e

PROGRAMMER INSTRUCTION MANUAL

- READ ALL THE INSTRUCTIONS COMPLETELY BEFORE OPERATION.
- COMPLY WITH ALL THE INSTRUCTIONS AND RULES IN THIS MANUAL AND SAVE THIS MANUAL FOR FUTURE REFERENCE.

List of Functions v.s. Tool Series

Programmer Ver:TM96 (2016.10.04)

Main Options	Items \ Tool Series	RRI - BS	RRI - BA	RRI - BIM	RRI - BI
Setup Menu	Speed	◎	◎		
	RevSpeed Mode		◎		
	Motor Dir				◎
	MaxImpStep				◎
	Speed Type				◎
	Imp_Pulse				◎
	FR Mode	◎	◎		
	Option_1			◎ **Purchased after 2015**	
	Option_1				◎
	Buz Volume	◎	◎	◎	◎
	StepDmd				◎
	AutoRevStop				◎
	Start_MODE		◎		
	OnDlyx500mSec		◎		
	Fwd_W_LED_Tmr	◎	◎	◎	
	RevPulse/Step(RevTHallPulse): for -V / -W only)		◎		
	Rev Pulse			◎	
	Rev_W_LED_Tmr	◎	◎	◎	
	W_LED_Tmr				◎
Info Menu	Product_ID	◎	◎	◎	◎
	Used Time	◎	◎	◎	◎
	Total CNT	◎	◎		
	Trip CNT	◎	◎		
Service	Pulse_Set			◎	
Screw_Cnt Menu	SCNT (Trip)			◎	◎
	Total_CNT			◎	◎

TABLE OF CONTENTS

General Safety Rules:

Please read carefully and follow the instructions before operation.

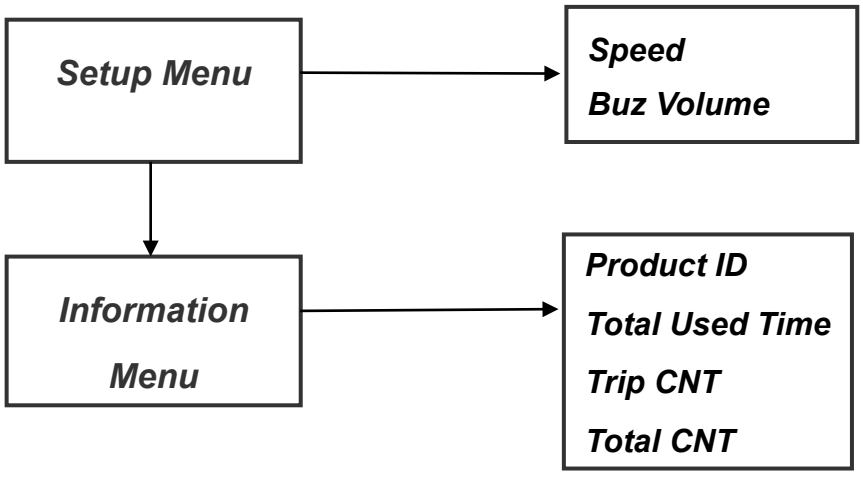
1. Avoid exposing programmer to water or humid environment.
2. Avoid placing programmer on unstable objects.
3. Avoid pressing programmer on display heavily.
4. Do not expose under sunlight.

Functional Description

Notes:

1. Only forwarding rpm is adjustable. The Reversing rpm is built in as the maximum rpm shown on the catalog.
2. Only one trip count (CNT) is resettable; total trip count is not resettable.
3. Please install the battery pack before using programmer to adjust the rpm of a tool.
4. To complete all the settings on the programmer after adjusting, please pull out Mini USB connector and then reinstall the battery pack.

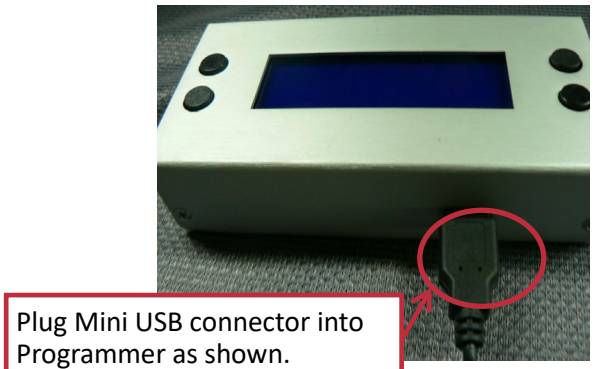
Operation Diagram



RRI–BA SERIES PROGRAMMER OPERATION

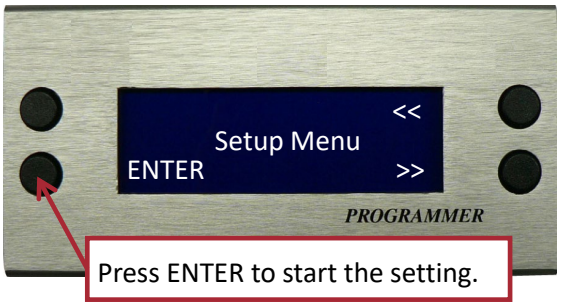
Tool Speed(RPM) Setting:

Step 1:
Plug Mini USB connector into Programmer using supplied USB to USB Mini cable.

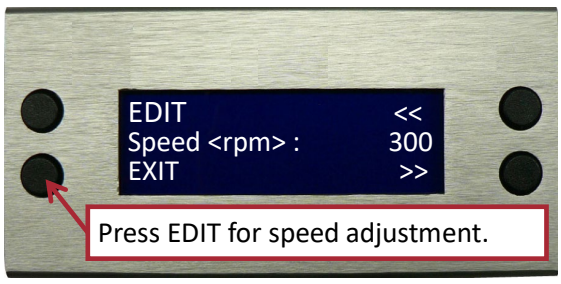


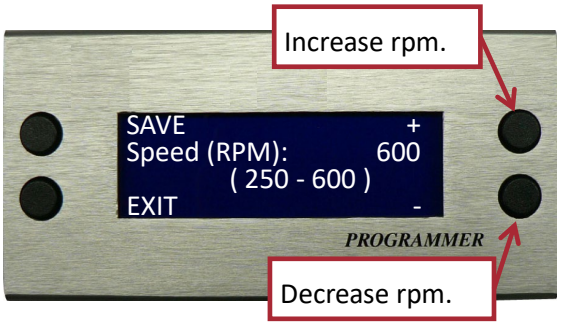
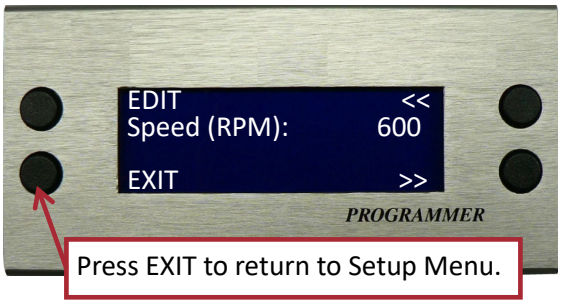
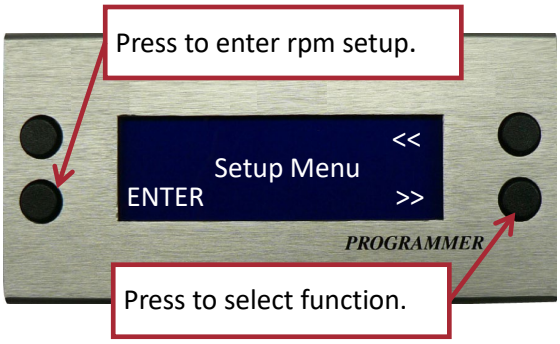
Step 2:
Plug the mini USB connector into the tool as shown. Press the trigger to switch the programmer on and the **Setup Menu** screen displays automatically.

Step 3:
Press "**ENTER"** for the mode selections.



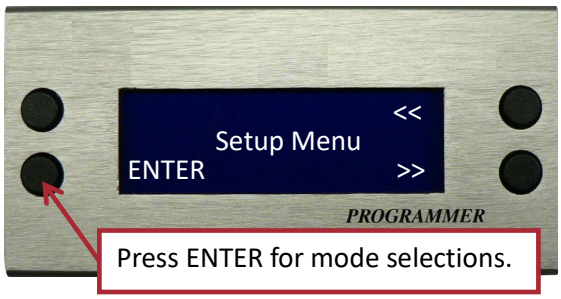
Step 4:
Press "**EDIT**" to start the speed adjustment.



Step 5: Press "**+**" or "**–**" to increase or decrease RPM in every 50 RPM increments. The display shows the RPM range of the tool connected to the programmer. An example of (250-600) is shown.	
Step 6: Press "**SAVE**", and the value will be stored into the tool.	
Step 7: Press "**EXIT**" to leave the RPM setting and return to Setup Menu.	
Step 8: When at "Setup Menu", press "**>>**" or "**<<**" for more function set ups or unplug MINI USB to finish the setup.	

RevSpeed Mode – for Reverse (CCW) speed options:

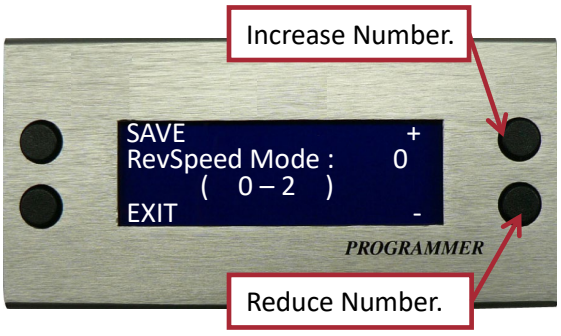
Step 1:
Press "**Enter**" for mode selections.



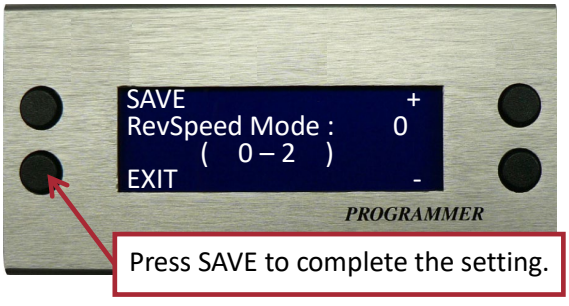
Step 2:
Press "**<<**" or "**>>**" to find the "RevSpeed Mode" then press **"EDIT"** to start changes.

Step3:
Press " **+**" or " **–**" to choose the CCW speed you prefer:

"0" setting: the reverse speed is the maximum of motor's output power.
"1" setting: the reverse speed is same as the forward speed.
"2" setting: the reverse speed has reached the maximum speed set on the programmer.

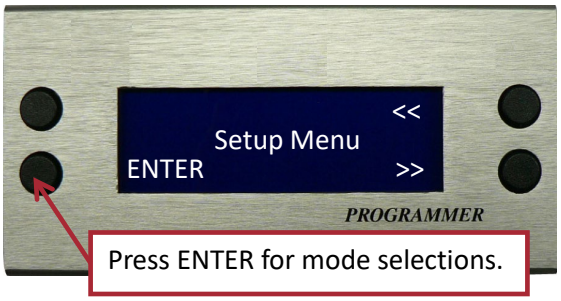


Step 4:
Press "**SAVE**", and the value will be stored into the tool.

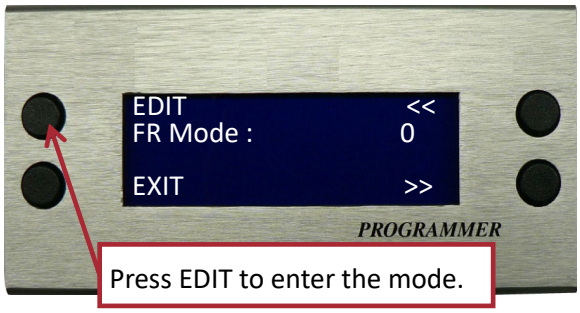


FR Mode – for forward and reverse selection options

Step 1:
Press "**Enter**" for mode selections.

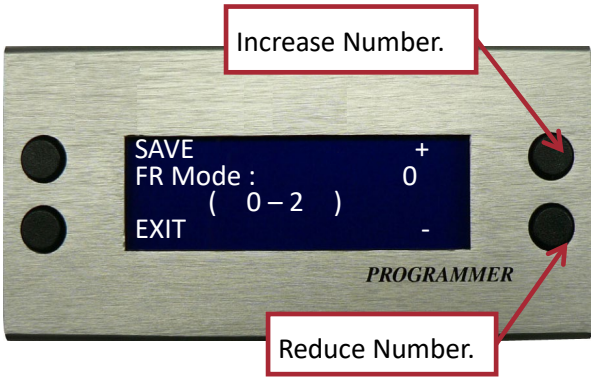


Step 2:
Press "**<<**" or "**>>**" to find the **FR Mode** then press **"EDIT"** to start changes.

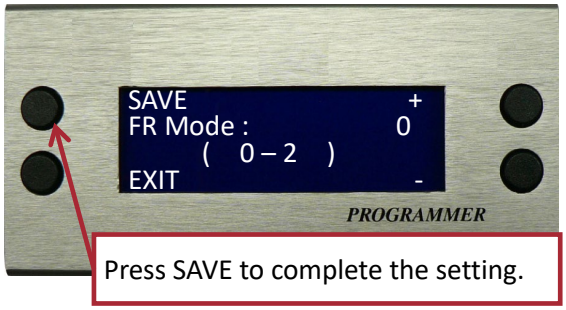


Step 3:
Press " **+**" or " **–**"to choose the FR mode you prefer:

"0" setting: the Forward and Reverse selections to operate manually.
"1" setting: the Forward operation will resume automatically after the tool runs in Reverse operation once.
"**2**" **setting:** the mode is in Forward operation only. Reverse is locked out.

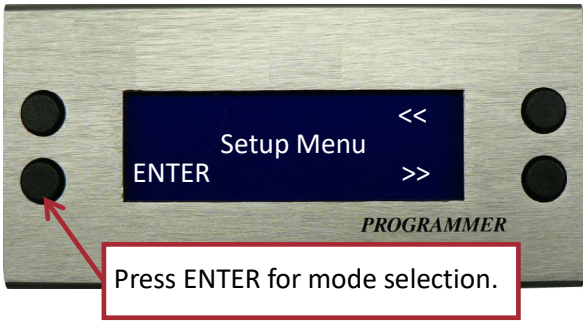


Step 4:
Press "**SAVE**" to store the change into the tool.

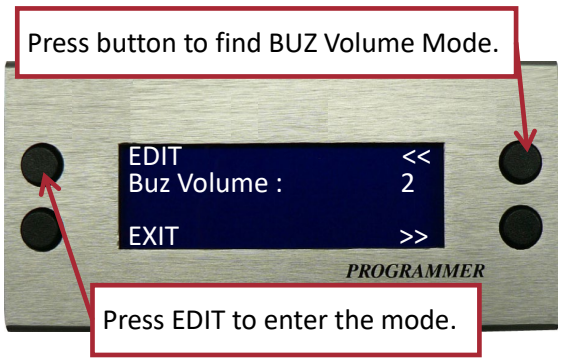


Buz Volume – for buzzer volume adjustment

Step 1:
Press "**Enter**" for mode selections.

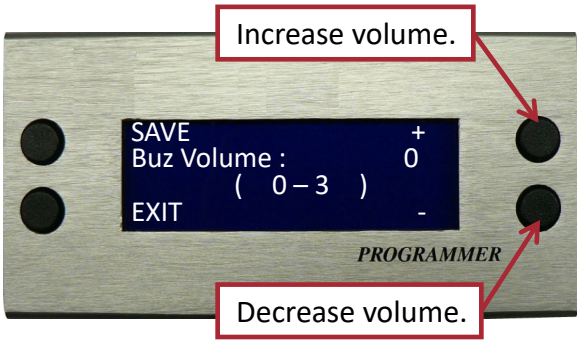


Step 2:
Press "**<<**" or "**>>**" to find the **BUZ Volume** mode and press **"EDIT"** to start changes.

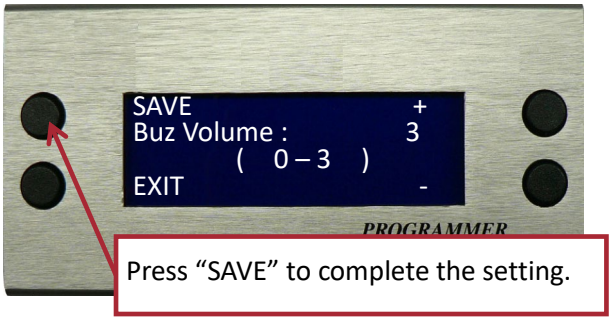


Step 3:
Press **"+" or "–"** to increase or decrease the tool buzzer volume.

"**0**" means Mute (no sound)
"**1**" means Low buzzer volume
"2" means Medium buzzer volume
"3" means Loudest buzzer volume

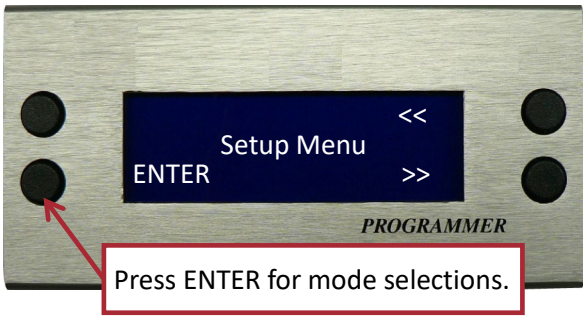


Step 4:
Press "**SAVE**" to store the change into the tool.

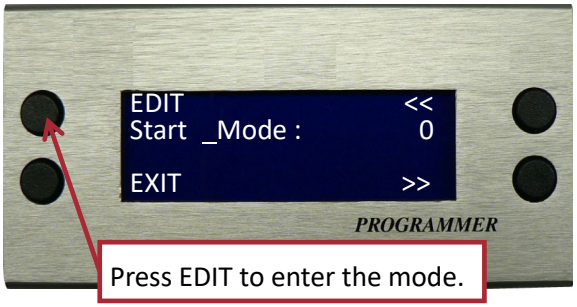


Start_Mode – for trigger starting option

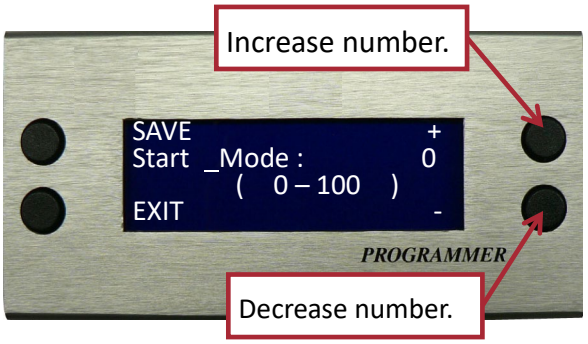
Step 1:
Press "**Enter**" for mode selections.



Step 2:
Press "**<<**" or "**>>**" to find the **Start_Mode** mode and press **"EDIT"** to start changes.



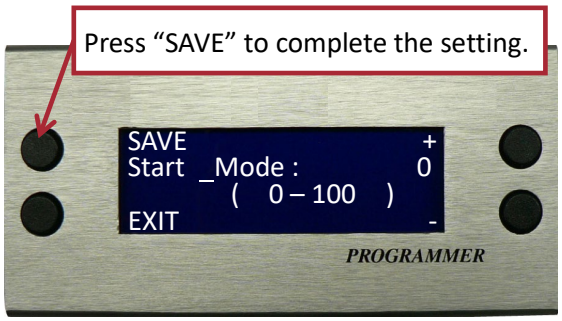
Step 3:
Press **"+" or "–"** to select the Start mode you prefer.



"0" setting:
- 1st stage of trigger is to switch on the LED light.
- 2nd stage of trigger is to energize the full speed run down. If the tightening is failed, the tool will warn with a red light.

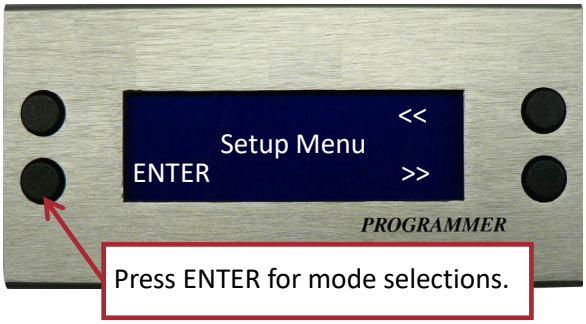
"1 - 99" setting:
- 1st stage of trigger is to switch on the LED light.
- 2nd stage of trigger supplies the low speed run down that helps to find the thread correctly. The number of run downs is set by the number set times 1.25. As low speed run downs finish, the full speed run down is energized right after. If the tightening is failed, the tool will warn with a red light.

"100" means:
- 1st stage of trigger is to switch on the LED light and low speed run down in the meantime. (no limited number of run downs)
- 2nd stage of trigger is to energize the full speed run down. If the tightening is failed, the tool will warn with a red light.

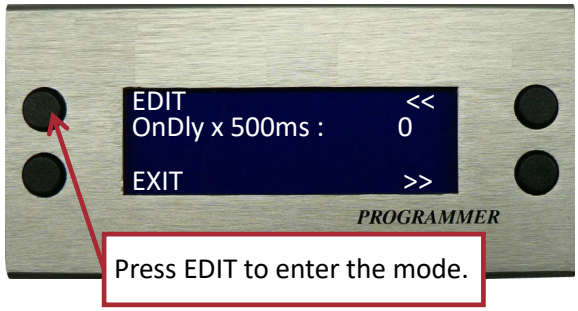
Step 4: Press "**SAVE**" to store the change into the tool.	

OnDlyx500msec – for trigger delay option

Step 1:
Press "**Enter**" for mode selections.

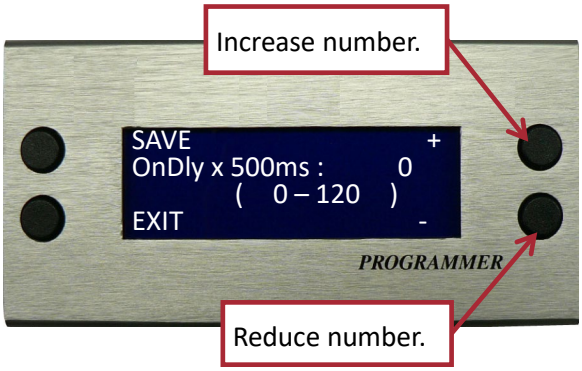


Step 2:
Press "**<<**" or "**>>**" to find the **OnDlyx500msec** mode and press **"EDIT"** to start changes.

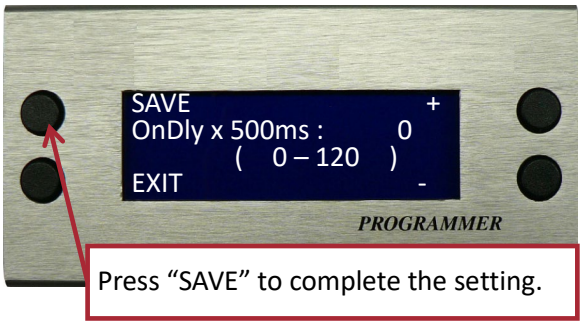


Step 3:
Press **"+" or "–"** to select the number of OnDly x 500ms you prefer.

"**0**" **setting:** no interval between each start
"**0 – 120**" **setting:`** the trigger would be delay to be started by the number set times 0.5 secs.

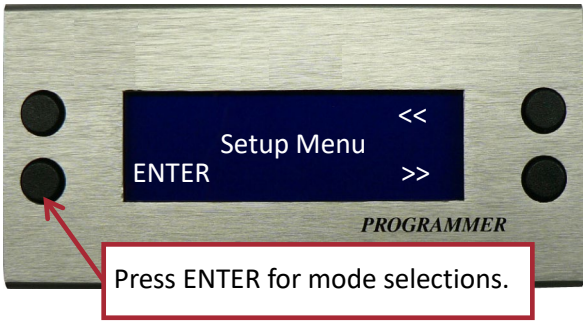


Step 4:
Press "**SAVE**" to store the change into the tool.

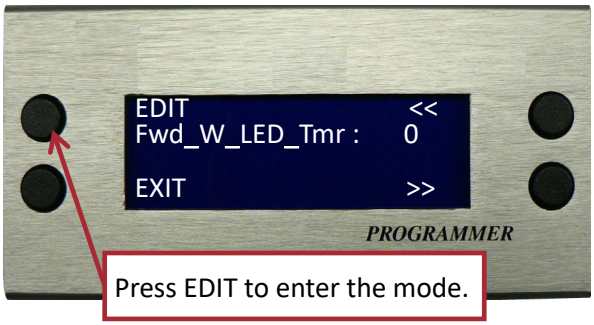


Fwd_W_LED_Tmr – for extending the luminosity of LED in Forward operation

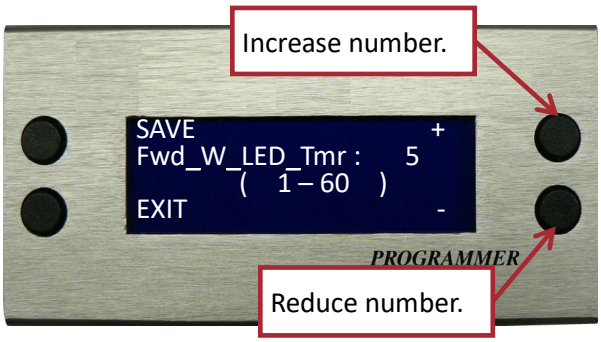
Step 1:
Press "**Enter**" for mode selections.



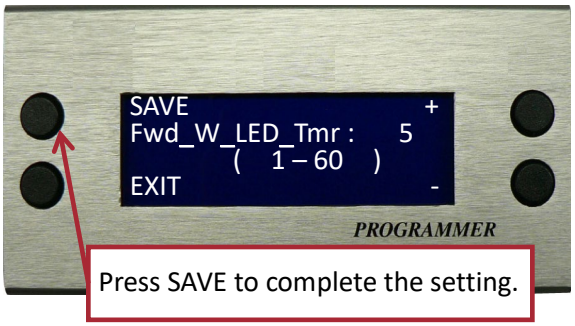
Step 2:
Press "**<<**" or "**>>**" to find the **Fwd_W_LED_Tmr** mode and press **"EDIT"** to start changes.



Step 3:
Press **"+" or "–"** to set the amount of time the LED will remain lit in Forward operation. The time can be set from 1 to 60 seconds. (Except PW and SCB series)
The amount of time the LED on PW and SCB series tools starts from 0 – 60 seconds.



Step 4:
Press "**SAVE**" to store the change into the tool.

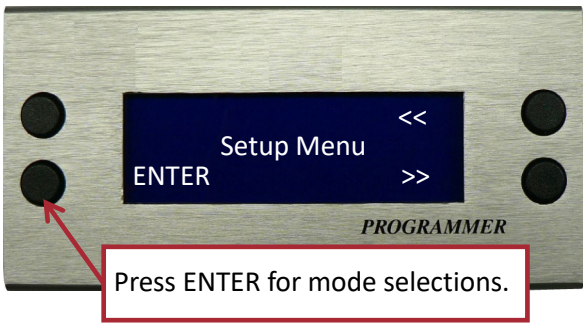


RevTHallPulse - for impact number setting in Reverse operation

Functional guide: When the tool's torque is smaller than the tightening torque, the tool's operation still follows the preset impact numbers and it will automatically shut off when the setting numbers are all completed

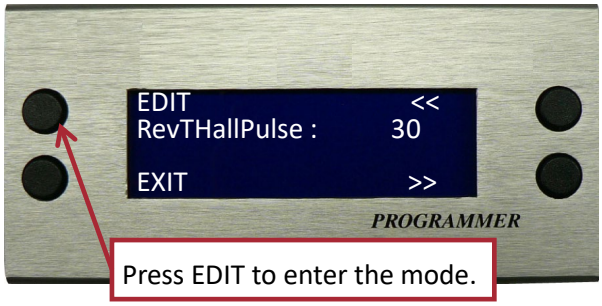
Step 1:

Press "**Enter**" for mode selections.



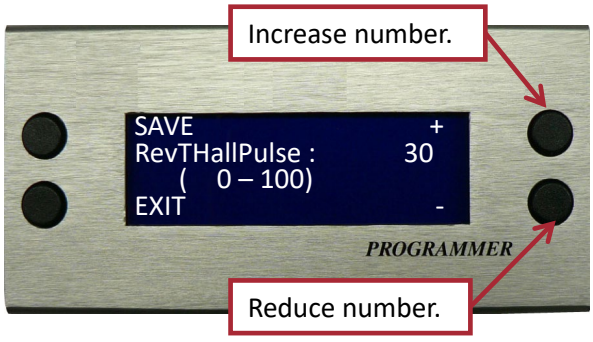
Step 2:

Press "**<<**" or "**>>**" to find the the **RevTHallPulse** mode and press **"EDIT"** to start changes.



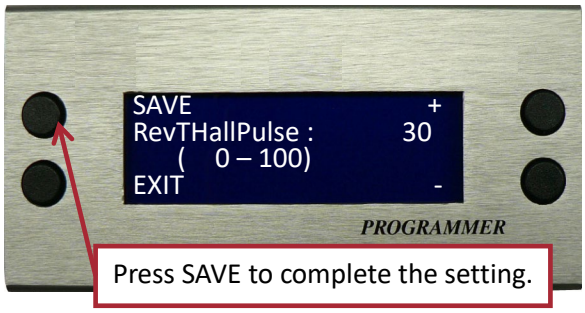
Step 3:

Press **"+" or "-"** to set a preferable impact numbers in reverse operation. The settable number is from 0 up to 100.



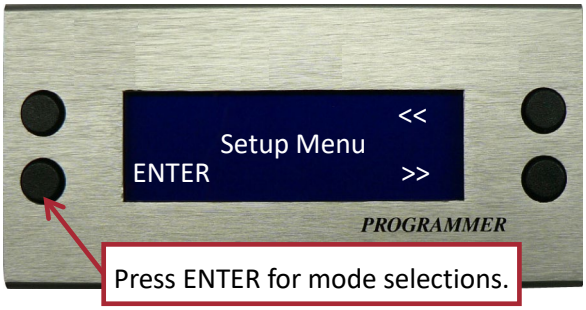
Step 4:

Press "**SAVE**" to store the change into the tool.



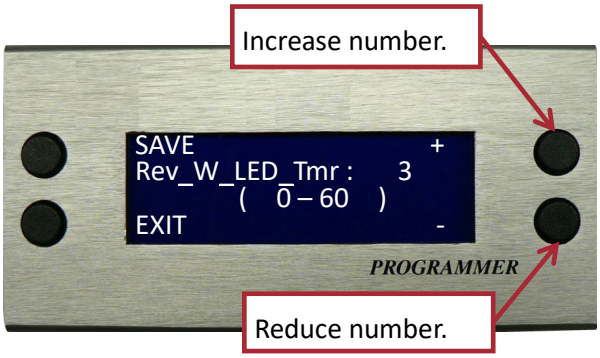
Rev_W_LED_Tmr – for extending the luminosity of LED in Reverse operation

Step 1:
Press "**Enter**" for mode selections.

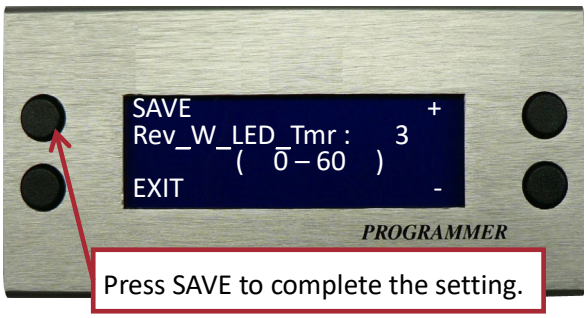


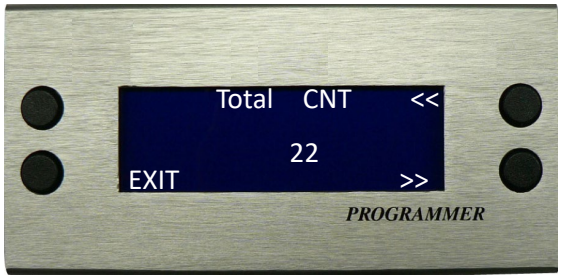
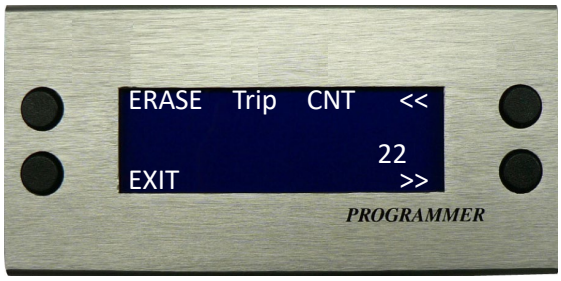
Step 2:
Press "**<<**" or "**>>**" to find the **Rev_W_LED_Tmr** mode and press **"EDIT"** to start changes.

Step 3:
Press **"+" or "–"**to set the amout of thme the LED will remain lit r in Reverse operation. The amount of time can be set from 0 to 60 secs.



Step 4:
Press "**SAVE**" to store the change into the tool.



Information Menu *The following programmer details can be seen under information menu.*	
Product ID: Built in information- set by factory.	
Total Count	
Total number of complete tightenings. (Failed ones are excluded)	
Trip Count: Numbers of tightening counted per work. (Failed ones are excluded). Press "ERASE" to reset *Trip CNT* to zero.	

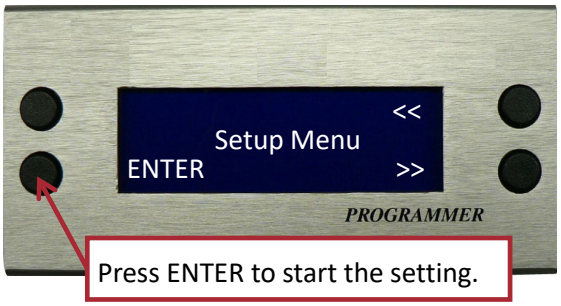
RRI – BS SERIES PROGRAMMER OPERATION

Tool Speed(RPM) Setting:

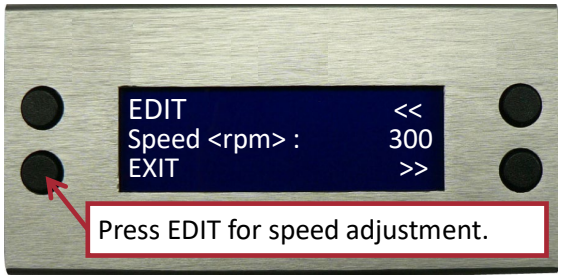
Step 1:
Plug Mini USB connector into Programmer using supplied USB to USB Mini cable.

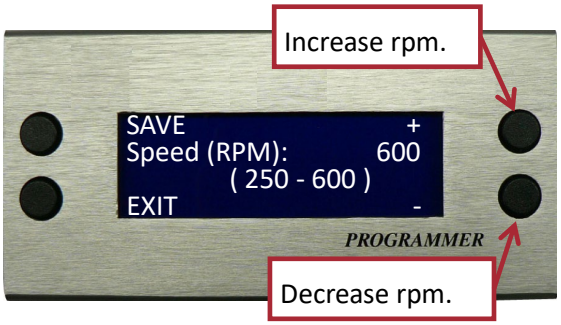
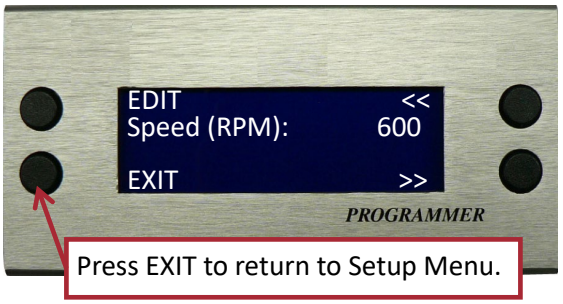
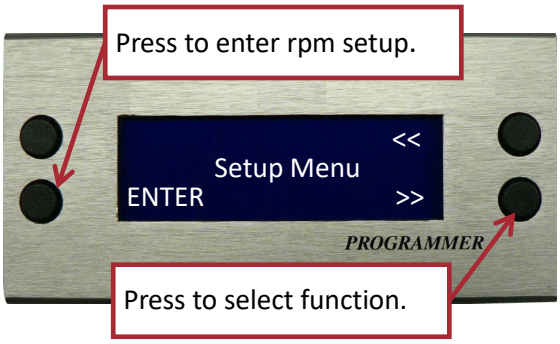
Step 2:
Plug the mini USB connector into the tool as shown. Press the trigger to switch the programmer on and the **Setup Menu** screen displays automatically.

Step 3:
Press "**ENTER"** for the mode selections.



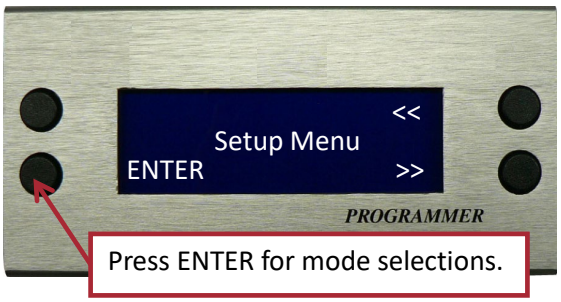
Step 4:
Press "**EDIT**" to start the speed adjustment.



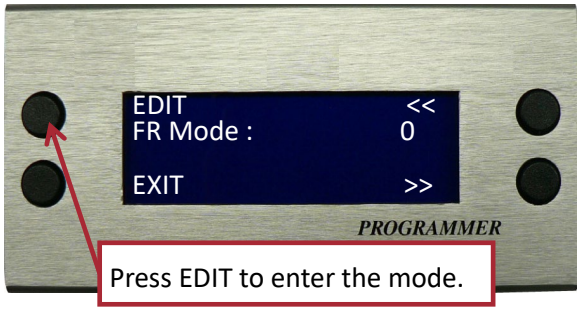
Step 5: Press "**+**" or "**–**" to increase or decrease RPM in every 50 RPM increments. The display shows the RPM range of the tool connected to the programmer. An example of (250-600) is shown.	
Step 6: Press "**SAVE**", and the value will be stored into the tool.	
Step 7: Press "**EXIT**" to leave the RPM setting and return to Setup Menu.	
Step 8: When at "Setup Menu", press "**>>**" or "**<<**" for more function set ups or unplug MINI USB to finish the setup.	

FR Mode – for forward and reverse selection options

Step 1:
Press "**Enter**" for mode selections.

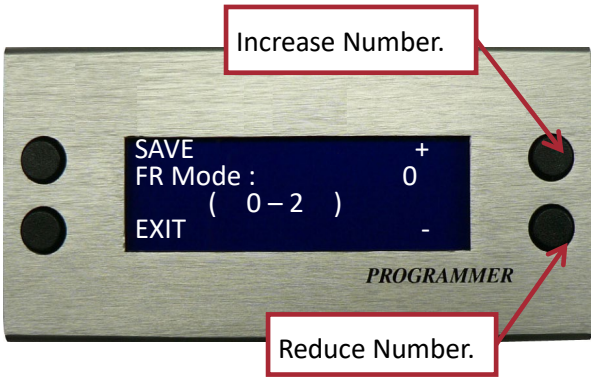


Step 2:
Press "**<<**" or "**>>**" to find the **FR Mode** then press **"EDIT"** to start changes.

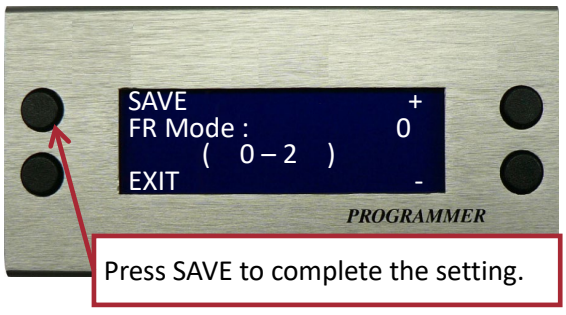


Step 3:
Press " **+**" or " **–**"to choose the FR mode you prefer:

"**0" setting:** the Forward and Reverse selections to operate manually.
"**1**" **setting:** the Forward operation will resume automatically after the tool runs in Reverse operation once.
"**2**" **setting:** the mode is in Forward operation only. Reverse is locked out.

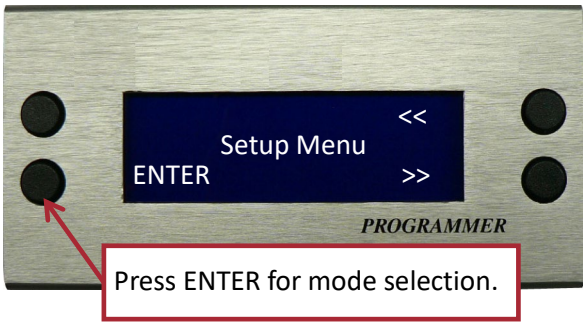


Step 4:
Press "**SAVE**" to store the change into the tool.

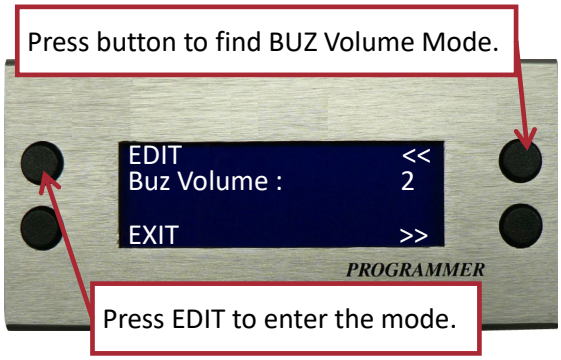


Buz Volume – for buzzer volume adjustment

Step 1:
Press "**Enter**" for mode selections.

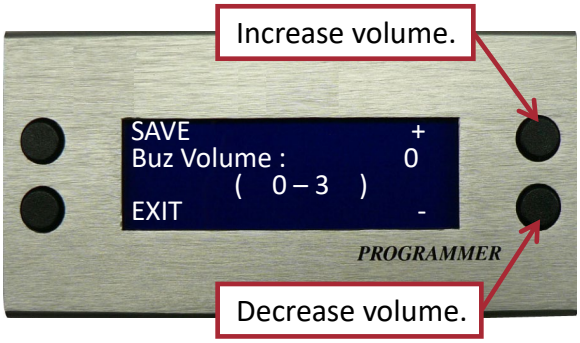


Step 2:
Press "**<<**" or "**>>**" to find the **BUZ Volume** mode and press **"EDIT"** to start changes.

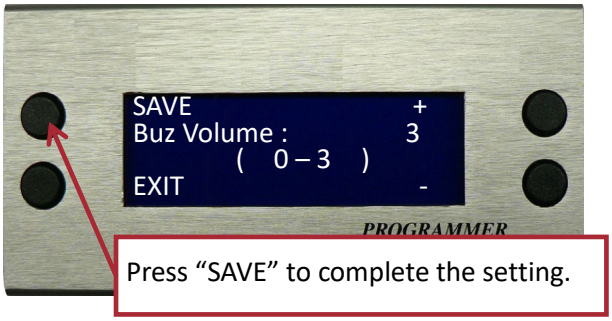


Step 3:
Press **"+" or "–"** to increase or decrease the tool buzzer volume.

"0" means Mute (no sound)
"1" means Low buzzer volume
"2" means Medium buzzer volume
"3" means Loudest buzzer volume

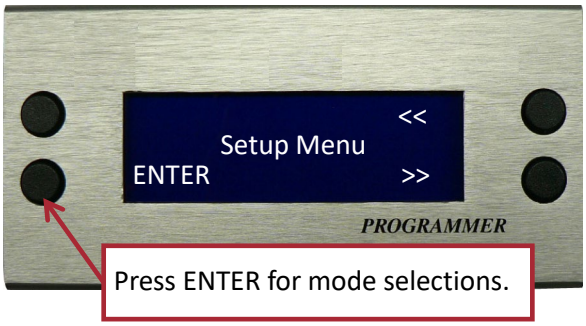


Step 4:
Press "**SAVE**" to store the change into the tool.

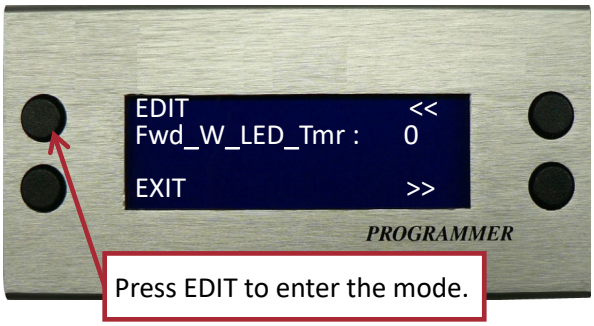


Fwd_W_LED_Tmr – for extending the luminosity of LED in Forward operation

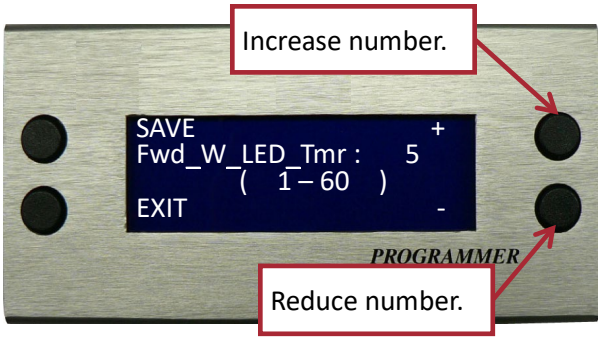
Step 1:
Press "**Enter**" for mode selections.



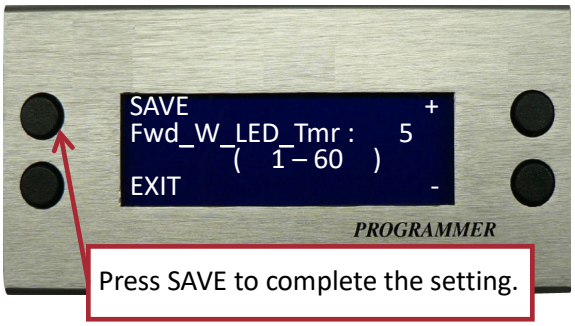
Step 2:
Press "**<<**" or "**>>**" to find the **Fwd_W_LED_Tmr** mode and press **"EDIT"** to start changes.



Step 3:
Press **"+" or "–"** to set the amount of time the LED will remain lit in Forward operation. The time can be set from 1 to 60 seconds. (Except PW and SCB series)
The amount of time the LED on PW and SCB series tools starts from 0 – 60 seconds.



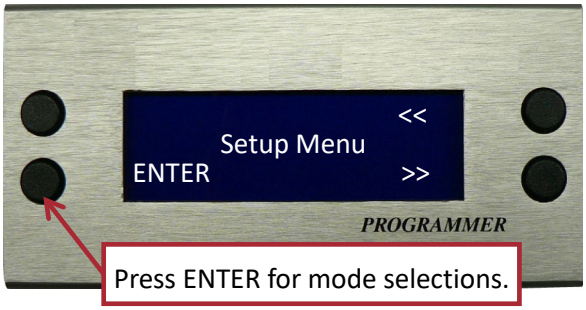
Step 4:
Press "**SAVE**" to store the change into the tool.



Rev_W_LED_Tmr – for extending the luminosity of LED in Reverse operation

Step 1:

Press "**Enter**" for mode selections.

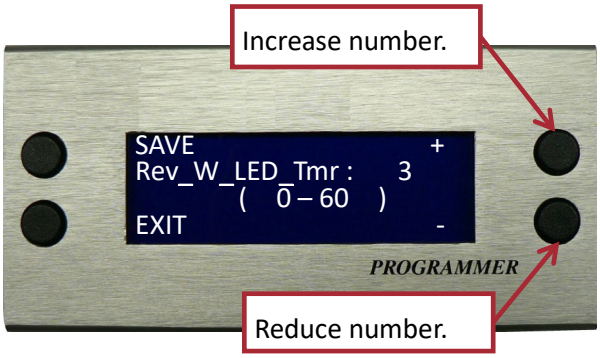


Step 2:

Press "**<<**" or "**>>**" to find the **Rev_W_LED_Tmr** mode and press **"EDIT"** to start changes.

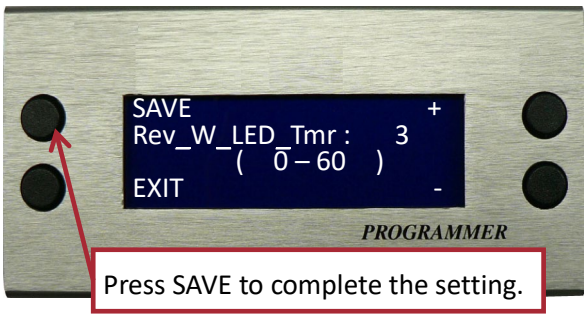
Step 3:

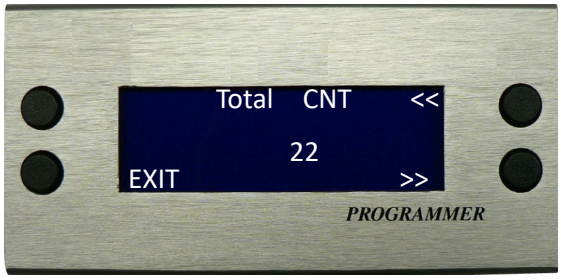
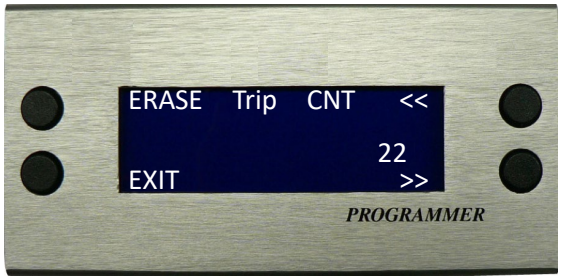
Press **"+" or "–"**to set the amout of thme the LED will remain lit r in Reverse operation. The amount of time can be set from 0 to 60 secs.



Step 4:

Press "**SAVE**" to store the change into the tool.

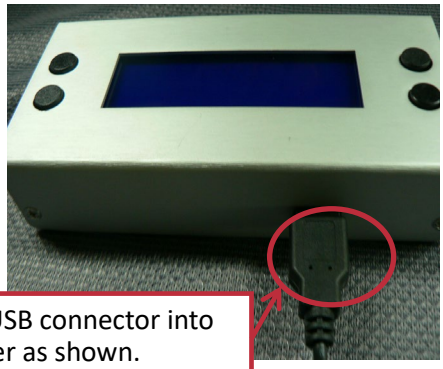


Information Menu *The following programmer details can be seen under information menu.*	
Product ID: Built in information- set by factory.	
Total Count	
Total number of complete tightening. (Failed ones are excluded)	
Trip Count: Numbers of tightening counted per work. (Failed ones are excluded). Press "ERASE" to reset *Trip CNT* to zero.	

RRI – BIM SERIES PROGRAMMER OPERATION

Step 1:

Plug Mini USB connector into Programmer using supplied USB to USB Mini cable.

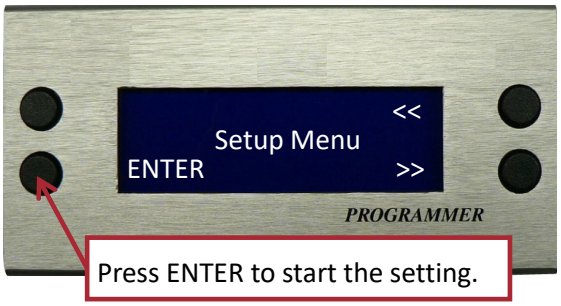


Step 2:

Plug the mini USB connector into the tool as shown. Press the trigger to switch the programmer on and the **Setup Menu** screen displays automatically.

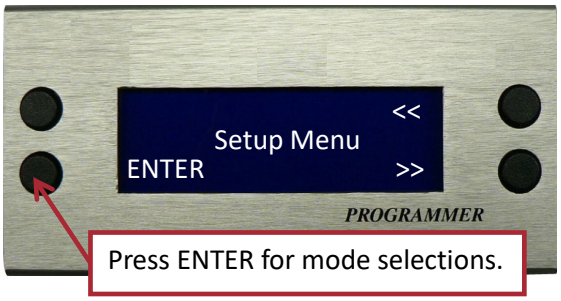
Step 3:

Press "**ENTER"** for the mode selections.

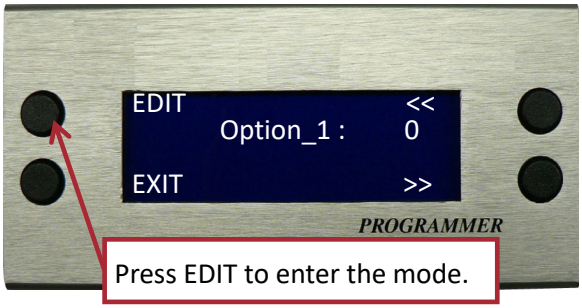


Option_1 – for forward and reverse selection along with Pulse Lock setting

Step 1: Press "**Enter**" for mode selections.



Step 2: Press "**<<**" or "**>>**" to find the **Option_1 mode** then press **"EDIT"** to start changes.



Step 3:

Press " **+**" or " **–**"to choose the FR mode you prefer:

"**0" setting:** the Forward and Reverse selections to operate manually. The pulse setting is unlocked.

"**1**" **setting:** the Forward operation will resume automatically after the tool runs in Reverse operation once. The pulse setting is unlocked.

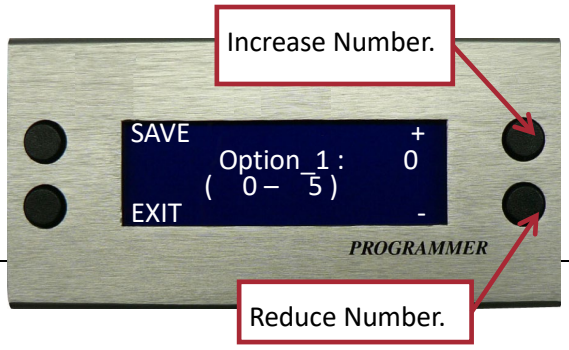
"**2**" **setting:** the mode is in Forward operation only. The pulse setting is unlocked.

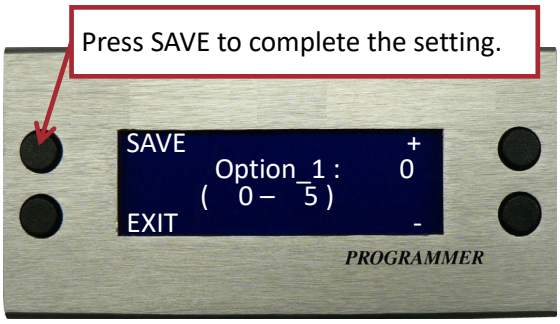
"**3**" **setting:** the F/R setting is same as the mode **at the setting of "0"** but the pulse setting is locked and cannot be changed without a programmer.

"**4**" **setting:** the F/R mode is same as the mode **at the setting of "1"** but the pulse setting is locked and cannot be changed without a programmer.

"5" setting: the F/R mode is same as the mode **at the setting of "2"** but the pulse setting is locked and cannot be changed without a programmer

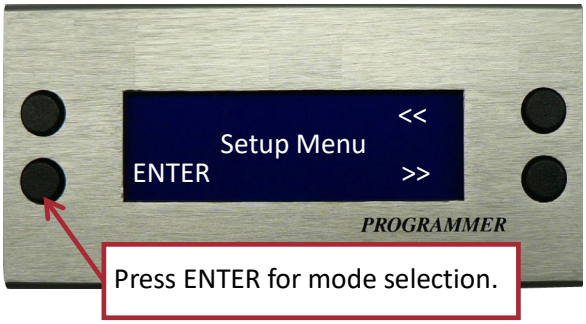
"**6" setting:** Only reverse mode is available. The stage setting is locked. (For IWT models on



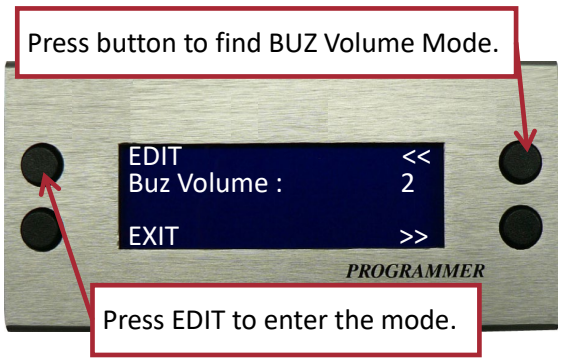
Step 4: Press "**SAVE**" to store the change into the tool.	

Buz Volume – for buzzer volume adjustment

Step 1:
Press "**Enter**" for mode selections.

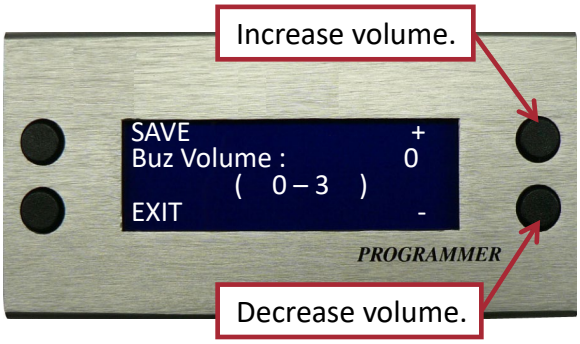


Step 2:
Press "**<<**" or "**>>**" to find the **BUZ Volume** mode and press **"EDIT"** to start changes.

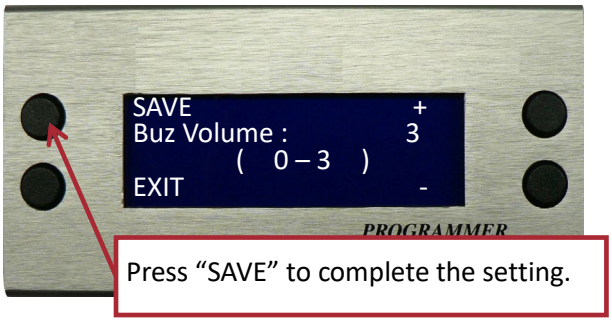


Step 3:
Press **"+"** or **"–"** to increase or decrease the tool buzzer volume.

"0" means Mute (no sound)
"1" means Low buzzer volume
"2" means Medium buzzer volume
"3" means Loudest buzzer volume

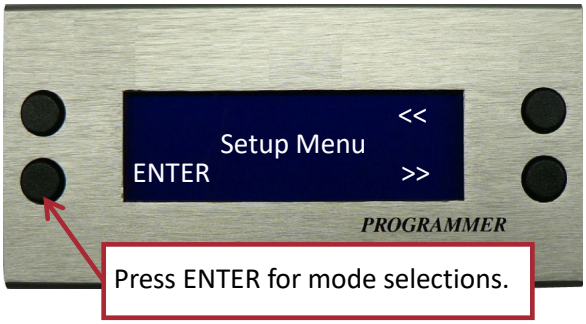


Step 4:
Press "**SAVE**" to store the change into the tool.

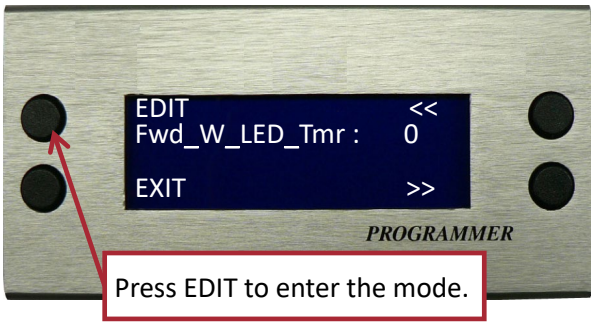


Fwd_W_LED_Tmr – for extending the luminosity of LED in Forward operation

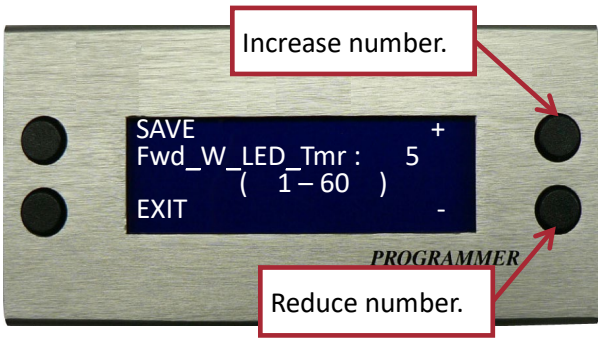
Step 1:
Press "**Enter**" for mode selections.



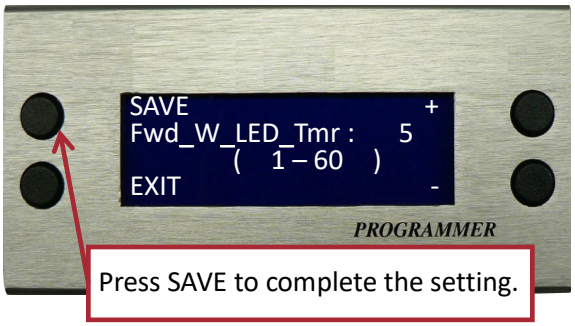
Step 2:
Press "**<<**" or "**>>**" to find the **Fwd_W_LED_Tmr** mode and press **"EDIT"** to start changes.



Step 3:
Press **"+" or "–"** to set the amount of time the LED will remain lit in Forward operation. The time can be set from 1 to 60 seconds. (Except PW and SCB series)
The amount of time the LED on PW and SCB series tools starts from 0 – 60 seconds.



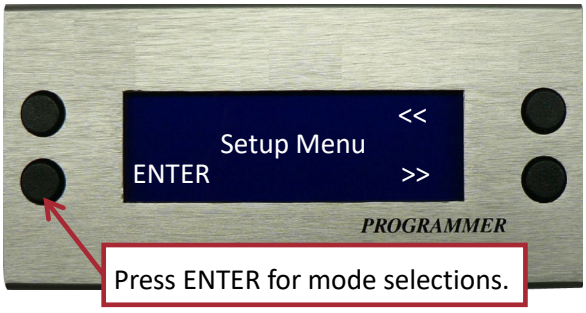
Step 4:
Press "**SAVE**" to store the change into the tool.



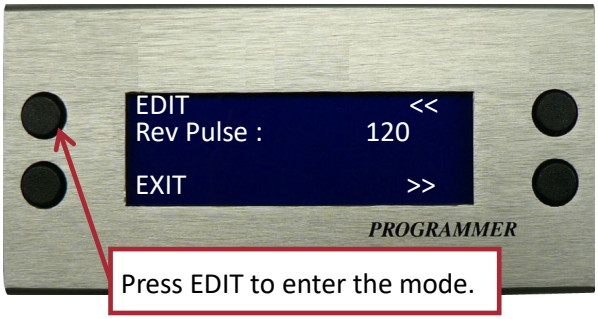
Rev Pulse –

Functional guide: When the tool's torque is smaller than the tightening torque, the tool's operation still follows the preset pulse numbers and it will automatically shut off when the setting numbers are all completed.

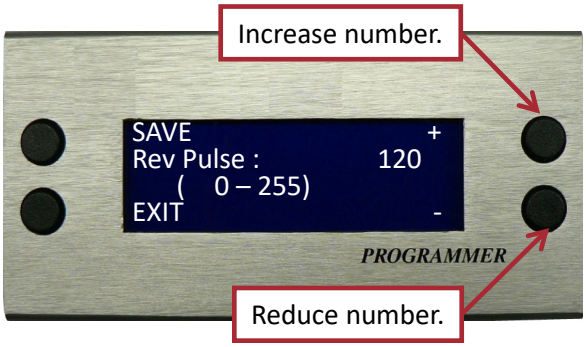
Step 1:
Press "**Enter**" for mode selections.



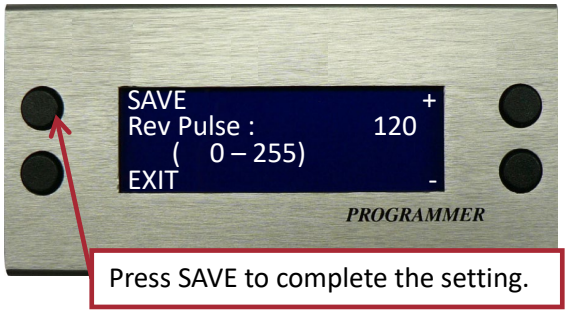
Step 2:
Press "**<<**" or "**>>**" to find the **Rev Pulse** mode and press **"EDIT"** to start changes.



Step 3:
Press **"+" or "–"** to set a preferable pulse numbers in reverse operation. The settable number is from 0 up to 255.



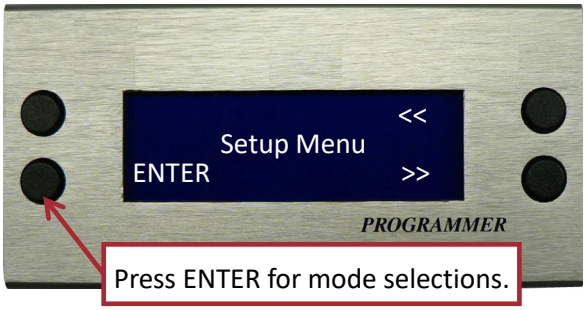
Step 4:
Press "**SAVE**" to store the change into the tool.



Rev_W_LED_Tmr – for extending the luminosity of LED in Reverse operation

Step 1:

Press "**Enter**" for mode selections.

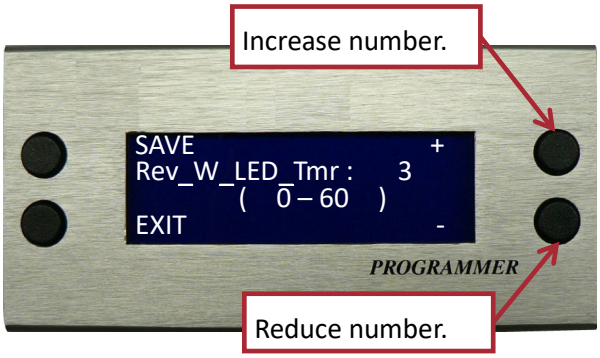


Step 2:

Press "**<<**" or "**>>**" to find the **Rev_W_LED_Tmr** mode and press **"EDIT"** to start changes.

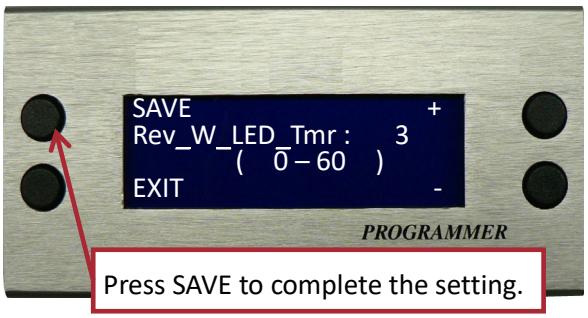
Step 3:

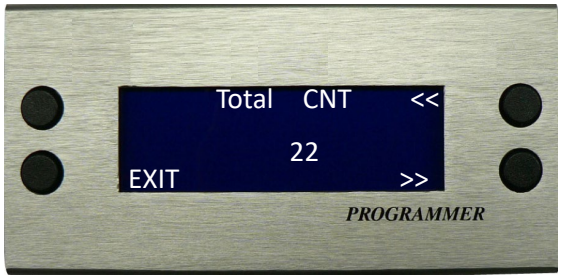
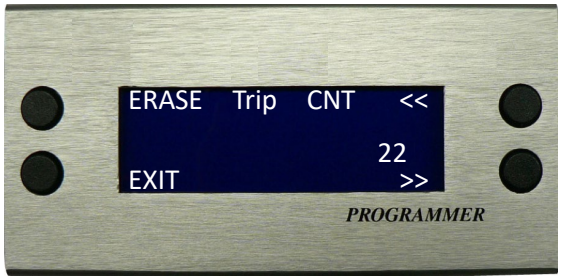
Press **"+" or "–"**to set the amout of thme the LED will remain lit r in Reverse operation. The amount of time can be set from 0 to 60 secs.



Step 4:

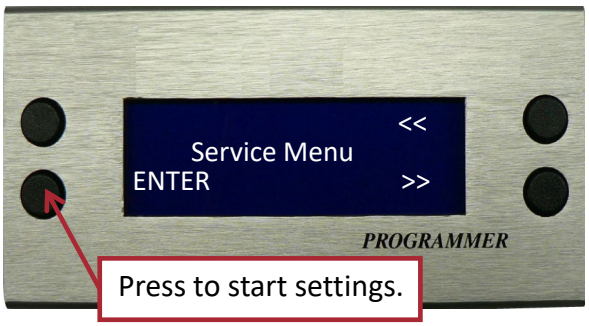
Press "**SAVE**" to store the change into the tool.



Information Menu *The following programmer details can be seen under information menu.*	
Product ID: Built in information- set by factory.	
Total Count	
Total number of complete tightenings. (Failed ones are excluded)	
Trip Count: Numbers of tightening counted per work. (Failed ones are excluded). Press "ERASE" to reset *Trip CNT* to zero.	

Service Menu

Step 1:
Press "ENTER" from the "Service Menu" to start settings.



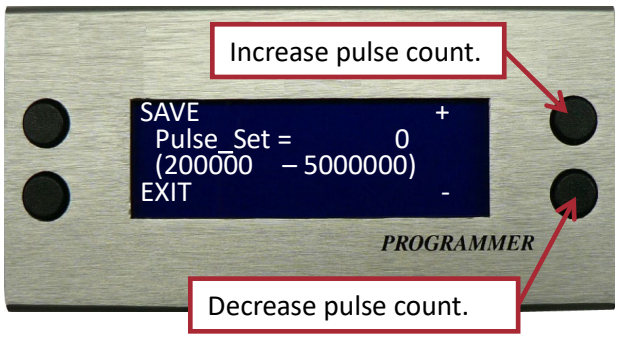
Step 2:
Press **EDIT** to enter Service Menu mode; or press **ERASE** to clear/reset the pulse count.

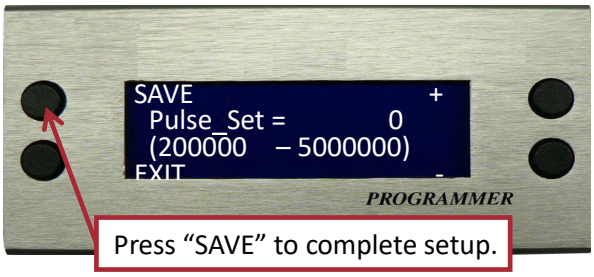
Step 3:
Press **"+" or "-"** to set the pulse count for reminder:

(1) Set the value to 0 to turn off the reminder.

(2) Set the value between 200.000 and 5.000.000 to enable the Maintenace reminder. (Interval: 20.000)

- When **Pulse_CNT > Pulse_SET**, the reminder goes on. The yellow indicator will blink 3 times on the tool with the interval of 3 seconds repeatedly to remind the operator for oil change maintenance.
- When **Pulse_CNT < Pulse_SET**, the reminder goes off.

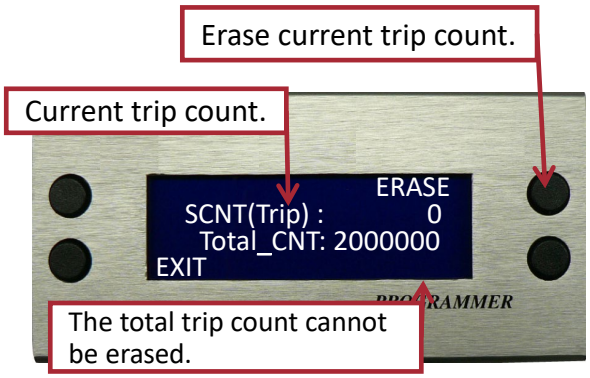


Step 4: Press **"SAVE"** to save the count in the programmer	

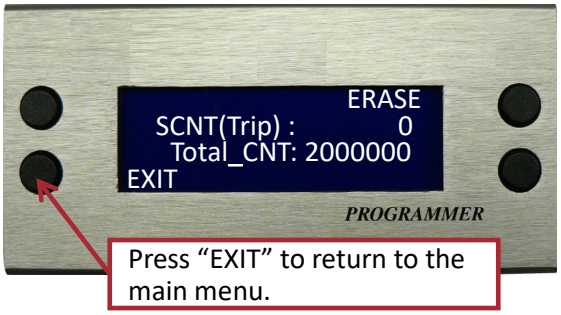
Screw Count Menu - Operation count display

Step 1:
Press **"ENTER"** from the **Screw_Cnt Menu** to start settings.

Step 2: View the current trip count and total trip count. Press **"ERASE"** to clear/reset the current count.



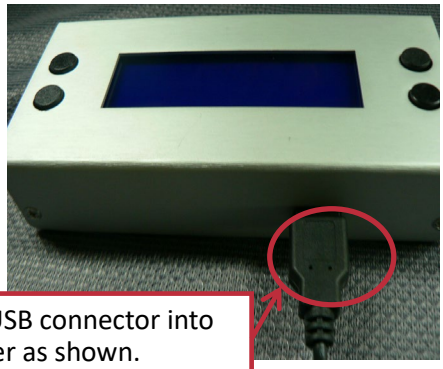
Step 3: Press **EXIT** to return to the main menu.



RRI – BI SERIES PROGRAMMER OPERATION

Step 1:

Plug Mini USB connector into Programmer using supplied USB to USB Mini cable.

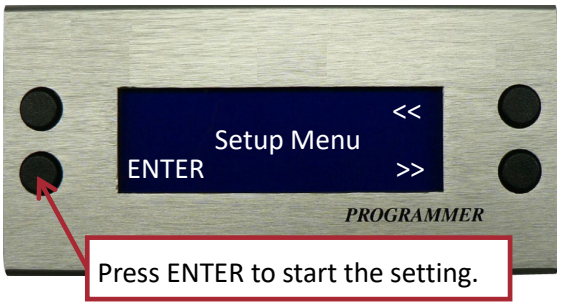


Step 2:

Plug the mini USB connector into the tool as shown. Press the trigger to switch the programmer on and the **Setup Menu** screen displays automatically.

Step 3:

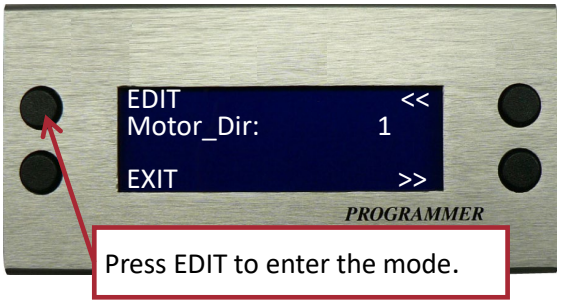
Press "**ENTER"** for the mode selections.



Motor_Dir – for Right-hand or Left-hand thread work selections

Step 1:
Press "**Enter**" for mode selections.

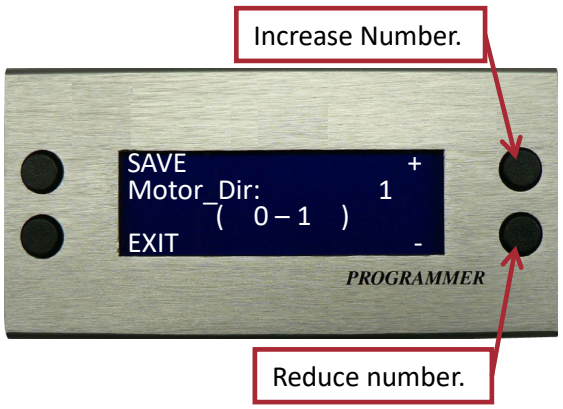
Step 2:
Press "**<<**" or "**>>**" to find the "Motor_Dir" then press **"EDIT"** to start changes.

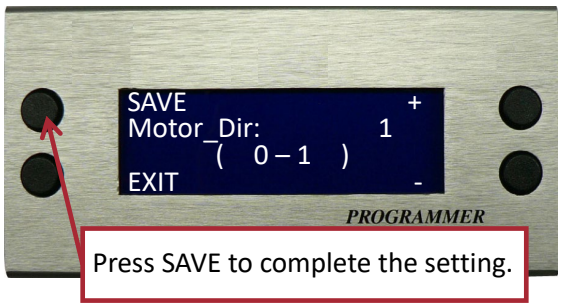


Step 3:
Press " **+**" or " **–**" to select Right-hand or Left-hand thread work.

"0" setting: Left-hand thread is applied, which means Auto shut off in the reverse mode, whereas loosening in the forward mode.

"1" setting: Right-hand thread is applied, which means Auto shut off in the forward mode, whereas loosening in the reverse mode.



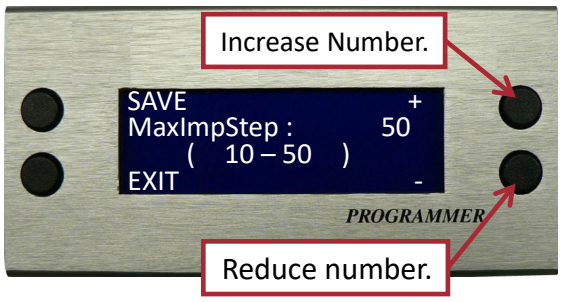
Step 4: Press "**SAVE**" to store the change into the tool.	

MaxImpStep – for maximum stage setting

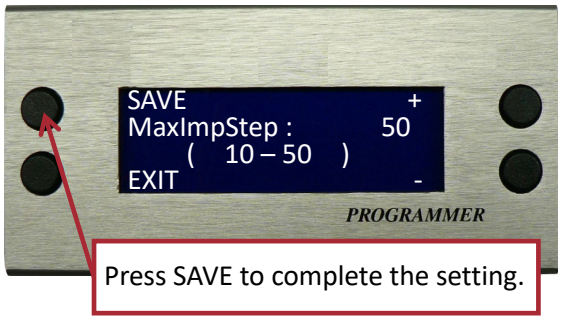
Step 1:
Press "**Enter**" for mode selections.

Step 2:
Press "**<<**" or "**>>**" to find the "MaxImpStep" then press **"EDIT"** to start changes.

Step 3:
Press " **+**" or " **–**" to set the tool's maximum stage, which the number is the maximum that can be adjusted on tool's LED display.

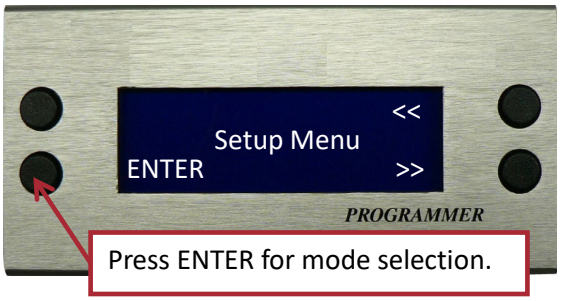


Step 4:
Press "**SAVE**" to store the change into the tool.



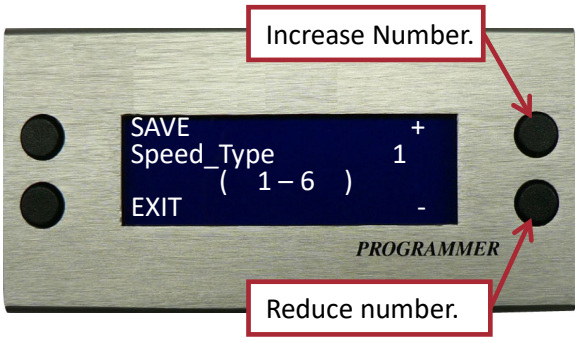
Speed_Type – for free speed of Tool setting

Step 1:
Press "**Enter**" for mode selections.

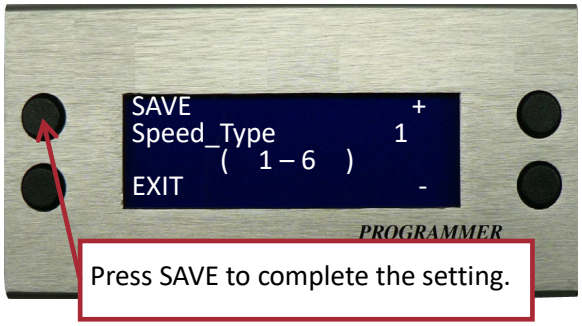


Step 2:
Press "**<<**" or "**>>**" to find the "Speed_Type" then press **"EDIT"** to start changes.

Step 3:
Press " **+**" or " **–**"to adjust the mode of free speed.
"1" setting:
High Speed Mode, rpm: 2400.
"2" setting:
Medium Speed Mode, rpm: 2000.
"3" setting:
Low Speed Mode, rpm: 1500.



Step 4:
Press "**SAVE**" to store the change into the tool.

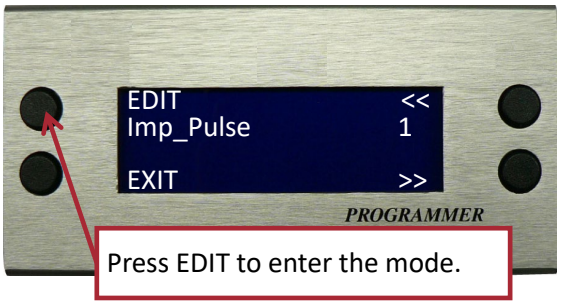


Imp_Pulse – for impact number of each stage setting

Impact number setting of each stage (Please refer "MaxImpStep" for the maximum stage setting)

Step 1:
Press "**Enter**" for mode selections.

Step 2:
Press "**<<**" or "**>>**" to find the **Imp_Pulse** then press **"EDIT"** to start changes.



Step 3:
Press " **+**" or " **–**"to adjust the impact numbers of each stages. The impact number of stage 1 is about 5. For the following stages, the impact number is **5 + ((stage # - 1) x Gain Value)**. The maximum impact number is 150.

The number on the back of the tool are the stages. In addition to this you can add impact by the gain value. For example; my impact number on the back is 10 and my gain value will be 2, the imp_pulse number will be 2.
5 + ((10(stage) - 1) x 2(imp_pulse, gain value) = 28 impacts

"1" setting: the gain value **is 1.**
The impact number of stage 1 is 5.
The impact number of stage 2 → 5 + ((2-1) x **1** =6, the impact number is 6.
The impact number of stage 3 → 5 + ((3-1) x **1** =7, the impact number is 7.
And so on. The maximum impact number is 150.

"2" setting: the gain value **is 2**.

The impact number of stage 1 is 5.

The impact number of stage 2 → 5 + ((2-1) x **2**) =7, the impact number is 7.

The impact number of stage 3 → 5 + ((3-1) x **2**) =9, the impact number is 9.

And so on. The maximum impact number is 150.

"3" setting: the gain value is **3**.

The impact number of stage 1 is 5.

The impact number of stage 2 → 5 + ((2-1) x **3**) =8, the impact number is 8.

The impact number of stage 3 → 5 + ((3-1) x **3**) =11, the impact number is 11. And so on.

The maximum impact number is 150.

"4" setting: the gain value is **4**.

The impact number of stage 1 is 5.

The impact number of stage 2 → 5+ ((2-1) x **4**) =9, the impact number is 9.

The impact number of stage 3 → 5 + ((3-1) x **4**) =13, the impact number is 13. And so on.

The maximum impact number is 150.

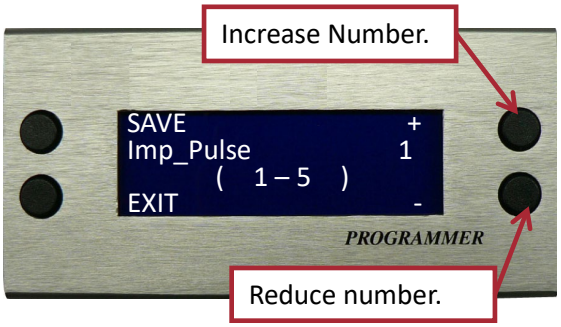
"5" settting: the gain value is **5**.

The impact number of stage 1 is 5.

The impact number of stage 2 → 5 + ((2-1) x **5**) =10, the impact number is 10

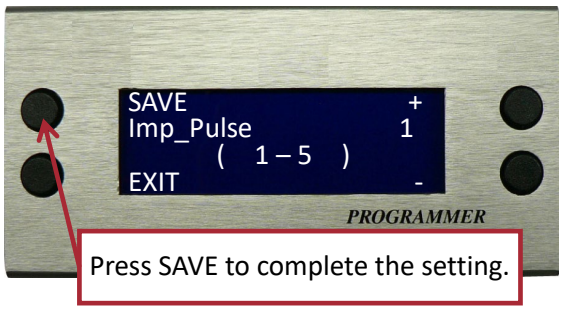
The impact number of stage 3 → 5 + ((3-1) x **5**) =15, the impact number is 15. And so on.

The maximum impact number is 150.



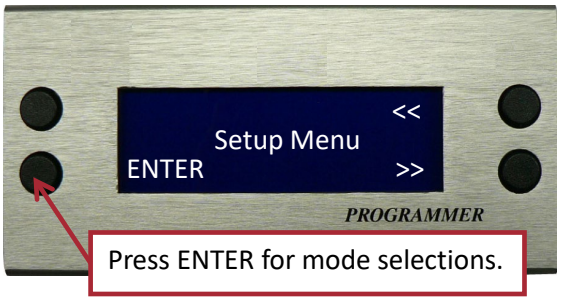
Step 4:

Press "**SAVE**" to store the change into the tool.

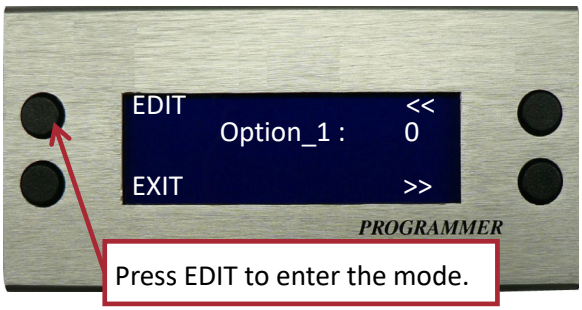


Option_1 – for forward and reverse selection along with Pulse Lock setting

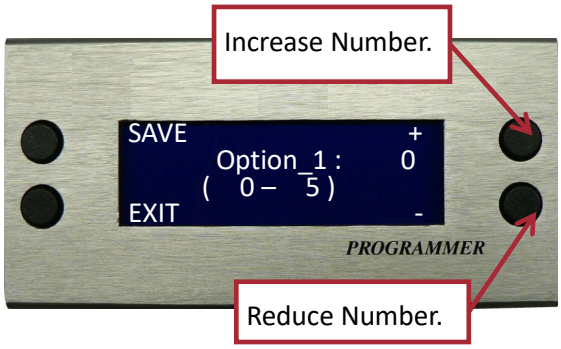
Step 1:
Press "**Enter**" for mode selections.



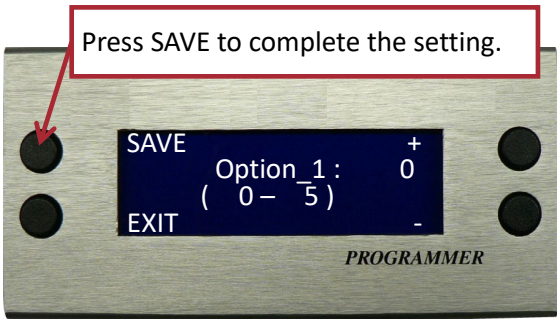
Step 2:
Press "**<<**" or "**>>**" to find the **Option_1 mode** then press **"EDIT"** to start changes.



Step 3:
Press " **+**" or " **–**"to choose the FR mode you prefer:

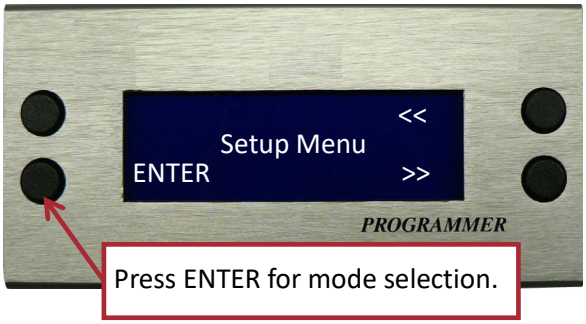


"**0" setting:** the Forward and Reverse selections to operate manually. The pulse setting is unlocked.
"**1**" **setting:** the Forward operation will resume automatically after the tool runs in Reverse operation once. The pulse setting is unlocked.
"**2**" **setting:** the mode is in Forward operation only. The pulse setting is unlocked.
"**3**" **setting:** the F/R setting is same as the mode **at the setting of "0"** but the pulse setting is locked and cannot be changed without a programmer.
"**4**" **setting:** the F/R mode is same as the mode **at the setting of "1"** but the pulse setting is locked and cannot be changed without a programmer.
"5" setting: the F/R mode is same as the mode **at the setting of "2"** but the pulse setting is locked and cannot be changed without a programmer.
"**6" setting:** Only reverse mode is available. The stage setting is locked.(For IWT models only)

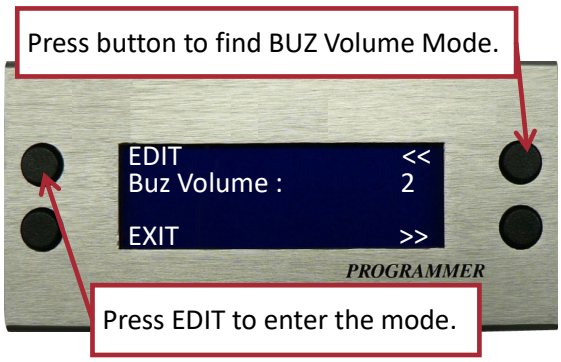
Step 4: Press "**SAVE**" to store the change into the tool.	

Buz Volume – for buzzer volume adjustment

Step 1:
Press "**Enter**" for mode selections.

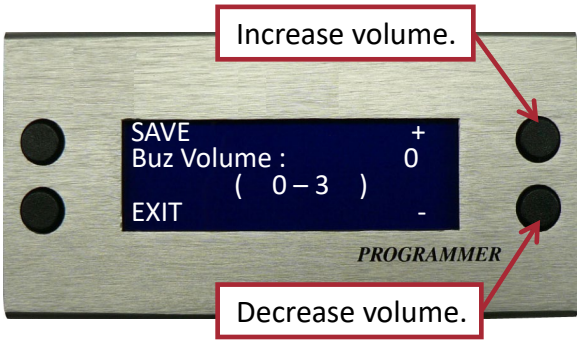


Step 2:
Press "**<<**" or "**>>**" to find the **BUZ Volume** mode and press **"EDIT"** to start changes.

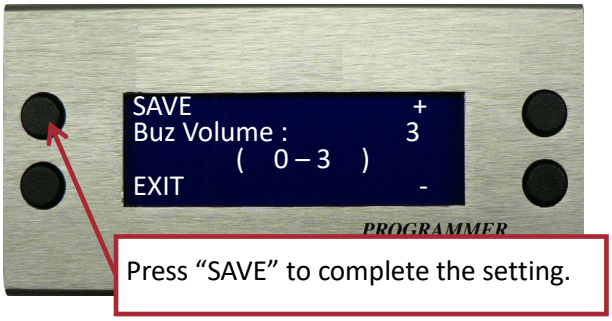


Step 3:
Press **"+"** or **"–"** to increase or decrease the tool buzzer volume.

"**0**" means Mute (no sound)
"**1**" means Low buzzer volume
"**2**" means Medium buzzer volume
"**3**" means Loudest buzzer volume

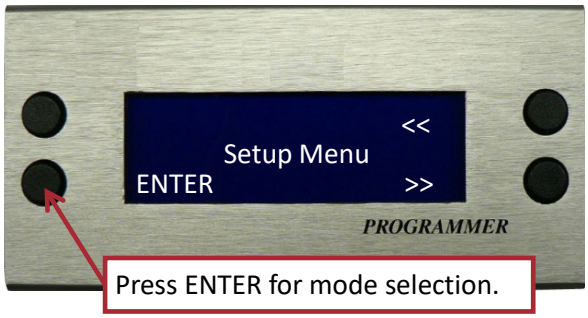


Step 4:
Press "**SAVE**" to store the change into the tool.

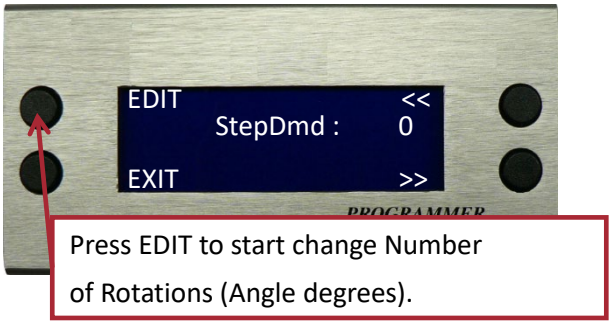


StepDmd – For number of rotations(angle degrees) Monitoring

Step1:
Press "**Enter**" for mode selections.

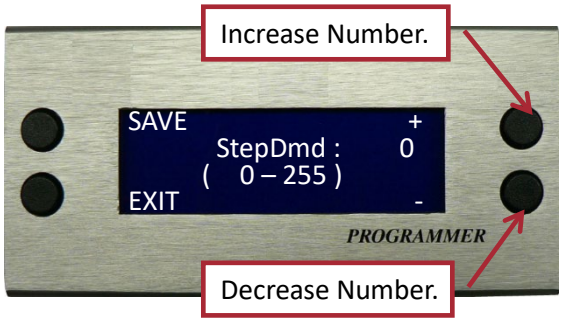


Step 2:
Press "**<<**" or "**>>**" to find the **StepDmd** mode then press "**EDIT**" to enter the Number of Rotations setting.



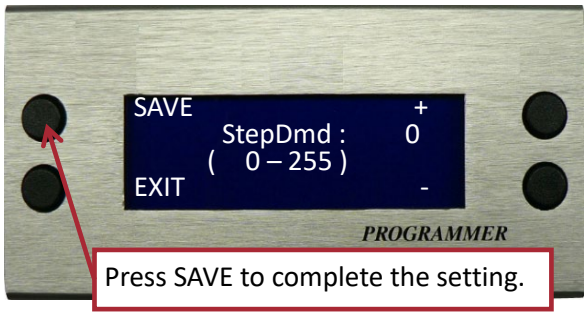
Step 3:
Press **"+" or " –"** to adjust Number of Rotations(Angle degrees):

The number of rotations approximately equals ((the number selected x 0.25)-1). The number can be selected from 0 – 255; however, the number 0 – 6 would be invalid, which depends on actual applications.
For example, I only want to do 7 rotation on my application. In this case I can use this function to do the setting. I should be using **StepDMD 32 -> (32x0.25)-1= 7 rotations.**



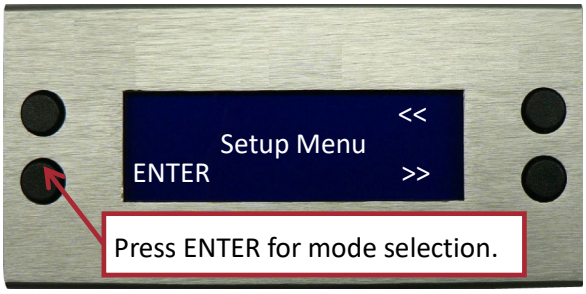
As the tool actual rotations < the number of rotations set, the tool LED will show Red. For example, as the selected number is 12, the number of rotations is about 2((12 x 0.25) -1 = **2**). If the actual tool rotation is less than 2, the tool LED will show RED.
The number of rotations would be different depends on actual applications. An operator can select a number roughly then adjust slightly to reach the number of actual rotations needed.

Step 4:
Press "**SAVE**" to store the change into the tool. The number of Rotations (Angle degrees) of the tool is complete.

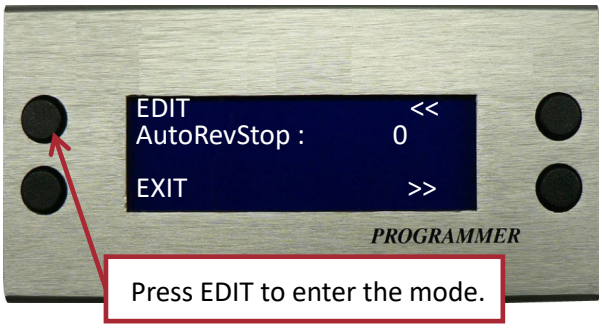


AutoRevStop – for reverse stop options

Step 1:
Press "**Enter**" for mode selections.

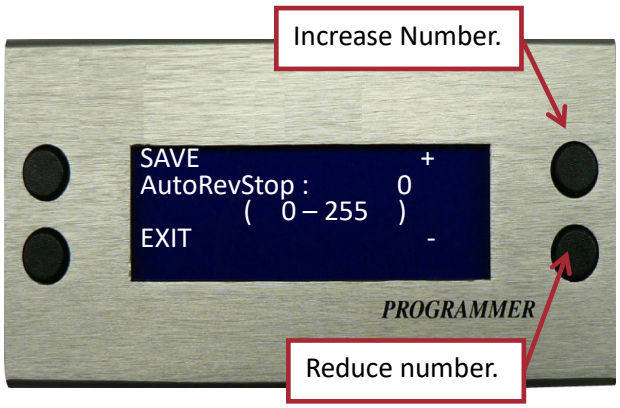


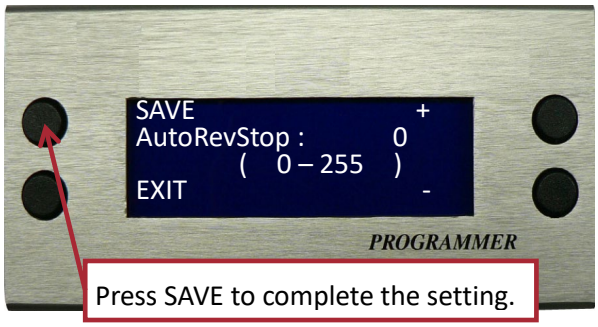
Step 2:
Press "**<<**" or "**>>**" to
find the **StepDmd** mode then press "**EDIT**"
to change the number of preferable rotations.



Step 3:
Press **"+" or " –"** to adjust the reverse stop mode:

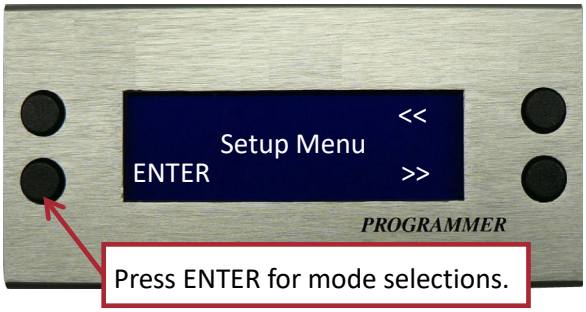
"0" setting: the tool will keep running in reverse direction at high RPM after a fastener removed.
"1"setting: the tool will keep running in reverse direction at low RPM after a fastener removed.
"2-225" setting: the tool will keep running in reverse direction until the preset revolutions reached. The number of revolutions is approximate 3 whereas the setting number is 2. The larger number setting, the more number of revolutions.



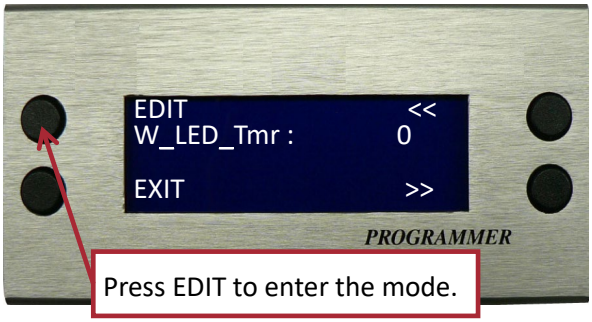
Step 4: Press "**SAVE**" to store the change into the tool.	

W_LED_Tmr – for the amount of time the LED will remain lit

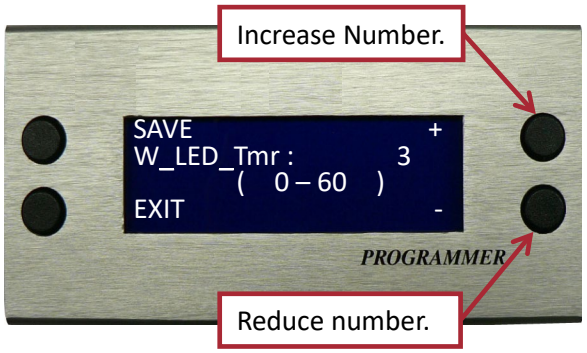
Step 1:
Press "**Enter**" for mode selections.



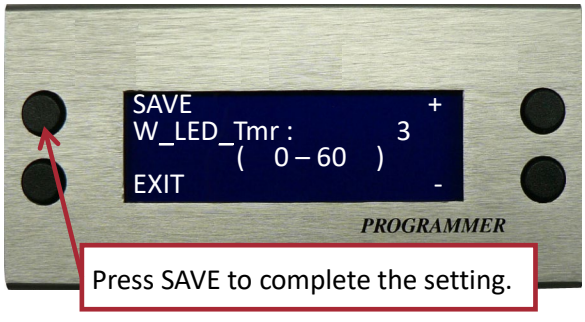
Step 2:
Press "**<<**" or "**>>**" to find the **W_LED_Tmr** mode and press **"EDIT"** to start changes.

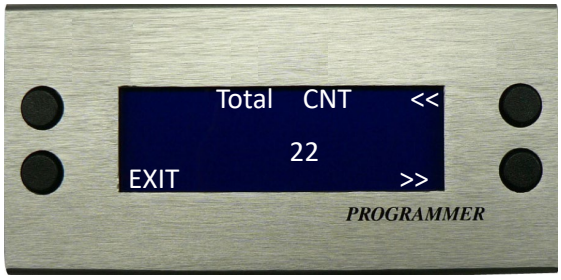
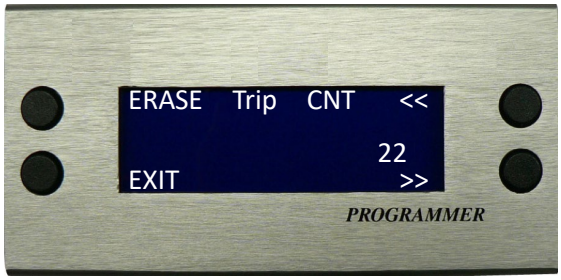


Step 3:
Press **"+"** or **"–"** to set the amount of time the LED will remain lit while in Forward or Reverse operation. The time can be set from 0 to 60 secs. Longer set times may reduce time between battery charges.



Step 4:
Press "**SAVE**" to store the change into the tool.

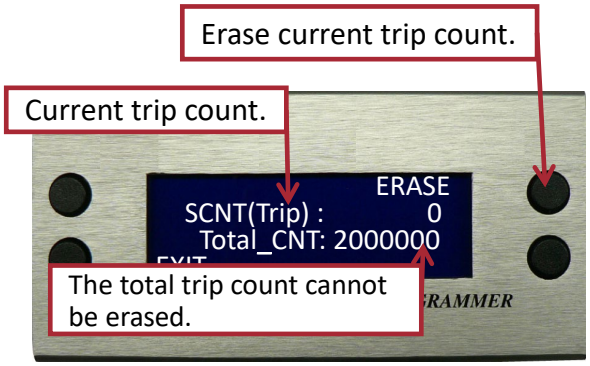


Information Menu *The following programmer details can be seen under information menu.*	
Product ID: Built in information- set by factory.	
Total Count	
Total number of complete tightening. (Failed ones are excluded)	
Trip Count: Numbers of tightening counted per work. (Failed ones are excluded). Press "ERASE" to reset *Trip CNT* to zero.	

Screw Count Menu - Operation count display

Step 1:
Press **"ENTER"** from the **Screw_Cnt Menu** to start settings.

Step 2:
View the current trip count and total trip count. Press **"ERASE"** to clear/reset the current count.



Step 3:
Press **EXIT** to return to the main menu.