

# illumiNova®

## Fixed Mount Stroboscopes



## FAQs

### Frequently Asked Questions: Operation



#### **Does the illumiNova Stroboscope automatically increase flash intensity when the strobe's signal is connected as the speed increases?**

No, the illumiNova does not increase intensity with flash speed or connection. However, you may change the flash intensity through two methods. One way is to set the flash brightness through the menu brightness (BRITE) control which does not change flash duration. However, by increasing the flash duration, brightness is also increased but the object illuminated may look fuzzy or blurry due to a longer observation time of the moving object. For a detailed explanation, see the [illumiNova® Instruction Manual](#) - specifically the section on BRIGHTNESS - BRITE.



#### **Can you connect multiple illumiNovas for greater coverage?**

Indeed, you can! To connect/run multiple illumiNova Stroboscopes, the PRIMARY strobe will have the output connected to the SECONDARY strobe. Each daisy-chained strobe needs to be set to External Mode. With handheld strobes, insertion of the plug into the input jack automatically sets strobe to external mode but the illumiNova must be set through the control panel. Attaching the Remote Controller to an illumiNova will automatically allow it to act as a parallel to the control panel. The strobe may be controlled by either the illumiNova's control panel or the [illumiNova® Remote Controller](#). Please note that when illumiNova strobes are daisy-chained, each subsequent strobe will have a small delay in adjustment of RPM (2 – 3 seconds).



#### **Can you use one (1) Remote Controller to turn ON more than one illumiNova?**

Yes! The illumiNova has Standby - STDBY feature that determines if the LEDs start flashing or not when the unit is powered up. If the second strobe is shut off with the LEDs illuminated, they will be illuminated when it is turned back on. Standby mode is programmed through the MISC mode setting; details can be found in the [illumiNova® Instruction Manual](#) - specifically the section on STANDBY - STDBY.



#### **Can you control the brightness of the LEDs?**

Yes! Brightness may be controlled through BRITE in the menu and set to HI, MED, or LOW. Brightness may also be increased through the WIDTH selection in the menu. Perceived brightness can be increased by increasing the amount of time the LED is illuminated. Illumination time is controlled by either the Degree of Rotation Adjustment - DEG or the Percent of Duty Cycle Adjustment - PCNT. A crisper image is gained by a shorter duration flash. A brighter illumination is given by increasing the duration the LEDs are on. However, when the LED is on longer, the image appears to blur or become fuzzy since movement can be seen during the illumination.



#### **Can multiple setups be saved?**

Yes, as the illumiNova has ten (10) memory locations (RM1, RM2...RM10) from which to load the memory setting.



#### **What are the engineering units for displayed flash rate?**

Options are Revolutions Per Minute (RPM), Revolutions Per Second (RPS), Flashes Per Minute (FPM), or Flashes Per Second (FPS).



#### **Can the illumiNova be used as a process work/task lamp?**

Yes. The ON Mode may be selected in the MODE menu option. In this mode, the strobe is continuously on.

