

## Facts and Tips:

- 1) The Lamp Mode selected from the projector menu.**  
Many of Mitsubishi's projectors feature a dual lamp mode, which allows users to select from two modes of operating brightness: one is "Standard Mode" which is capable of attaining the maximum brightness the projector is specified to reach, and the other is "Eco Mode", which runs at a slightly lower brightness, typically 15% to 20% less bright, but still bright enough while conserving lamp life and lowering overall operating noise level.
- 2) Air temperature around the projector during operation.**  
Warm air and/or poor ventilation can significantly shorten the lamp life. Be sure not to block or restrict the flow of air to and from the vents of the projector. When installed on the ceiling or in a built-in enclosure, be sure to allow for proper air circulation around the projector. If your projector uses a filter, make sure that the filter, in addition to its vents, are always kept clean through periodic cleaning.
- 3) The number of times you turn the projector on and off.**  
Frequently turning the projector on and off can shorten the projector lamp life. Each time a projector is turned on, a significant amount of power is required to strike the lamp for it to start up; this powerful strike to the lamp wears the lamp out significantly more than when the lamp is under constant, normal operation.
- 4) Interfering with the projector's cooling down cycle.**  
Projectors typically have a cooling down period of up to 120 seconds or two minutes after you shut it off using the standby power button. If AC power is cut off from the projector during this cooling down period, the fan stops running prematurely and the lamp may not cool down properly\*. So do not unplug power to or turn off the main power switch from the projector during this cooling down cycle. This is indicated by a blinking power LED light. When this LED light stops blinking, the projector lamp has cooled down properly and power can be terminated. Do not plug the projector into an AC outlet controlled by a light switch or a timer. If the projector is plugged into an AC power strip or surge protector that contains a power switch, do not use that switch to turn the projector off.

\*NOTE: Flickering may occur as a result of removing AC power during the shut down period when the projector is next used.

## Frequently Asked Questions about Projector Lamp Life:

- 1) What is lamp life rating in general?**  
Just like all light bulbs in the market, an expected life expressed in number of hours is given as one of its important specifications. This lamp life rating is not guaranteed in any way. For projector lamps that are used under normal operating conditions of about two, up to four hours per day in a clean, relatively dust-free and temperature controlled environment, a lamp is expected to last through its entire rated lamp life. However, for more extraneous and stressful usage, a lamp will normally not last as long as it is rated to last. Lamps used in projectors that are operated in 24-hour, 7 days a week environment will very likely not last its entire life. In fact, even the projector itself may expire sooner under 24/7 usage when the unit is not specifically designed for such applications.
- 2) What is Eco Mode?**  
Eco Mode is a feature that Mitsubishi incorporates in its newer models of projectors. It allows the user to display images with sufficient brightness while extending lamp life and lowering overall operating noise level.
- 3) How does Eco Mode conserve lamp life?**  
When eco brightness mode is selected, the projector operates at about 80% of its maximum brightness. At this mode, the projector lamp counter actually slows down its lamp-hour counting process. For example, during standard brightness mode, the projector accumulate lamp hours at the normal speed of 60 seconds per minute, however, during eco mode, the counter slows down to accumulate 75-85 seconds per minute depending on the projector model, thus allowing the accumulation process to take longer before reaching the peak lamp life. In other words, the peak hour setting in the projector itself does not change, however the time it takes to reach the peak hour can differ in speed depending on the lamp mode selected.