

BEFORE USING THE SCREWDRIVER

BATTERY INSTALLATION

- Remove the battery cover.
- Insert one AAA batterie matching the -/+ polarities of the battery to the battery compartment.
- Put on the battery cap and fasten it tightly according to the following figures.

POWER ON AND RESETTING THE SCREWDRIVER

- Press **C** to power on the digital torque screwdriver.
- Usually press **C** to reset the digital torque screwdriver before using it.



ATTENTION:

If an external force is applied to the torque screwdriver during power-on/ reset or wake up period, an initial torque offset will exist in the memory.

ACTIVATION DURING SLEEP MODE

- The screwdriver will auto sleep after about 5 minutes idle for power saving. Press **C** to wake up the screwdriver again.

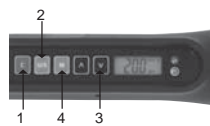
CAUTIONS:

During communication period (**Send** appears), the sleep function is disabled.

RESETTING THE SCREWDRIVER

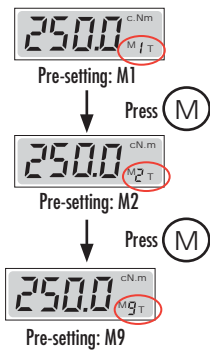
- If the screwdriver does not function normally, loosen the cap battery and tighten it to re-start.

SET UP



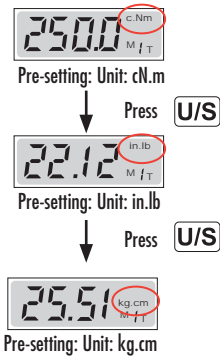
- Power On/Clear
- Unit Selection/Setting
- Adjust torque value
- Pre-Setting No.

STEP 1: PRE-SETTING NO.



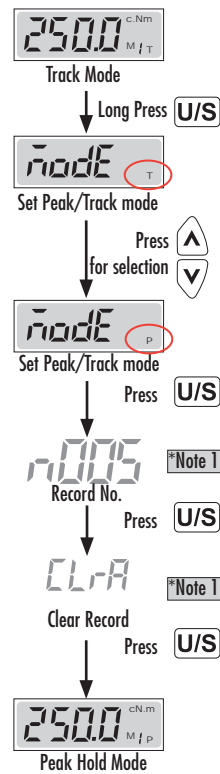
- Note:**
- If **ErD** is appeared, that means this screwdriver has ever been applied more than 110% of maximum torque.
 - The maximum capacity for "Pre-setting No." is 9 sets.
 - The "Pre-Setting No." is in sequential.

STEP 2: UNIT SELECTION

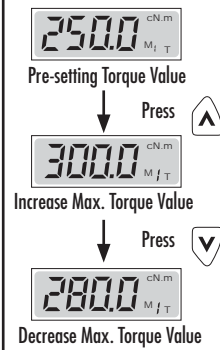


- Note:**
- The "Unit Selection" is in sequential.

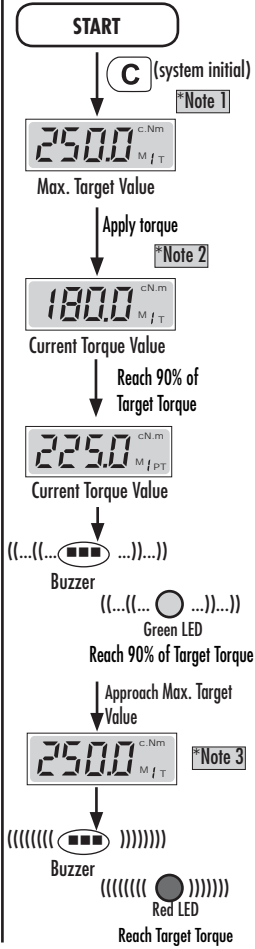
STEP 4: PEAK HOLD (P) / TRACK MODE SELECTION (T)



STEP 3: SET TORQUE VALUE

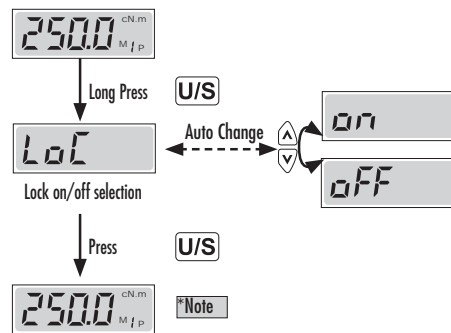


TRACK MODE OPERATION



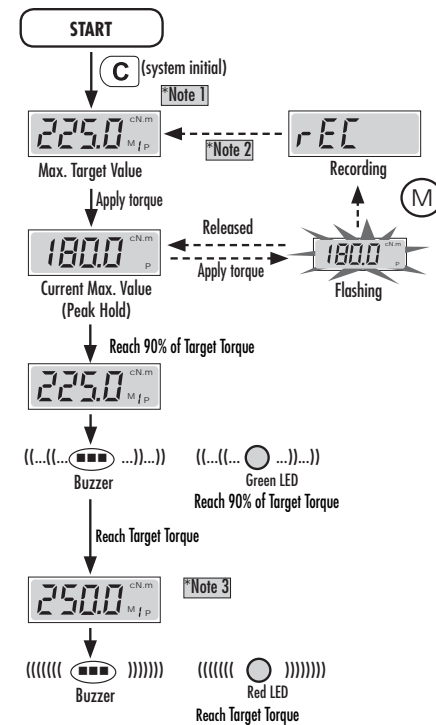
- Note:**
- If **ErD** is appeared, that means this screwdriver has ever been applied over than 110% of maximum Torque.
 - The green LED will be on for 90% of target Torque.
 - When reaching the setting Target Torque, the green and the red light will be on at the same time.

KEY LOCK



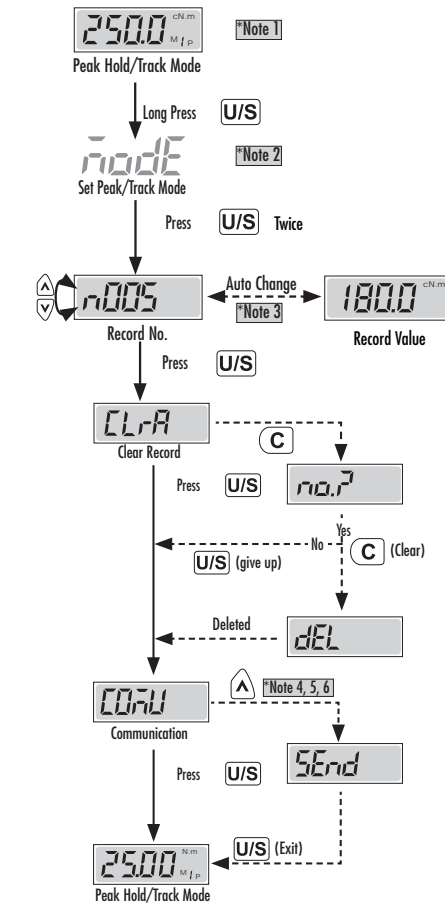
- Note:**
- If "LoC on" is set, the display will show **----** while pressing **▲, ▼, U/S**

PEAK HOLD MODE OPERATION



- Note:**
- If **ErD** is appeared, that means this screwdriver has ever been applied over than 110% of maximum torque.
 - If **Full** is appeared, that means the screwdriver's memory is full and the next value record can not be written in. Please refer the "Peak Hold Mode Recorded Value Review" section to clear the memory data.
 - When reaching the setting Target Torque, the green and the red light will be on at the same time.

PEAK HOLD MODE RECORDED VALUE REVIEW

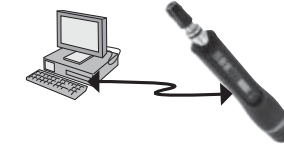


- Note:**
- The "Peak Hold" mode recorded value review also can be operated in "Track" mode operation.
 - If you operate in the "Peak Hold" mode, the display will show **nonE** and please go to next step.
 - If the record is empty, it will show **nonE**.
 - This function is not supported on all type of models.
 - Communication mode is for uploading record data to PC.
 - Communication mode is also for calibration of screwdriver. Please contact your local dealer for more information.

COMMUNICATION

CONNECTING COMMUNICATION CABLE

- Connect the accessory cable between the USB COM port of PC and screwdriver.



UPLOADING RECORD DATA

- Make sure the connection between PC and screwdriver is normal.
- Change the screwdriver operation mode to "**Send**". (Refer to "Peak Hold Mode Recorded Value Review" section)
- Use PC to start the uploader program.
- In uploader program, first select the correct COM port No.
- Next, select the file path to save the uploaded data.
- Finally, press "upload" button to transmit the torque records to PC.
- The uploaded data is then shown on the column and saved in the *.csv file. Use Microsoft Excel to view *.csv file.

- CAUTIONS:**
- Refer to the uploader program user guide for the detail operations.

MAINTENANCE AND STORAGE

ATTENTION:

One-year periodic recalibration is necessary to maintain accuracy. Please contact your local dealer for calibrations.

CAUTION:

- Over-torque (110% of Max. torque range) could cause breakage or lose accuracy.
- Do not shake violently or drop screwdriver.
- Do not use this screwdriver as a hammer.
- Do not leave this screwdriver in any place exposed to excessive heat, humidity, or direct sunlight.
- Do not use this apparatus in water.(not waterproof)
- If the screwdriver gets wet, wipe it with a dry towel as soon as possible. The salt in seawater can be especially damaging.
- Do not use organic solvents, such as alcohol or paint thinner when cleaning the screwdriver.
- Keep this screwdriver away from magnets.
- Do not expose this screwdriver to dust or sand as this could cause serious damage.
- Do not apply excessive force to the LCD panel.
- Apply torque slowly and graspe the center of the handle. Do not apply load to the end of handle.
- When checking the accuracy or calibration, please use the bit head packed inside the blow mold case.

BATTERY MAINTENANCE

- When the screwdriver is not used for an extended period of time, remove the battery.
- Keep a spare battery on hand when going on a long trip or to cold areas.
- Sweat, oil and water can prevent a battery's terminal from making electrical contact. To avoid this, wipe both terminals before loading a battery.
- Dispose of batteries in a designated disposal area. Do not throw batteries into a fire.