

CLARION LITE

Electronic Starting Device (ESD)

Operating Instructions

CHARGE THE BATTERY: Plug the charger into a 110 volt AC power source and the cable into the Charge outlet on the LITE. It takes no more than 1.5 hours to charge the Li (Lithium ion) battery in the LITE. The battery is fully charged when the Red light on the back of the charger turns Green.

INSERT THE MICROPHONE PLUG on the Gray cable (with or without the adapter) into the appropriate outlet on the P.A. (public address) system being used.

INSERT THE PHOTO FINISH plug into the photo finish device that will transmit the start signal to the photo finish computer.

INSERT THE BLUE PLUG on the end of the gray cable into the bottom of the LITE. Rotate the plug until it aligns properly and fully inserts. Tighten the screw around the plug to fully attach the plug and cable to the LITE.

SOUND SWITCH: Set the Gun/Tone switch to the Gun or Tone position. The Tone sound is louder and more distinct than the Gun sound. Tone starts are listed as being legal in the HS, NCAA & IAAF Rule Books and will not cause any problems with people thinking a real gun is being fired.

ON/OFF: Slide the power switch on the LITE to the ON position. The Battery light will illuminate red for a very short period. It will then go out and the Status light will be ON and steady. This is the indication that the LITE is ready for use. Leave switch in the ON position until the meet is finished. Turning the Power switch Off and On during the meet may trigger a start signal to the photo finish unit.

STARTING A RACE: Press the START button for the Start signal. A single gun or tone sound will generated and be audible from the P.A. system being used. The high-intensity LED Start-light at the top of the LITE will also illuminate. The Status light will start to blink.

RECALL: Within 2 seconds of pressing the START button for the Start signal, press the START button again to generate the RECALL signal. The RECALL signal is a multiple Start signal (Beep-Beep-Beep-Beep or Bang-Bang-Bang-Bang) generated through the P.A. system being used. The high-intensity LED Start-light will not illuminate.

RELOAD: After starting a race, the LITE will need about 6 seconds to internally charge for the next Start signal. When recharging, the Yellow 'status' light will begin flashing. When the 'status' light stops flashing and is solid Yellow, the device is ready to start another race.

RECHARGING: The LITE should be recharged before every meet. **Note: The unit has been tested to generate a start and recall signal over 150 times over a 5+ hour period without the battery needing to be recharged .* When the Red 'Battery Status' light (located next to the Yellow 'Start Status' light) comes on the LITE should be recharged as soon as possible.