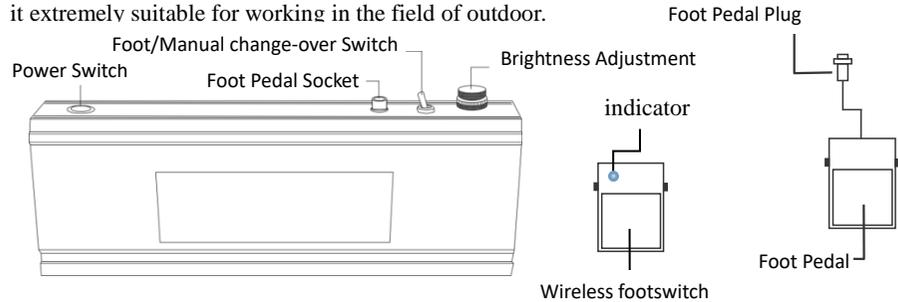


LED Industrial Film Viewer

User's Manual

Instruction

The LED Industrial X-Ray Film Viewer FM1000/FM2000 combines advantages of both domestic and overseas film viewers, overcome various defects of traditional fluorescent lamp film viewers, such as low luminance, poor contrast and short lifetime. Meet requirements of EN25580:1992; ASTM E1390-90 and ISO5580:1995. The portable and sturdy design, making it extremely suitable for working in the field of outdoor.



Features

1. Built-in imports of ultra-high-power light-emitting diodes, the maximum power consumption is 50W.
2. Long life-time: Work time >60000 hours, 10 times longer than fluorescent lamps. With a dedicated overcurrent and temperature protection system for further prolonging lamp life.
*Work time means the luminance of the light decreased to 70% of original.
3. Unlimited Dimmer for LED: Adopt PWM to finalize 2%-100% wide range unlimited dimmer.
4. No warm-up time is required, very suitable for the need to frequently switch, and the frequency of start-up will not influence the life-time of LED.

Main Specification:

1. Max. Light Intensity: FM1000-100000cd/m² FM2000-160000 cd/m²
2. Observable film blackness: FM1000-4.0/FM2000-4.5
3. Average Color Temperature: 6500K
4. Viewing Window Evenness: 0.9
5. Scattering Coefficient: 0.9
6. Size of Viewing Area: FM1000-200×60mm/FM2000-220×75mm
7. Power: FM1000-170V~250V/FM2000-100V~240V
8. Max. Power Consumption: FM1000-60W/FM2000-150W
9. Dimension: FM1000-456mm×142mm×68mm/FM2000-455mm×154mm×68mm
10. Weight: FM1000-3.2kg/FM2000-3.5kg

Usage Tips:

Brightness adjustment knob clockwise from dark to light, pay attention to set the knob to the darkest before use so as not to turn on the lights glare!

Foot Mode (Recommended): Turn the change-over switch to “ON”, enable the foot switch. Plugged in, then turn the power switch to “ON”, and the viewer will start-up in the minimum luminance, with its’ help, your eyes will be protected. Whenever you press down the foot switch, the viewer will start-up in the luminance that you have already set, you can adjust the luminance by unlimited dimmer.

Wireless footswitch (Optional): The wireless footswitch banned the tedious of wired foot pedal; five meters distance can be used freely.

There are two modes of wireless footswitch:

Mode 1: Traditional mode, the viewer lights up when depressing the foot pedal, lights off when lifting.

Mode 2: The viewer will be lights up when depressing the foot pedal, and remain lit when lifting; when depressing the foot pedal for the second time, the viewer lights off, and remain keeping lights off state when lifting.

Mode Switch: Keep in depressing the foot pedal 7 times, and less than 2 seconds each time, then waiting for 3 seconds, the red light flashing, means setting successfully. The foot switch transform from the current mode into another.

Battery Instruction: The battery needs to be charged when the viewer has no action by stepping the pedal, and the indicator flashing. Plug in the charger, the green light flashing when charging, and continuous being on when fully charged.

Hand Mode: Turn the change-over switch to “OFF”, disable the foot switch. Plugged in, then turn the power switch to “ON”, and the viewer will start-up in the luminance that you have set; the luminance can be adjusted by dimmer.

Trouble Shooting:

Case 1: No matter how to adjust the dimmer, the luminance is low and fixed.

Solution: Check the change-over switch in “ON” or “OFF”. If it in “ON”, means you choose to use foot mode, so whenever you press down the foot pedal, the viewer will start-up in the luminance that you have set, the luminance can be adjusted by dimmer.

Case 2: Plugged in, and turn on the power switch, but the viewer is dark.

Solution 1: Firstly check the change-over switch in “ON” or “OFF”. If in “ON”, means you choose to use foot mode. Secondly check if you have plugged the foot pedal into viewer or not. If yes, and this kind of case still remain, please contact us without delay.

Solution 2: Firstly check the change-over switch in “ON” or “OFF”. Then turn the change-over switch to “OFF”, means you chose to use hand mode. If you do this operations, this kind of case still remain, please contact us without delay.