

Digital Tachometer / Hour Meter

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The Digital Tachometer / Hour Meter is a general purpose, ignition spark lead based instrument. Mount it anywhere using the included Velcro patch. Works with two or four stroke engines; also includes a job (oil change) interval countdown timer.



1. Tachometer / Hour Meter shown with backlight on

FEATURES & SPECIFICATIONS

- ✓ Small size, 2 5/8" x 1 3/8" (67mm x 35mm)
- ✓ Easy Installation, use with Velcro patch anywhere (included)
- ✓ Standard coin battery power is included (CR2032)
- ✓ Basic Interface board available separately, allows +8 to +32v power supply and LED capable signal output.
- ✓ 60" cable harness – standard (1.5 meter)
- ✓ Crisp LCD display
- ✓ Green backlight
- ✓ IP65 water rating
- ✓ ROHS compliant

OPERATION

1. **Stroke setting** – press the MENU button several times until the current stroke setting appears. Default is “1P1R”. There are eight options, and they include:

- 1P1R – 1 spark per 1 revolution
- 2P1R – 2 spark per 1 revolution
- 3P1R – 3 spark per 1 revolution
- 4P1R – 4 spark per 1 revolution
- 6P1R – 6 spark per 1 revolution
- 3P2R – 3 spark per 2 revolution
- 5P2R – 5 spark per 2 revolution
- 1P2R – 1 spark per 2 revolution

To change, hold the MENU button down until the display starts to flash. Then touch the SET button until you’ve rolled around to your preferred setting. Just wait a few more seconds, and the unit will go back to the TOT main screen.

2. **Refresh rate setting** – press the MENU button several times until the current rate setting appears. Default is “0.5”. There are two options, and they are:

- 0.5 – Screen refreshes every half second
- 1.0 – Screen refreshes every second

To change, hold the MENU button down until the display starts to flash. Then touch the SET button until you’ve rolled around to your preferred setting. Just wait a few more seconds, and the unit will go back to the TOT main screen.

3. **RPM display** – the current RPM is displayed when the engine is running. When the engine stops running, the TOT main screen is shown with updated time.

4. **MAX RPM display** – press the MENU button several times to enter into the MAX RPM display screen. You’ll see the MAX RPM since the engine was turned on.

5. **RPM alert setting** – Press MENU several times into the alert setting screen. The default is 8500 RPM.

To change, hold the MENU button down until the display starts to flash. A short press on the MENU button will decrease the value. A short press on the SET button will increase

the value. Just wait a few more seconds (after you're done making changes), and the unit will go back to the TOT main screen.

When the actual RPM of the engine is higher than the RPM Alert value you set, the RPM alert icon will flash, along with the actual RPM. It will flash 5 times every half second, then stop for 3 seconds. The pattern repeats until you reduce RPM.

6. **Total hours TOT screen** – When the engine shuts down, the LCD interface will show total TOT time.
7. **Backlight control** – touching either the MENU or SET button briefly will turn on the backlight for two seconds.
8. **Job Timer screen** – Press MENU two times, the screen will display the JOB timer. This is the current session time, since the engine started.

To zero, hold the MENU down for several seconds.

9. **SVC service time display** – Press MENU three times, and the LCD interface will show the service time. This is a countdown timer. It is typically used for oil change advisories, or for 100 service interval reminders. Use it to suit your preference.

To change, hold the MENU button down until the display starts to flash. A short press on the MENU button will decrease the value. A short press on the SET button will increase the value. Just wait a few more seconds (after you're done making changes), and the unit will go back to the TOT main screen.

The allowable range of values is 0 to 200 hours.

When SVC is flashing, press MENU or SET to clear.

After SVC is cleared, it enters into the next countdown cycle automatically.

10. **Battery level** – A battery icon in the upper right hand corner of the LCD interface shows the current battery level. It shows a range from four bars down to empty (no bars). It will flash when the battery needs replacing.

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WARRANTY: Your new RADIANT Technology instrument carries a one year warranty. Please contact us at support@beliteaircraft.com should your product need warranty service. International warranty service will be charged US\$50.00 for repairs, which includes return shipping after repair. Payment must be received before service begins.

RETURN/REFUND INFORMATION: Must be returned in new, resalable condition within 14 days.

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