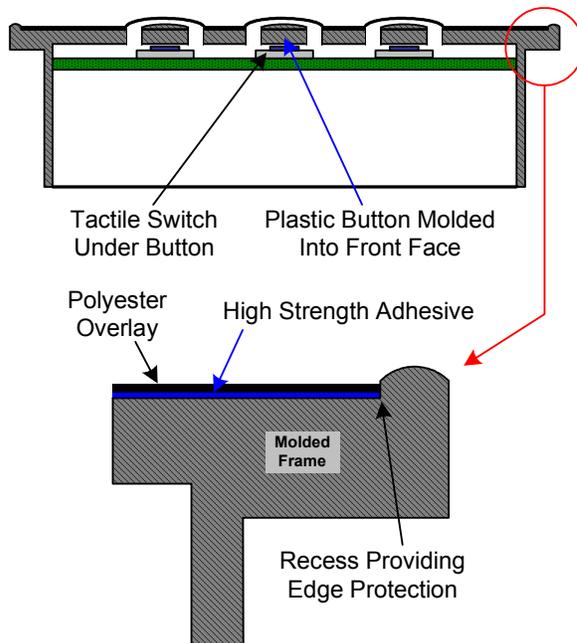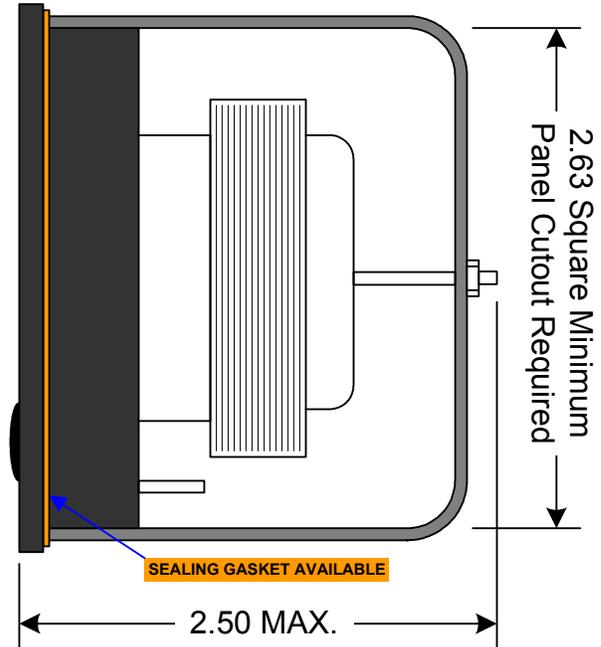
4970 Series Design Upgrades

In addition to the numerous *software* upgrades listed on page 1 Artisan Controls has upgraded the *packaging* of the 4970 series of controllers by creating an entirely new front panel design which provides improved sealing and strength for environments which are high in moisture and physical abuse.

This new design uses a pure polyester overlay for greater flexibility and chemical resistance, provides mechanical protection of the edges of the overlay to prevent peeling, and uses an adhesive which provides a better bond than the standard adhesives used in these applications.

Artisan has also designed a sealing gasket which provides the ultimate in sealing of the entire front panel of the controller.