

Instructions - Torch

Wind the handle at a steady rate approx 130rpm (either direction) for 1 full minute (Note that Charge Indicator lamp lights when handle rotation rate is sufficient. Press the rubber button to cycle through operating modes (OFF / ON 5xLED / ON BLINKING / ON 1xLED). More winding will increase the stored energy and will extend operating time. Approx 25-30 minutes of 5xLED light is provided for each minute wound (Blink mode approx doubles this operating time or 1xLED mode approx triples this operating time). Do not leave ON if light output starts to dim - switch OFF & re-wind for 1 minute. When torch is OFF note that one of the main LED's glows very faintly to assist locating torch in the dark.

Instructions - Cycle Bracket

Loosen Cycle Bracket wing nut and open the clamp. Secure to handle bar and tighten the wing nut by hand only. (use the supplied rubber strips if handlebar diameter is smaller than clamp). Engage the torch body on to the clamp, sliding the torch backward until it clicks into place. To remove torch from clamp, tilt front of torch up slightly so that detent can escape front edge of generator handle, whilst sliding torch forward by hooking your fingers under the clamp wings, and pushing the torch forward with your palm (see fig.1).

Instructions - Rear Lamp

Connect rear lamp to main lamp with supplied cable. Wind the charge handle to charge rear lamp battery. (Approx 1min for each ½ hr of light required). Disconnect the lead before cycling. Mount the rear lamp as appropriate using the bracket (& rubber strips) provided. The rear lamp switch (located at the side of the rear lamp) has three positions:- OFF / ON / BLINKING. Blink mode will operated approx double the duration of ON mode.

Instructions - Clock / Stop Watch

The onboard digital clock has 4 modes which are accessed by repeatedly pressing **MODE** :- Clock Display (Default) -> Stopwatch -> Alarm Setting -> Clock Setting ... etc.

CLOCK DISPLAY MODE: Shows current time. Press & hold **START STOP** to momentarily display current date. Press & hold **SPLIT RESET** to momentarily display the current Alarm time. Press **START STOP** & **SPLIT RESET** together to turn Alarm function ON/OFF.

Press **MODE** to select desired mode, then follow the instructions below:-

STOPWATCH MODE: Press **START STOP** to Start or Stop the watch. While the stopwatch is running press **SPLIT RESET** to freeze the display (split - time) - the watch continues running unseen. Press **SPLIT RESET** again to un-freeze the display. To reset the stopwatch, stop the watch, then press **SPLIT RESET** to reset the watch to zero.

ALARM SETTING MODE: Press **SPLIT RESET** to move the flashing cursor display between Hours & Mins. Press **START STOP** to advance the flashing digits as required. (Holding **START STOP** causes the digits to advance rapidly). Note that when advancing the Hours beyond 11 the AM/PM indicator will change. Press **MODE** to save changes and return to normal Clock display. NOTE: When the preset alarm time is reached the entire display will blink. Press **SPLIT RESET** to stop the blinking. (There is no audible alarm)

TIME SETTING MODE: Press **SPLIT RESET** to move the flashing cursor display through:- Seconds -> Mins -> Hrs -> Date -> Month -> Weekday. Use the **START STOP** button to advance the flashing digits as required. Press **MODE** to save changes and return to normal Clock display.

Press **LIGHT** to illuminate the clock display for 3 seconds.

Instructions - Mobile Phone Emergency Charger

Wind the handle at a steady rate approx 130rpm (either direction) for 1 full minute. Then connect the Phone Charge wire to the Auxiliary socket of the torch. Connect the other end of the wire to a Nokia phone (for other phones, use the supplied adapter). Continue to wind the torch and note charging indication on your phone display. Approx 1 minute winding will provide about 2 minutes of talk-time depending on the condition of the phone's battery. Winding can continue to prolong the conversation if required. Some phone models will not accept the Magic Torch charge voltage if they already have sufficient battery power. This charger is designed to only charge phone batteries that are almost exhausted.

Fig.1

