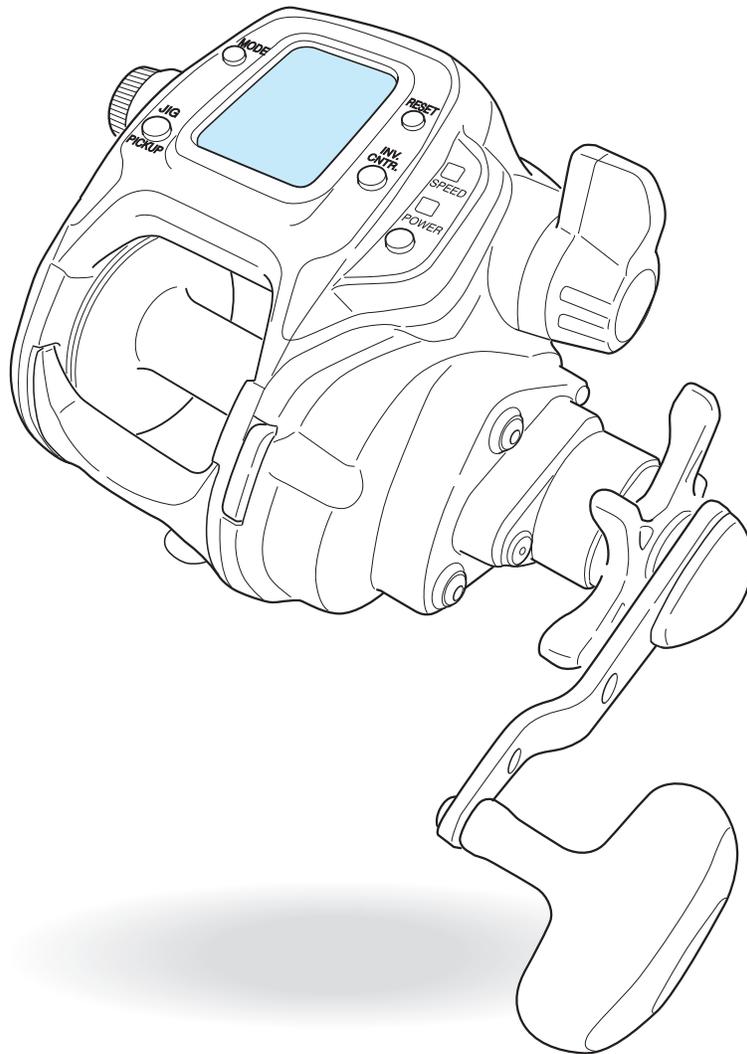


SEABORG 500MT

OPERATING MANUAL

Thank you for purchasing a SEABORG 500MT. To take full advantage of the reels many useful functions, please read this manual carefully before using. Retain this manual for future reference.



Reference



Index

Caution	1	10. Winding speed indicator	31
Precautions		Winding speed display	
Power source	2	11. Remaining time to auto stop	32
How to connect the reel to the power source		Displaying of the remaining time to auto stop	
About the power source		12. Chumming timer winding	33,34
Battery indicator		Chumming timer winding	33
Using the Reel	3	Chumming timer	34
About the counter display		13. Display recalibration	35
Display revision		Display revision	
Maintenance	4,5	14. How to fix the Rod Clamp	36
About maintenance	4	Useful functions	37
Maintenance procedure	4	Various alarms	
Handling and maintenance of the power cord	5	Display light	
maintenance of the cord	5	Breaker display	
Other maintenance points	5	Reel Specification	38
Names of the buttons and the display	6,7	Reel Specification list	
Names and functions of each part	8,9	Counter display	
Line data input	10-16	Parts List	39
Daiwa braided line	10	Trouble shooting	40
When line length is known	11,12		
With Backing line	13,14		
Data Re-Entry	15,16		
Functional setting operation	17-36		
1 Mode setting display	17,18		
How to set the many functions available			
2. How to use the SHIFT BUTTON	19		
3. Before you begin fishing	20		
Surface depth setting			
When the main line is cut or broken off.....			
4. Auto stop function	21-23		
Auto stop setting	21		
Auto stop	22		
5. Line feeding function	23		
Line feeding function			
6. Live lining mode	24,25		
Live lining mode setting	24		
Live lining	24		
Live line Alarm	24		
Live Line Alarm sensitivity adjustment	25		
Live out Alarm	25		
Strike Zone Memory	25		
7. Pickup speed setting	26		
Pickup speed preference			
8. Inverse counter	27		
Inverse counter			
9. Jigging	28-30		
Jigging	28		
Jigging master	29,30		



Methods of Inputting Line

I can input this reel by the following method.

P0 Line Input Mode 10

The input method is simple: all you have to do is just to input data for spooling the reel with Daiwa shelf sensor bright.

P1 Inputting the line length 11,12

This method is used when the line length is known before winding.

P2 Inputting line Backing 13,14

Input method of back line data
This will require a main line of 100m or longer specific length.

P3 Data Re-entry 15,16

Method of re-inputting of line values after the main line is originally wound.

Caution

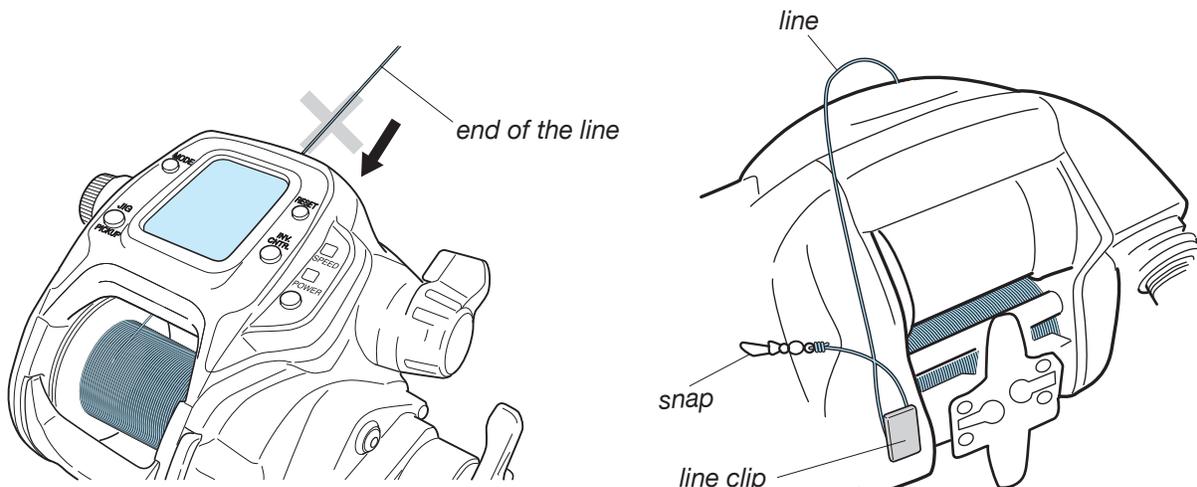
Precautions

Warning		<ol style="list-style-type: none">1. This product generates weak electro-magnetic waves while its power is ON, which could cause malfunction of medical equipment such as hearing aids, pacemakers and other devices. Wearers of heart pacemakers could experience variations in heartbeat or dizziness. So please, be sure to ask the manufacturer or dealer of your specific medical equipment about any potential hazards posed by the effects of electro-magnetic waves.2. Be careful to keep fingers clear of the levelwind mechanism. It can pinch your fingers and cause injuries.
		<ol style="list-style-type: none">1. If your sinker or lure is caught on the bottom, cut your line rather than jerk the rod to free it.2. After fishing, rinse and dry the reel thoroughly. Store in a dry place.3. Handle the reel with care. Dropping it may cause damage.4. Do not touch the line while reel is running. It could cut your skin.5. Use this reel for fishing purposes only.6. Be careful not to get reel grease on your clothing.7. Do not use metal wire for the main line.8. Sharp impacts due to inadvertent drop or other reasons may cause reel body breakage, damage to the inner electronic components, and cracks or short circuit of the board, resulting in functional disability.
Attention		<ol style="list-style-type: none">1. When you use a power source other than the battery or the power source provided by the boat, be sure it is of the proper voltage. Excess voltage will harm the reel and may generate enough heat to burn your hands.2. Do not use badly rusted cord to prevent electrical heat.
		<ol style="list-style-type: none">1. Do not touch moving parts while the reel is operating or it may cause injury.2. Drag adjustment should only be done with the auto winding functions off.
		<ol style="list-style-type: none">1. Do not disassemble the reel. It could result in malfunction that could damage the reel or cause personal injury.

Do not reel in the end of the line

DO NOT allow end of line to be wound onto the spool. This may cause synchronization with the levelwind to be lost, a condition that can damage the levelwind due to the reel's high power output. Should this happen, line should be removed from spool and rewind.

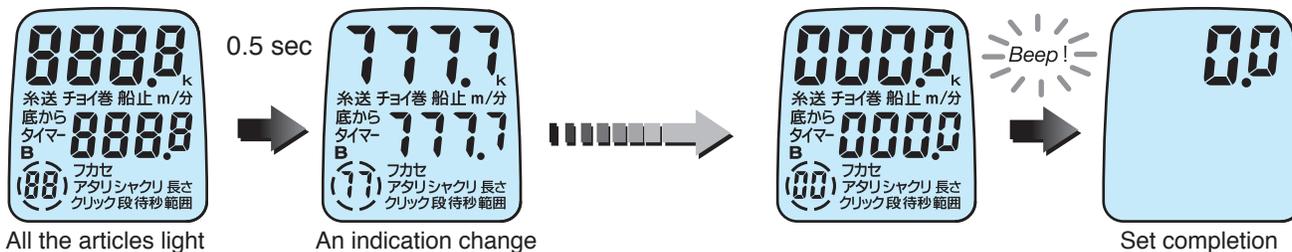
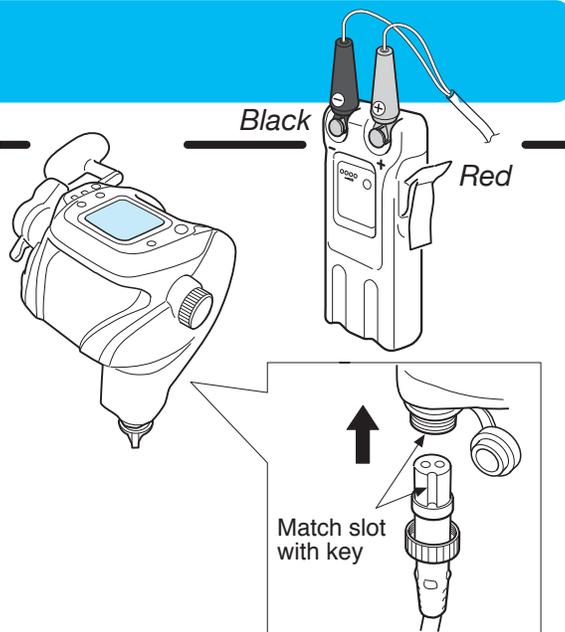
After each trip, attach line to line clip to prevent it accidentally being wound onto reel.



Power source

How to connect the reel to the power source

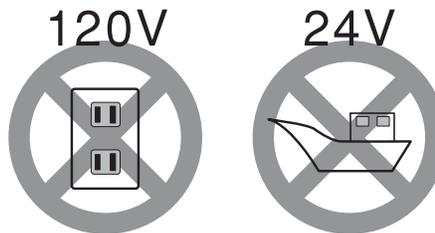
1. Attach the cord clips to the battery. Red covered clip is the plus (+), and the black covered clip is the minus (-).
2. Insert the connector into the reel. After this, the display appears as below.
By taking the appropriate steps, the indication will change as shown below and the data will be set.



1. When changing batteries, the display's backup memory stays active for about 15 minutes after the old battery is disconnected. Thus the above display startup sequence does not need to replay when the new battery is connected within the 15 minute time frame.

About the power source

This reel is made to accept DC 12 Volt power only. Power sources providing other than this cannot be used. The power provided by a boat can be unstable, causing the reel to stop unintentionally. This can result in poor reel performance. Please use a battery made specifically for fishing reels, such as our lithium battery.

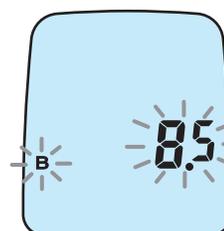


Make sure of the following before departure.

1. Recharge the battery before your fishing trip. Over time, a battery can naturally discharge.
2. Confirm the boat can provide the proper power source (i.e. voltage, connector shape etc).
3. Corroded connections can prevent the flow of electric current. Remove any corrosion or dirt from the connectors.

Battery indicator

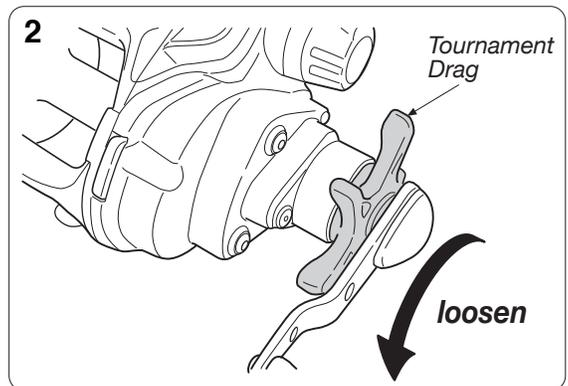
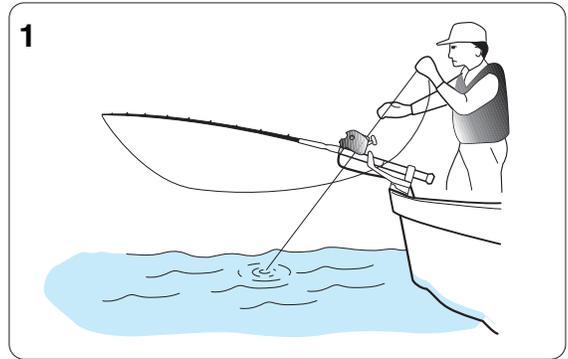
With power on, digits of the inverse counter (counter in the lower area) will blink if voltage gets below DC 9 V. If the display shows this when the motor is not running, then battery voltage is likely to be low. In this case, replace the battery with a recharged one.



This figure shows the voltage is 8.5 V

Using the Reel

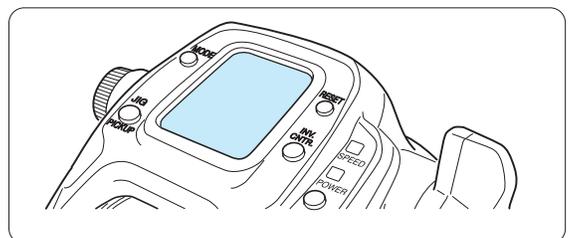
1. Do not jerk your rod to free a lure or sinker stuck on the bottom. Pull the line taught with a gloved hand and cut it.
2. After maintenance, be sure to loosen the drag and store the reel in a dry place.
3. Handle the reel with care to avoid dropping and possibly damaging it.
4. Do not use metal wire as the reel's main line.



About the counter display

The following conditions may make the display difficult to read.

1. Wearing polarized glasses.
2. Excessively cold or hot weather, mid-winter (display's surface temperature is below -10 degrees centigrade) and mid-summer (display's surface temperature is above 60 degrees centigrade).
3. When light strikes the display from certain angles, the display's digits may have shadows. This does not affect its function.



Maintenance

About maintenance

This is a washable reel. Wash away salt residue and grit after fishing

Maintenance procedure

1. Wash the reel with a dish washing detergent and a soft sponge. Do not use solvents.

Do not use soap or other detergents. Other soaps or solutions may damage the reel both externally and internally. The solution may damage the outside coating of the reel and may breakdown the grease inside of the reel creating an overflow of grease.

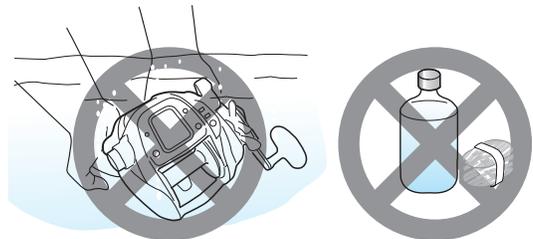
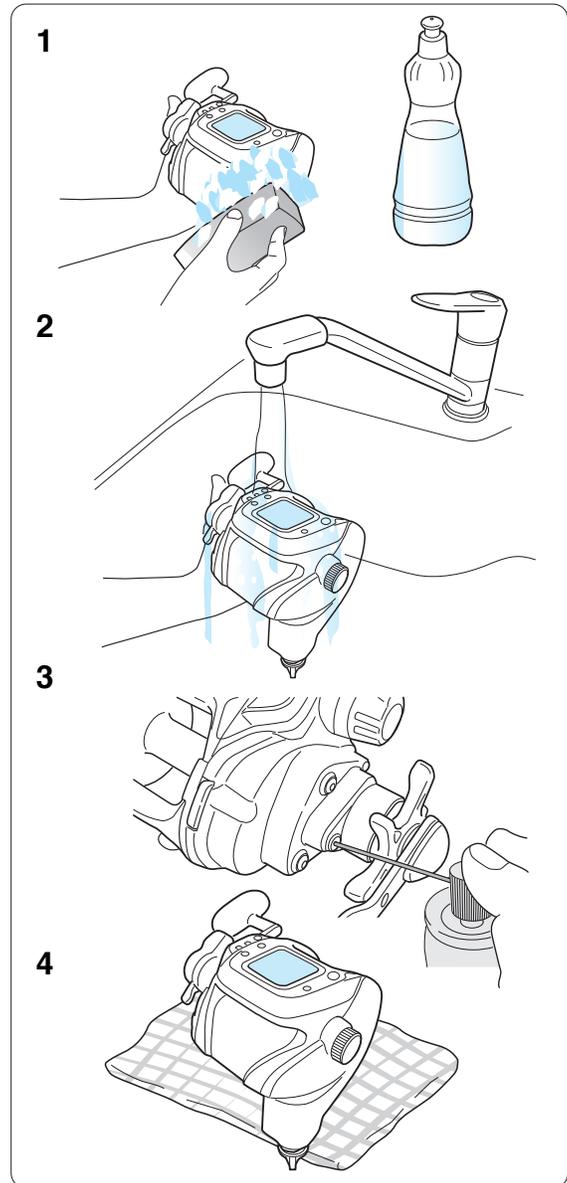
2. Rinse detergent and dirt away with running water, rinsing the spool very well to get rid of salt. Use warm water, under 30 degrees centigrade.

3. At the fishing site, spray accessory oil into the oil hole on the right sideplate.

Spray for only one second. Excessive spraying may result in an overflow of oil.

Use ONLY the oil that is included with the reel. Other types of oil may affect the overall performance of the reel.

4. Dry the reel well.

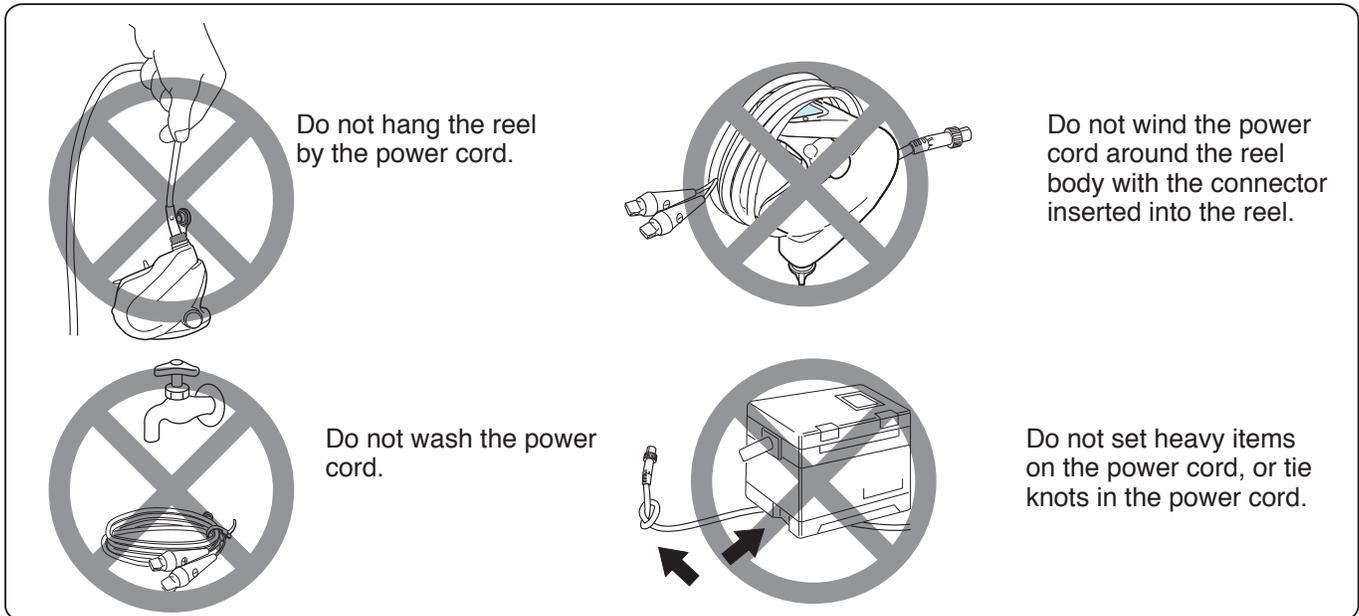


1. Do not submerge the reel when washing.
2. Do not use organic solvents such as benzene and thinner.
3. Do not use a steel brush or abrasive cleanser.
4. Do not attempt to look inside the oil hole. The oil may splash and spurt out of the oil hole.

Maintenance

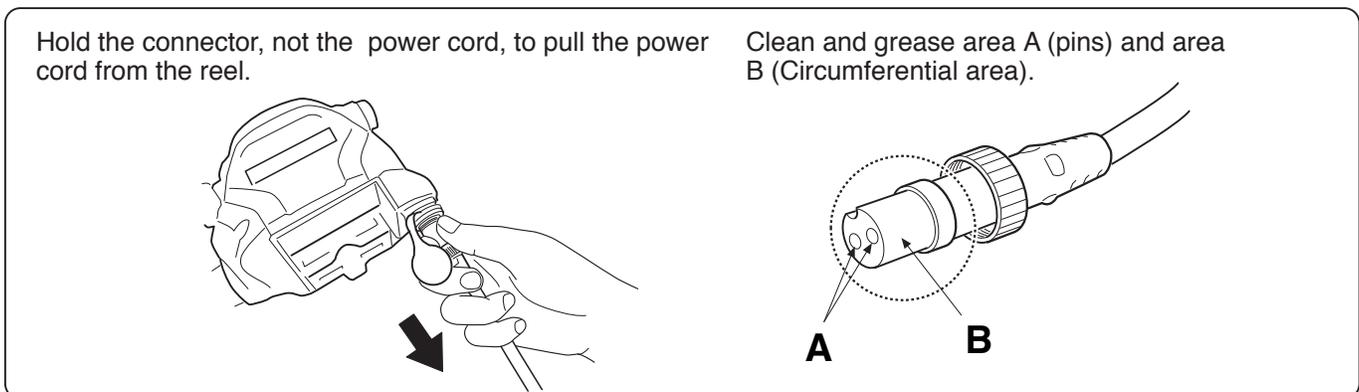
Handling and maintenance of the power cord

Follow the restrictions below to avoid cord problems. Do not cut or connect your cord by yourself as it can cause unintended problems.



Maintenance of the power cord

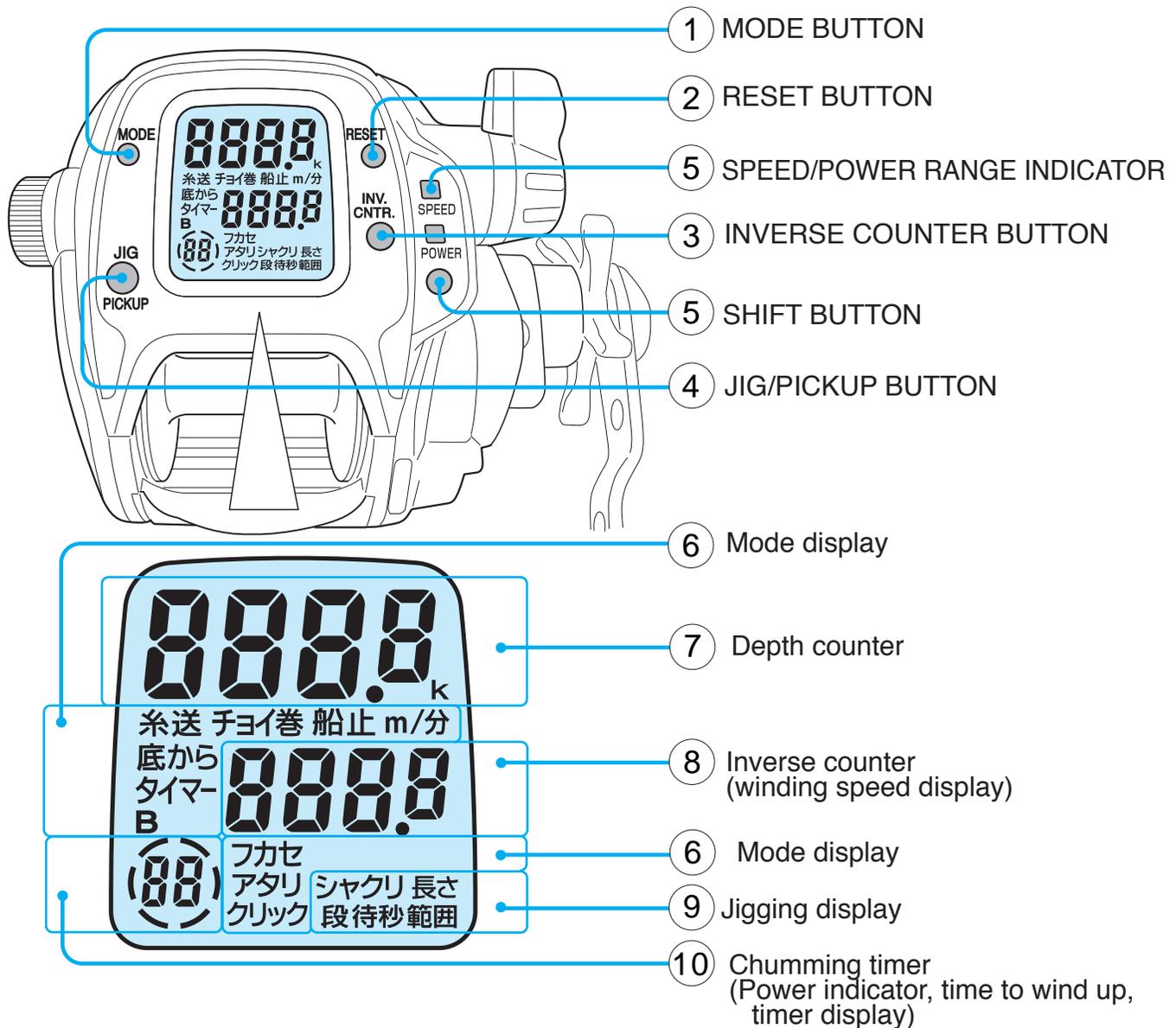
- Wipe the power cord with a wet cloth and dry it well.
- Pay special attention to drying the tips, with cover removed.
- Grease the connector after it is dried.
- Disconnect the power cord from the reel before storing.



Other maintenance points

- This reel is a precision instrument that employs electric circuitry and motor. Do not disassemble the reel by yourself.
- Cover the power connector on the reel with its protection cap.
- Old or worn cords can cause a bad connection and/or short circuit. Replace the cord every 2 years.

Names of the buttons and the display



① MODE BUTTON

- Press the **MODE BUTTON** to scroll through the adjustment displays for each reel function. Hold the button down for at least two seconds before scrolling to prevent operational mistakes.
- Use the Power Lever to adjust numeric values.
 - Pressing the **MODE BUTTON** sets the numeric values you have adjusted.
 - Depress and hold the **MODE BUTTON** to return to the depth display.
 - Mode change cannot be done while line is being fed.

② RESET BUTTON

This button resets the depth counter to zero. Make sure to press this button before you start fishing. The reset depth is used to make the auto stop function work. (display shows **船止**). The default setting of auto stop is 2 meters.

The **RESET BUTTON** must be quickly pressed 3 times within 2 seconds. This prevents accidental resetting. For a total reset, when line has been broken off, press and hold the button for at least 2 seconds.

③ INVERSE COUNTER BUTTON

- Pressing this button resets the counter in the lower area of the display.
- It memorizes distance from the bottom, handy for dropping a bait right back into the strike zone after you've been bit.
 - The chumming timer resumes after pressing this button.

Names of the buttons and the display

④ JIG/PICKUP BUTTON

Selection between pickup and jiggling can be done in the mode setting display. (One of them should necessarily be chosen.)

Pickup

- You can wind only while pressing this button. This function is useful to wind up line slack and attract fish.
- Winding speed can be changed with the mode setting display. (Default setting is speed 20)

Jiggling

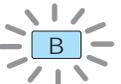
- Jiggling can be ON/OFF.
- Pressing this button starts jiggling. (Display shows)
- Pressing the button again stops jiggling.

⑤ SHIFT BUTTON, SPEED/POWER RANGE INDICATOR

- Pressing this button switches the modes between the Speed range mode and the Power range mode.
- A green lamp is lit while in the Speed range mode, a red lamp is lit while in the Power range mode.

⑥ Mode display

- This display allows you to change setting of each function.
- The functions that are set to work are shown on the display.
(Default setting is speed 15, but the speed can actually be set between 0~Hi.)

Display	Function	Display	Function
	Pressing the RESET BUTTON makes this indicator appear. (If the RESET BUTTON is not pressed, Auto Stop will work at 5.0m from the broadside.)		Chumming timer starts working.
	While the JIG/PICKUP BUTTON is being pressed, the line can be electrically wound up.		Distance from the bottom is constantly displayed.
	Auto Line feeding is employed. Default setting is off.		If the supply voltage drops, the indicator will blink. (Pressing the MODE BUTTON does not change the indication.)

⑦ Depth counter

- It shows the depth from the surface.

⑧ Inverse counter (winding speed display)

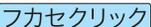
- This counter shows the depth from the bottom (or a certain depth).
- Once this counter is turned on, its display cannot be turned off.
- While winding up, winding speed appears in meters per minute.
(The display of winding speed can be set to OFF)

⑨ Jiggling display

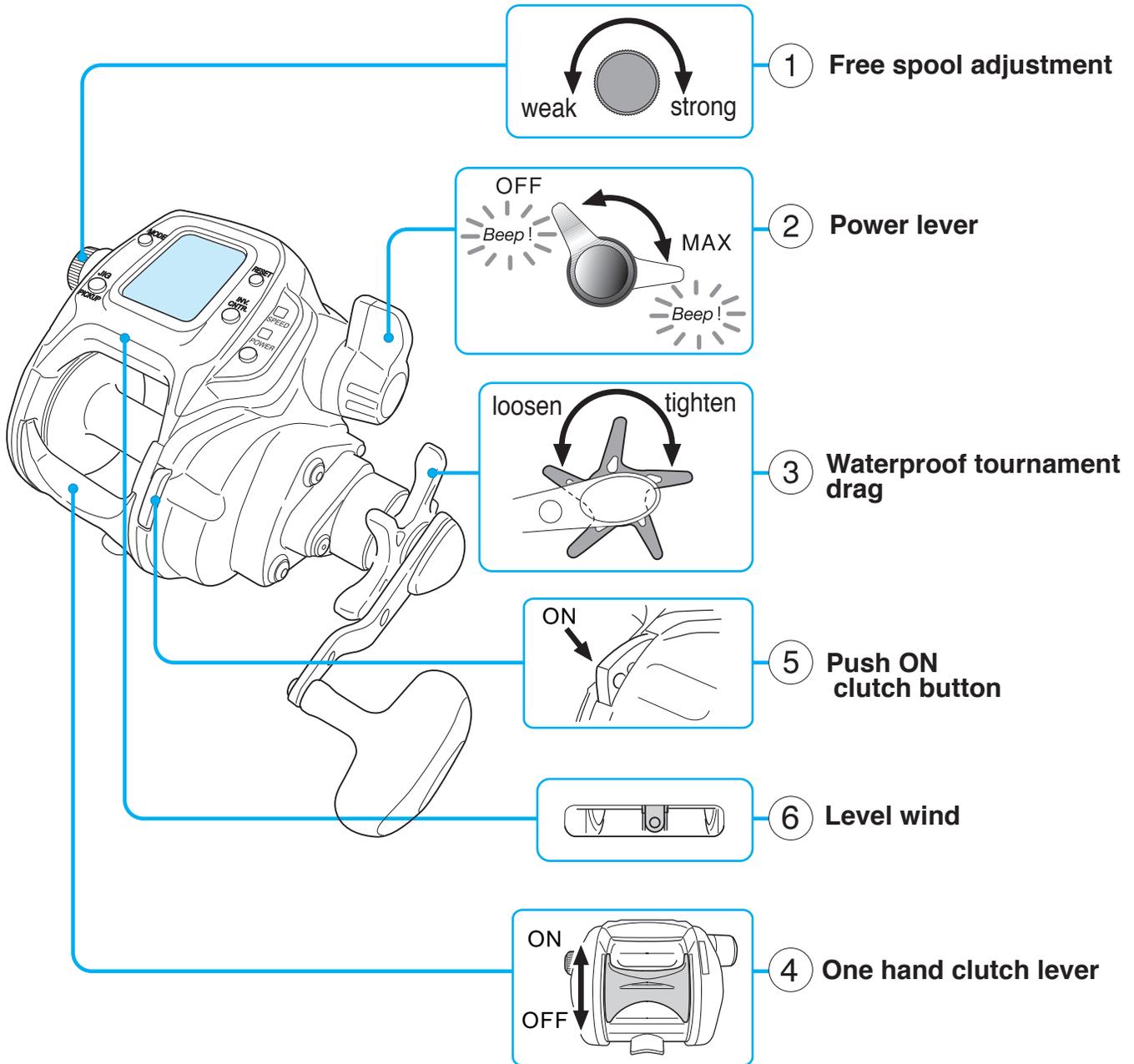
- This is appeared only when the jiggling function is on.
- It blinks when jiggling is in process.
(While the depth indicator is shown, the lamp will not light up even when it is set.)

⑩ Chumming timer (Power indicator, time to wind up, timer display)

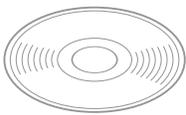
- The chumming timer appears when motor rotation is stopped. The timer display cannot be set to OFF.
- While using the power lever, the power level is shown.
- While the electric winding up is in action displaying actual winding speed, the timer indicates the remaining time to auto stop at the ship side (in minutes and seconds).

Display	Function
	Live line mode is ON.
	The alarm will sound when a move quicker than a preset range is detected while the clutch setting is OFF.
	The alarm sounds every time 1 m of main line is extracted while the clutch setting is OFF.
	Pressing the JIG/PICKUP BUTTON makes the function work. Pressing the button again stops it.

Names and functions of each part



7 Enclosed items

- 
 Power cord
- 
 Manual CD-R
- 
 Storage bag
- 
 Levelwind threader
- 
 Reel seat protector

Names and functions of each part

1 Free spool adjustment

- It adjusts brake tension on the spool to prevent backlash or line slack caused by dropping the line with hook and sinker.

2 Power lever

- You can freely adjust winding power, or winding speed, from zero(ON/OFF) to maximum, by 32 steps, by using the lever.
- Tilting the lever forward adds power and speeds up the winding.
- Pulling the lever back slows down the winding.
- Without the lever positioned to OFF, it is impossible to start winding. You have to pull it back to the OFF position before you start winding. An audible sound indicates the OFF position.
- The power lever is used to set numerical values on the various function displays.

3 Waterproof tournament drag

- Adjusting the star drag allows the spool to slip against a strong pull to avoid line breakage.
- (1) Adjust the drag while reel is on the rod and the line is strung through all the line guides.
 - (2) Adjust drag with the clutch ON, while pulling the line with your hands. Normally, the drag is adjusted to prevent the weakest line in the line system from breaking.

4 One hand clutch lever

- The clutch can be set OFF just by pressing down the lever lightly with your thumb.
- When the clutch setting is ON: Turning the handle winds up the line.
- When the clutch setting is OFF: Spooling can be made freely. The clutch is set ON by turning the handle in the normal direction.

5 Push ON clutch button

- When the clutch is off simply push the button to engage the clutch to the on position.
- If the clutch setting is OFF, tilt the lever so that the clutch is set ON

6 Levelwind

- The levelwind distributes line evenly on the spool as you wind it in.
(Under some special circumstances line may not wind evenly because of the clearance between the levelwind and the line.)

7 Enclosed items

- Power cord
- Manual CD-R
- Storage Bag
- Levelwind threader (This tool simplifies threading line through the levelwind.)
- Reel guard oil
- Reel seat protector

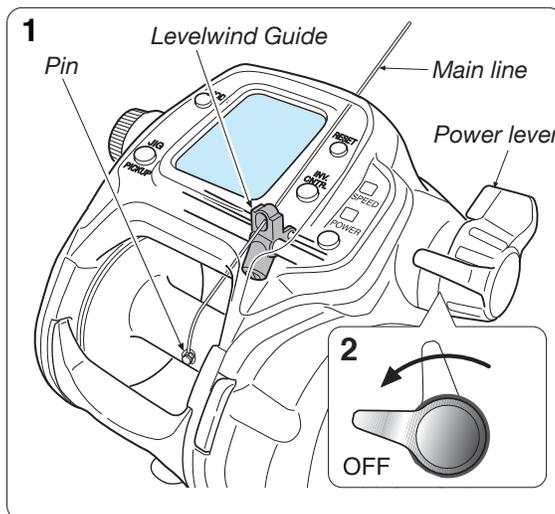
Use this seal to protect your rod from being damaged by the reel frame.

Please note that attaching this protection seal may disable the reel from being installed to some rods.

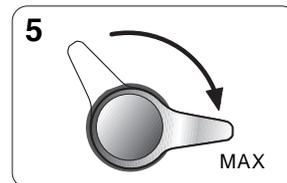
Line data input (Daiwa braided line)

A special input method can be used when spooling the reel with Daiwa braided line. It is a useful method because it requires less data input.

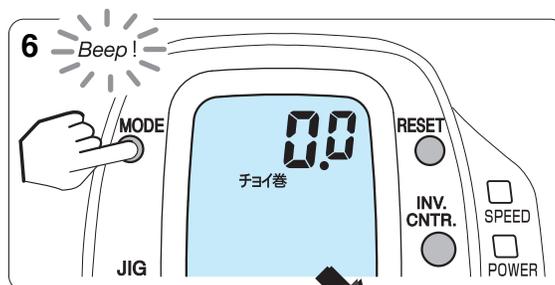
1. Run line through the levelwind guide and tie it onto the spool. The levelwind threader makes this process easier. Make sure to tie the line onto the pin found on the spool to avoid the line slipping.
2. Move the power lever to the OFF position.
3. Connect the clip to the power source (12V DC).
4. Attach the cord connector to the reel. See page 2 for connection detail.



5. Wind the line to its end with the power lever at maximum.
 - Wind line under tension (about 1 kg.).
 - Drag should have enough tension to wind line without slipping.
 - Be careful not to wind the end of the line onto the reel.
 - Do not allow line to rub against the finger guard while winding as it will scratch the guard.

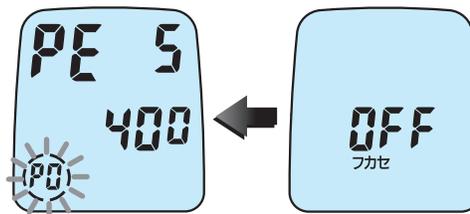


6. The display will read 0.0. Press and hold the MODE SETTING BUTTON for five seconds. When the button is released, the default setting will show.
 - Keep the button depressed even after the trolling display appears in two seconds.



7. Default setting “PE 6 – 300 m” is shown on the display and P0 blinks.

8. The power lever can be used to change from the default value to other line PE values in the reel’s memory. Once the appropriate value is displayed, exit the setting display by pressing the MODE SETTING BUTTON 4 times. The display will return to 0.0.



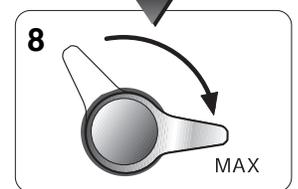
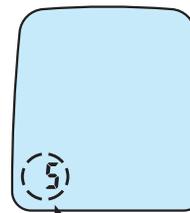
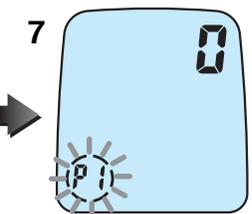
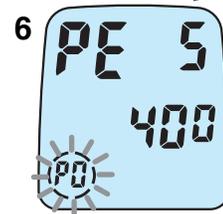
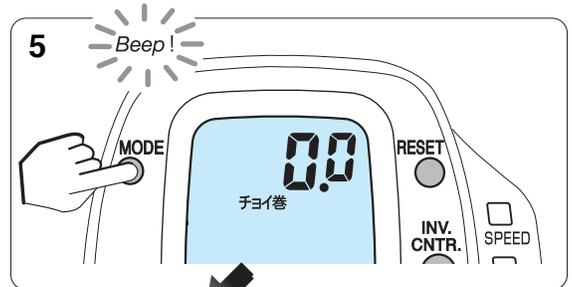
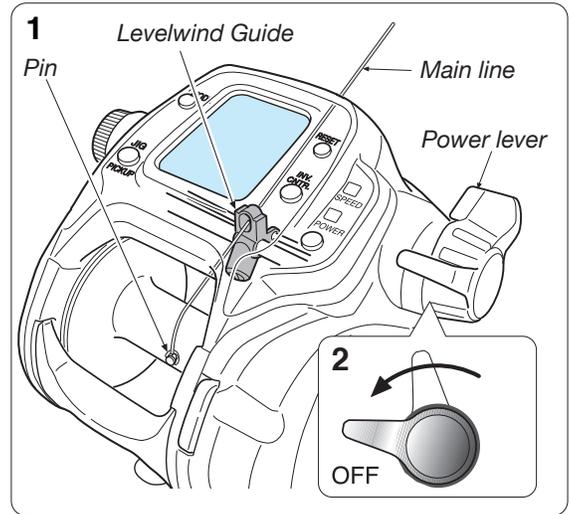
DAIWA BRAIDED (m)				MONO (m)			
Display shows PE at upper left of the display.				Display shows L at upper left of the display.			
PE4(55lb)	—	400	500	L6(25lb)	300	350	—
PE5(70lb)	300	400	—	L7(30lb)	300	—	—
PE6(80lb)	300	—	—		—	—	—

The SEABORG 500MT has data for the above Daiwa braided lines stored in the reel’s memory. Therefore, when winding these lines, there is no need for additional data input.

Line data input (When line length is known)

This method is used when the line length is known before winding. In the example below, PE 6 – 300m is wound.

- Run line through the levelwind guide and tie it onto the spool. The levelwind threader makes this process easier. Make sure to tie the line onto the pin found on the spool to avoid the line slipping.
- Move the power lever to the OFF position.
- Connect the clip to the power source (12V DC).
- Attach the cord connector to the reel. See page 2 for connection detail.
- Press the **MODE SETTING BUTTON** and hold for five seconds, until the display shows **0.0**.
 - When the display panel shows anything other than **0.0**, entries cannot be made. Press the **RESET BUTTON** to reset the value to **0.0**.
 - Keep on pressing the button even after the trolling display appears in two seconds. This changes the display as shown in the right bottom picture and **P0** starts blinking.
- When the button is released, the display will then change to the figure on the left, which shows **P0**.
- Press **MODE SETTING BUTTON** once to move to the line length input mode. **P1** will be blinking. Make sure the drag is set firmly.
- Push the power lever forward to maximum and wind the line to its end. For your safety, shift to the power range mode before beginning to wind line. You can still adjust winding speed. As the power lever is moved forward, the **P1** display changes to a tension indicator. Before winding line, use the Power Lever to adjust the tension setting displayed at the bottom left of the display panel. Adjust to 4-5 for the Power range mode and 6-8 for the Speed range mode.



Tension indicator



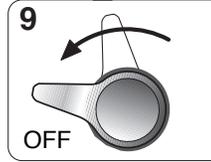
If the line is wound indoors at a low speed and with a high tension for a long period of time (*1), the motor will be overheated, which may cause motor failure. This issue does not need to be considered during fishing because the motor will be cooled by sea water.

(*1) If the line is wound continuously for 10 minutes, the motor overheat prevention function will start to work, which will stop the motor. In this case, the display will start to blink and any operation will become unavailable for 5 minutes. When the countdown display on the chumming timer indicator area reaches "4→3→2→1→0" (min.), a beep will sound and data inputting will become available again from the state immediately before the motor stoppage.

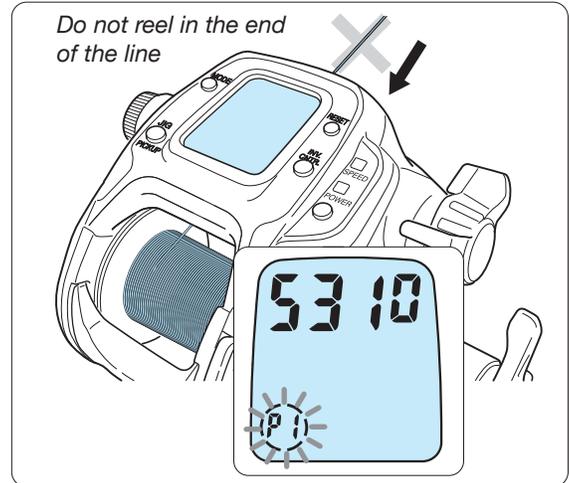
Line data input (When line length is known)

P1 Inputting the line Length

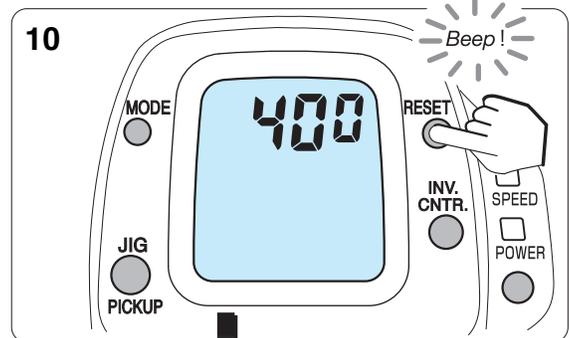
9. Pull the lever back to the OFF position, after winding.



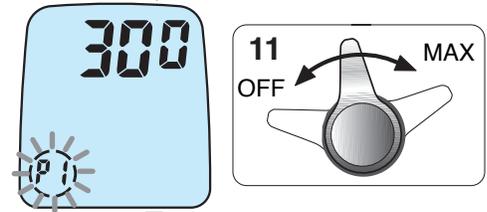
1. Do not wind the end of the line onto the spool because it causes incorrect length calculation. Move the power lever to OFF position, and wind manually when nearing the end of the line.



10. Press **RESET BUTTON** for 2 seconds, until the display shows **400**. (400 is the default setting)



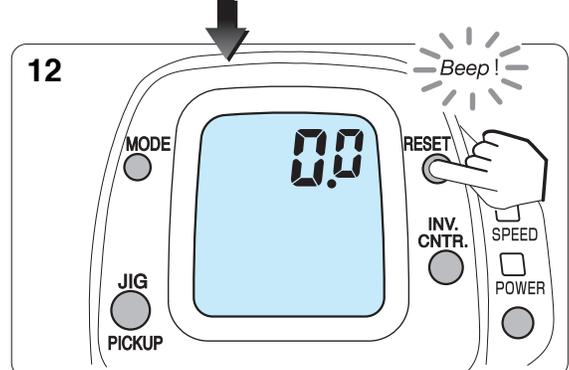
11. Enter the line length with the power lever. (in the figure on the right, line length is 300 m).



12. Press **RESET BUTTON** for 2 seconds and a beep will be heard. The display should return to **0.0**, completing the setting procedure.

If "Err" appears on the display, you must use the **MODE SET BUTTON** to re-enter the data.

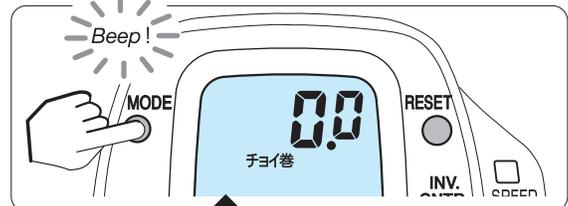
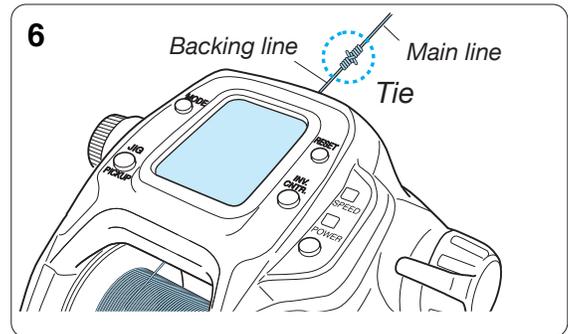
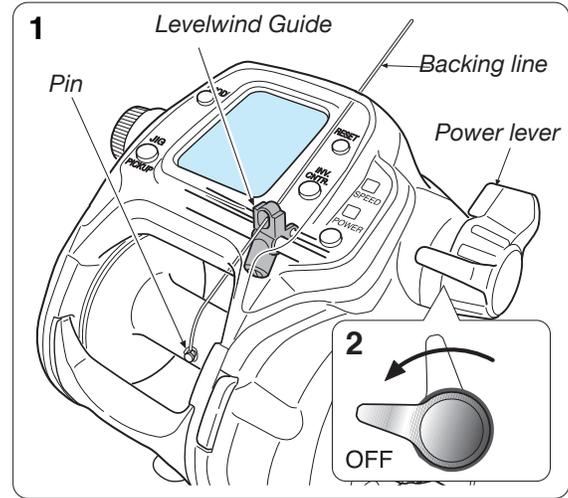
Or see pages 15,16, Data Re-Entry



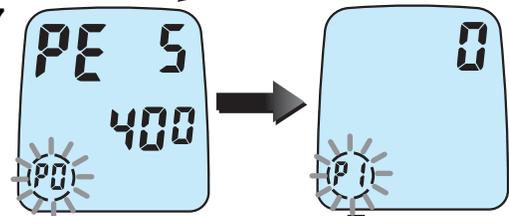
Line data input (With backing line)

This method requires use of Daiwa braided line that is color coded to show length and has a total length greater than 100 m.

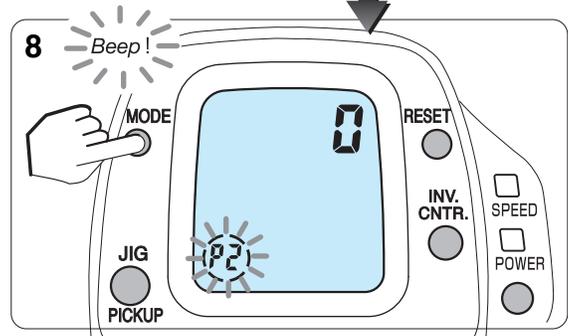
1. Run the backing line through the levelwind guide and tie it onto the spool. The levelwind threader makes this process easier. Make sure to tie the line onto the pin found on the spool to avoid the line slipping.
2. Move the power lever to the OFF position.
3. Connect the clip to the power source (12V DC).
4. Attach the cord connector to the reel. See page 2 for connection detail.
5. Wind the backing line.
6. Tie the backing line securely to the main line.



7. Press the **MODE SETTING BUTTON** for 5 seconds, when the display will show 0.0.
 - When the display panel shows anything other than 0.0, entries cannot be made.
 - Press the **RESET BUTTON** to reset the value to 0.0.
 - Keep the button depressed even after the trolling display appears in two seconds.
 - P0 will be blinking.



8. Press the **MODE BUTTON** twice and change the display to backing line input. P2 will then be blinking.



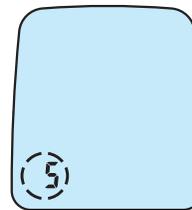
Line data input (With backing line)

9. As indicated by the line's color coding, wind the line up until the remaining line is 100m.
With the power lever moved forward, P2 changes into a tension indicator.

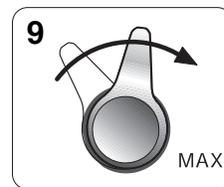
For your safety, shift to the power range mode before beginning to wind line. You can still adjust winding speed.

Before winding line, use the Power Lever to adjust the tension setting displayed at the bottom left of the display panel.

Adjust to 4-5 for the Power range mode and 6-8 for the Speed range mode.



Tension indicator



If the line is wound indoors at a low speed and with a high tension for a long period of time (*1), the motor will be overheated, which may cause motor failure. This issue does not need to be considered during fishing because the motor will be cooled by sea water.

(*1) If the line is wound continuously for 10 minutes, the motor overheat prevention function will start to work, which will stop the motor. In this case, the display will start to blink and any operation will become unavailable for 5 minutes. When the countdown display on the chumming timer indicator area reaches "4→3→2→1→0" (min.), a beep will sound and data inputting will become available again from the state immediately before the motor stoppage.

10. Press **RESET BUTTON** for 2 seconds.
P2 blinks and the counter in the lower area shows 50. The upper counter digits increase as line is wound.

11. Wind on another 50 m of line, keeping line tension at the suggested level.

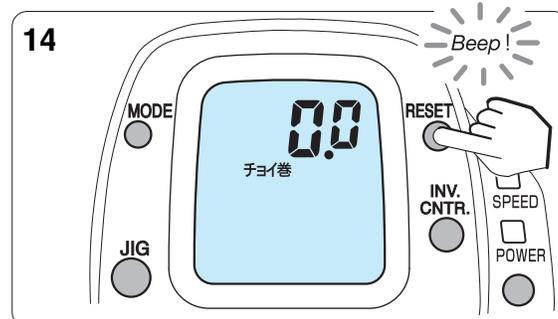
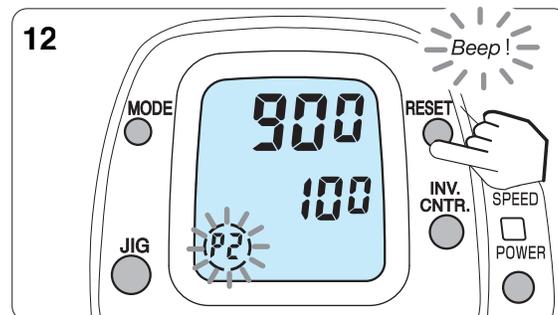
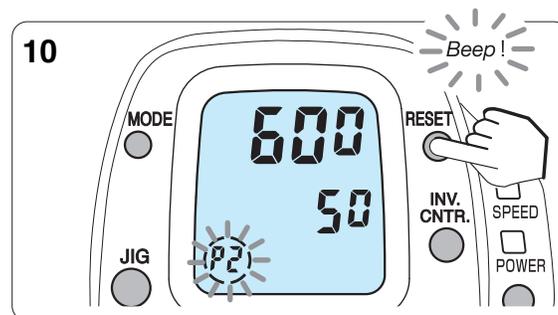
12. Press **RESET BUTTON** for 2 seconds.
The lower counter shows 100.

13. Wind the remaining 50m, keeping line tension at the suggested level. Do not wind line all the way onto the spool.

14. Press **RESET BUTTON** for 2 seconds and 0.0 will appear.
This is the end of the procedure.



1. Do not wind the end of the line onto the spool because it causes incorrect length calculation. Move the power lever to OFF position, and wind manually when nearing the end of the line.



Should "Err" appear on the display, then use the **MODE SET BUTTON** to re-enter the data.

Or see pages 15,16 Data Re-Entry

Line data input (Data Re-Entry)

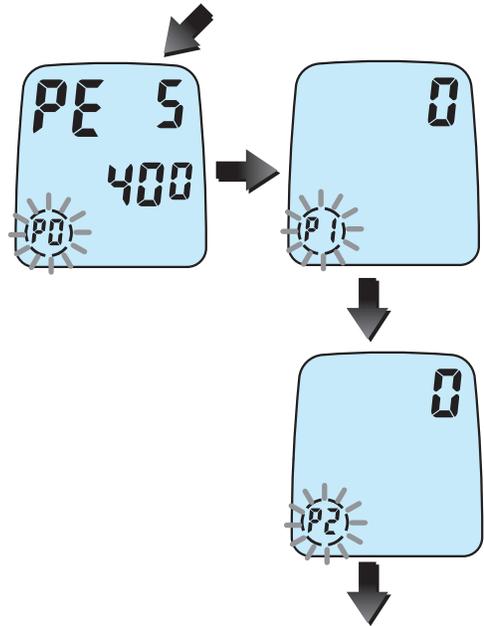
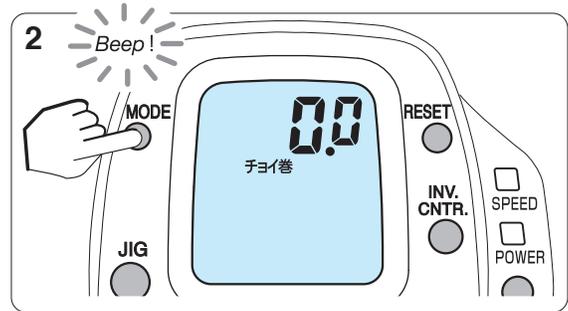
This method is applied to data re-input which is to be made after the main line is wound up. This method requires a main line of 100m or longer specific length.

1. Connect the battery to the reel.

2. Press the **MODE SET BUTTON** for 5 seconds, changing the mode to **P0**.

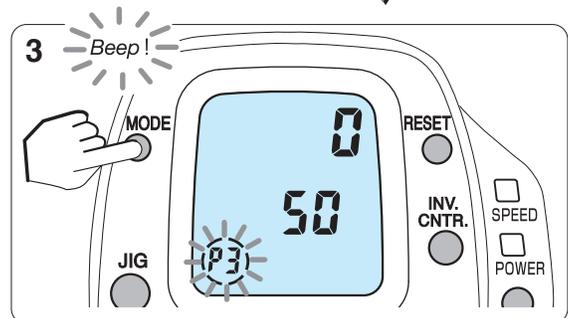
- Keep the button depressed even after the trolling display appears in two seconds.

- When the display panel shows anything other than **0.0**, entries cannot be made. Press the **RESET BUTTON** to reset the value to **0.0**.

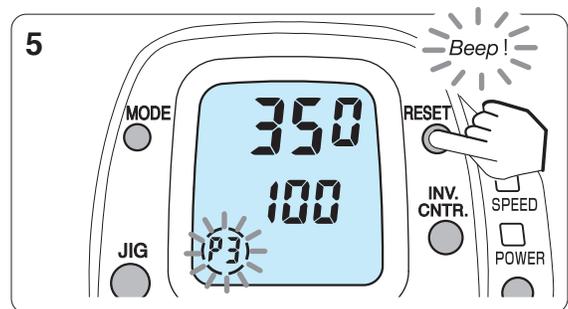


3. Press the **MODE BUTTON** three times to switch over to the Data Re-Entry display. This mode shows **P3** blinking on the low left of the display.

4. Paying attention to the line's color coding, pull 50m of line off of the spool.



5. Press the **RESET BUTTON** for 2 seconds. This will show the digits **100** in the lower area of the counter.

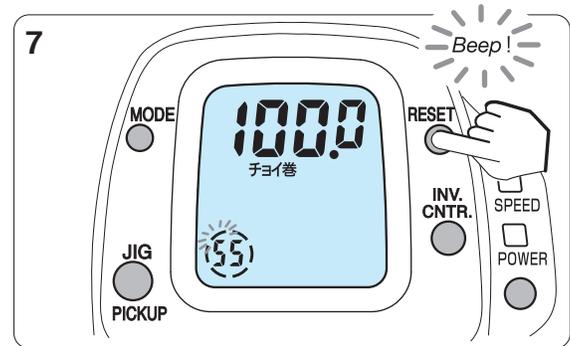


Line data input (Data Re-Entry)

7. Press the **RESET BUTTON** for 2 seconds to show **100.0** on the upper counter.

The chumming timer starts.

8. Wind up the 100m of line you pulled from the reel. This completes the procedure.



Attention

1. Do not wind the end of the line onto the spool because it causes incorrect length calculation. Move the power lever to OFF, and wind manually when nearing the end of the line.
2. There are cases in which the length of the line will not be displayed if it exceeds 100m when entered with this method.

Should "Err" appear on the display, then use the **MODE SET BUTTON** to re-enter the data.

Functional setting operation (1. Mode setting display)

How to set the many functions available

Many useful functions can be accessed with the mode button.

1. Press the **MODE BUTTON** to choose a display.

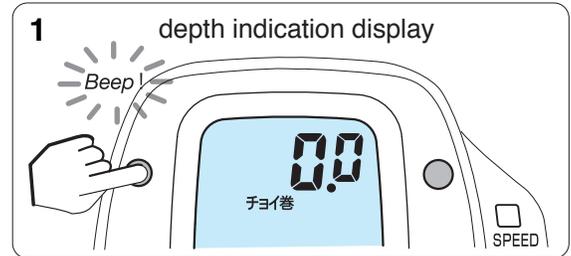
Each press of the **MODE BUTTON** changes the display to the next function.

Hold down the button for two seconds to indicate the proper function from an accidental one.

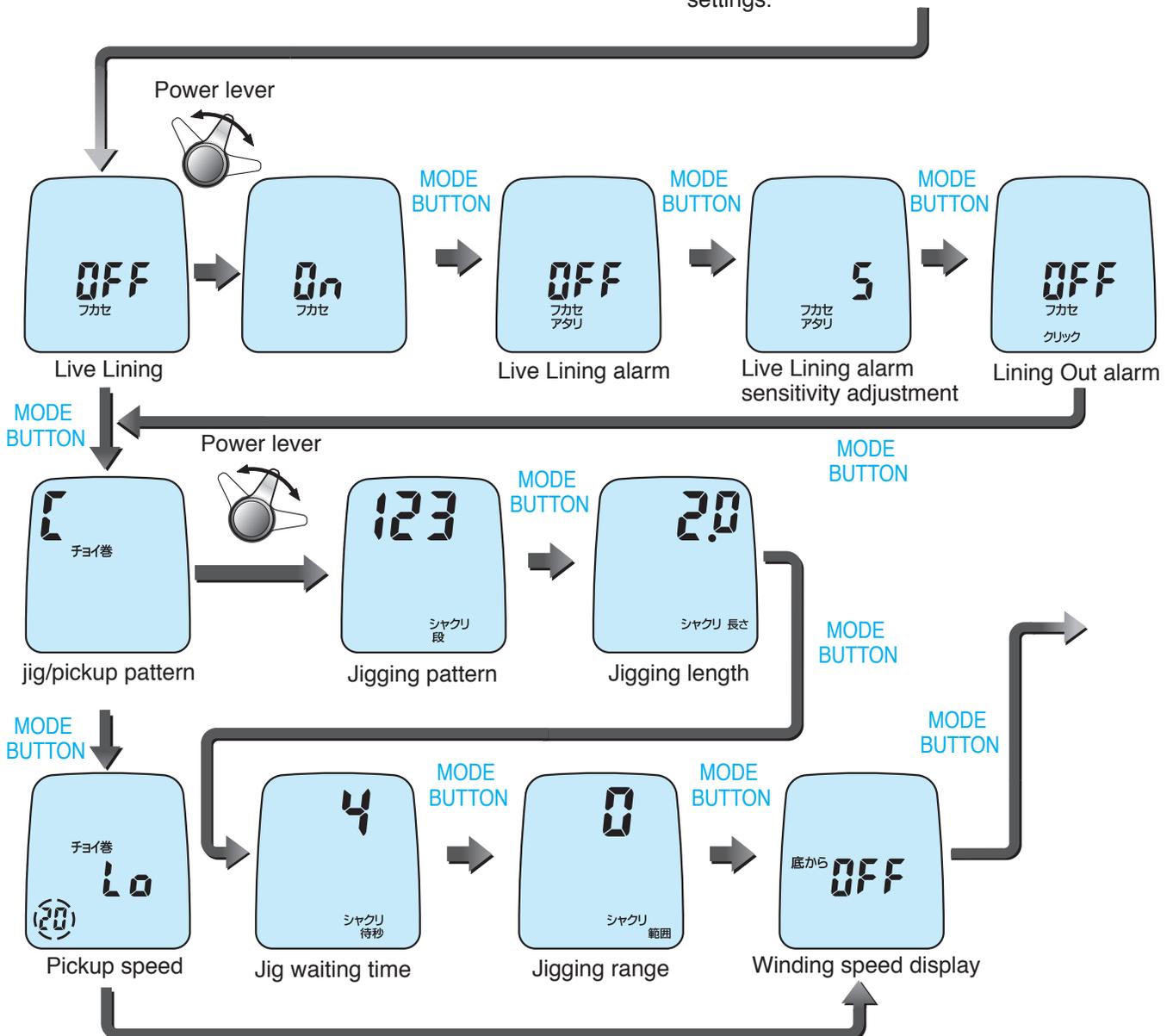
Holding the **MODE BUTTON** down, rapidly scrolls through the displays, quickly getting you back to the depth display.

At each mode setting display, the default setting can be retained by pressing the **RESET BUTTON**.

(Except turning ON and OFF of Live Lining mode)



While letting out or winding line, the **MODE BUTTON** cannot be used to change settings.

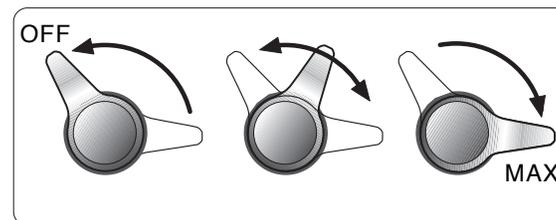
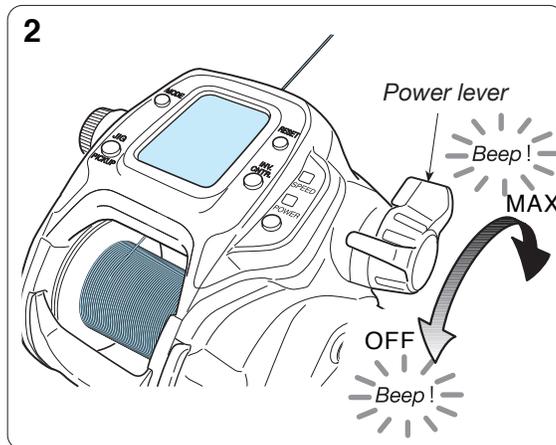


(Each display example is the default setting)

Functional setting operation (1. Mode setting display)

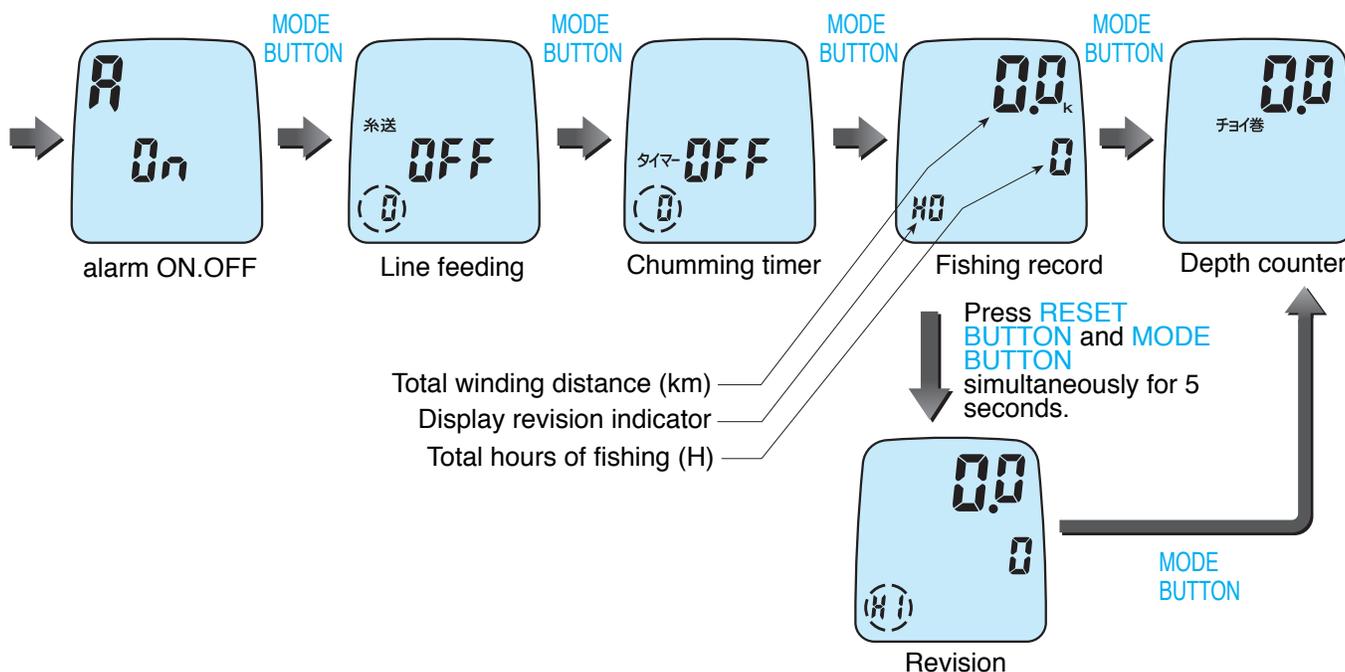
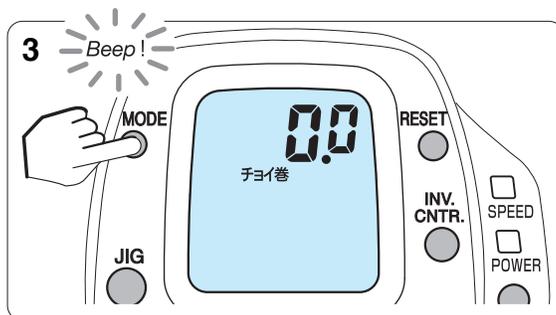
2. Use the power lever to set numerical values.

At its MAX position, numbers count upward rapidly. At the OFF position, numbers count downward rapidly. Around mid position, numbers change at a slower pace.



3. Press MODE BUTTON to complete the setting.

Pressing the mode button locks in the values you have set and moves on to the next display. Depress and hold the MODE BUTTON to rapidly scroll back to the depth counter screen. Pressing the RESET BUTTON at a setting display returns numbers to their default values (This resetting does not apply to the fishing record display.)



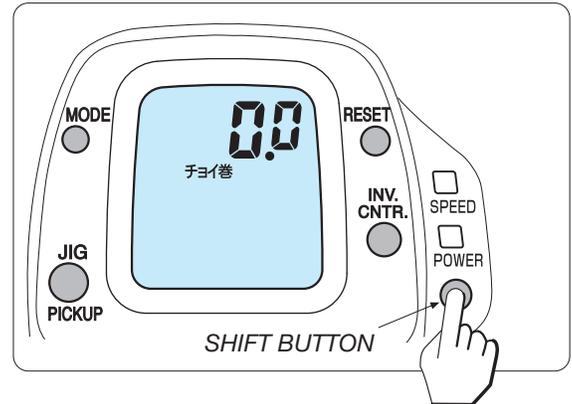
Functional setting operation (2. How to use the SHIFT BUTTON)

Pressing the SHIFT BUTTON enables you to change the electric reel winding mode between the Speed range mode and the Power range mode.



⚠ Attention

1. The motor stops temporarily at the moment of switchover between the Speed range mode and the Power range mode.
2. If a switchover is made between the Speed range mode and the Power range mode under no-load conditions, the handle will rotate.

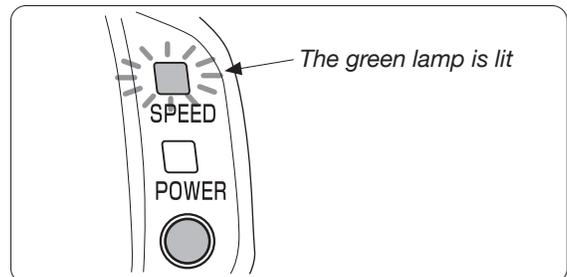


- If water depth is less than the auto stop depth, line is wound in the Power Range mode for your safety.
- Feeding line with the electric motor can be done only in the Power range mode. (Motor output does not change in the Speed range mode)

Speed range mode

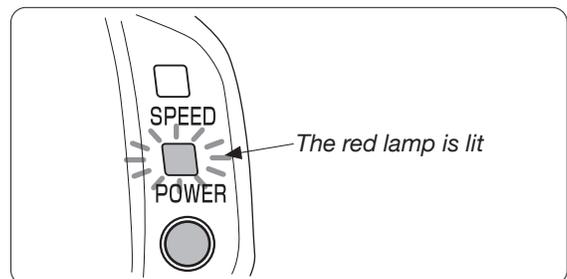
- Use this mode when you value speed more than power, for collecting your rig, etc.
- The green lamp is lit.
- The breaker will never trip during operation in the Speed range mode. However, if an overloaded state continues, the Speed range mode will automatically switch over to the Power range mode to lower the speed.

In this case, pressing the SHIFT BUTTON does not switch over the Power range mode to the Speed range mode.



Power range mode

- Use this mode from the beginning when you value power more than speed, for big-game fishing, midwater fishing, etc.
- The red lamp is lit.

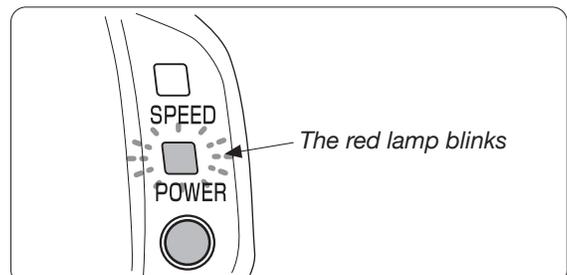


Operation during mode change

- If you press the shift button to change the range mode, the lamp of the mode you are shifting to will light up. The picture shows a case where the Speed range mode is switching over to the Power range mode.

The SHIFT BUTTON does not work while the lamp is blinking.

- To reduce shock caused by the switchover, the power output gradually changes until it reaches the level set by the power lever.

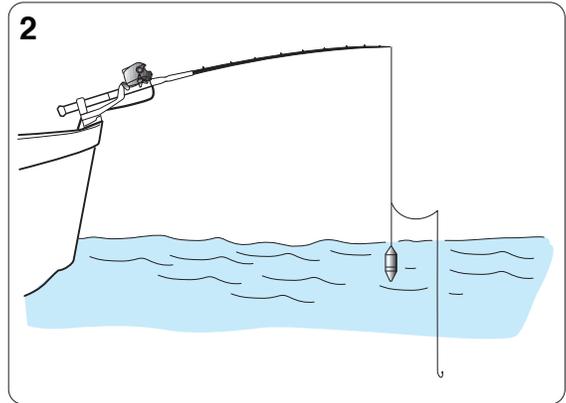


Functional setting operation (3. Before you begin fishing)

Surface depth setting

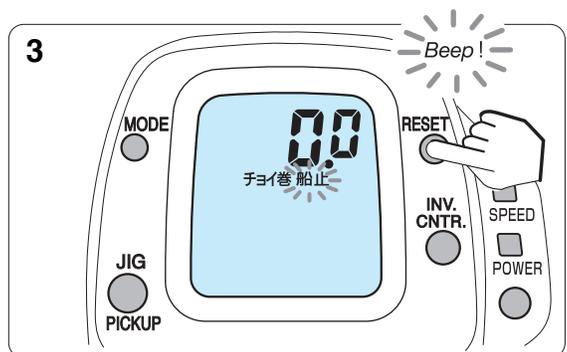
Before you begin fishing, make sure the counter is set to zero at the water's surface. This is extremely important to ensure accurate fishing depth readings.

1. Connect the reel to the battery, put the line through all the guides, and prepare your terminal rig.
2. Place the rod into the rod holder in the position it will normally rest while fishing.



3. Lower the terminal rig to the water's surface and press the **RESET BUTTON**. (water surface zero setting)

The display resets to 0.0 and 船台止 blinks.



⚠ Attention

1. When new line is wound up, or when line has been pulled under heavy tension, line stretch may cause a gap in the depth reading at the surface. Simply reset the surface setting with the **RESET BUTTON**.

When the main line is cut or broken off.....

- Should your line break, revise data as follows.
- Wind the line to the rod tip, and press the **RESET BUTTON** for 2 seconds. (At depths greater than 10 m, 2-second-pressing is employed accidental pressing of the button.) If the display shows 0.0 then your re-adjustment is complete and data has been revised.
- Unless you reset the data on the reel, it will not be able to count accurately.

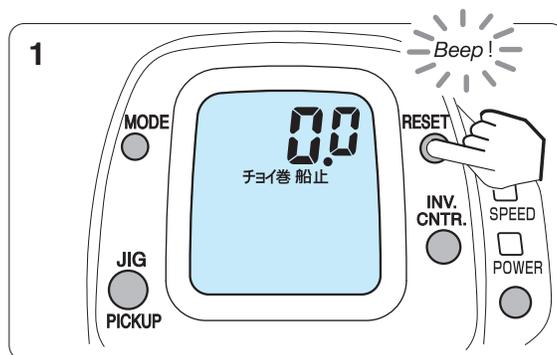
Functional setting operation (4. Auto stop function)

Auto stop setting

The Auto stop depth may be set to meet your own specific needs.

- Auto stop adjusts to operate at depths from 1 m to 5 m (in 10 cm increments).
- It prevents accidentally winding swivels, terminal rigs etc. into the rod tip and stops your rig at a consistent depth for convenient checking and changing of baits and sinkers.
- If water depth is less than the auto stop depth, line is wound in the Power Range mode for your safety.

1. Connect the reel to the battery, and press the **RESET BUTTON** with your terminal rig at the surface. The display shows **0.0**.

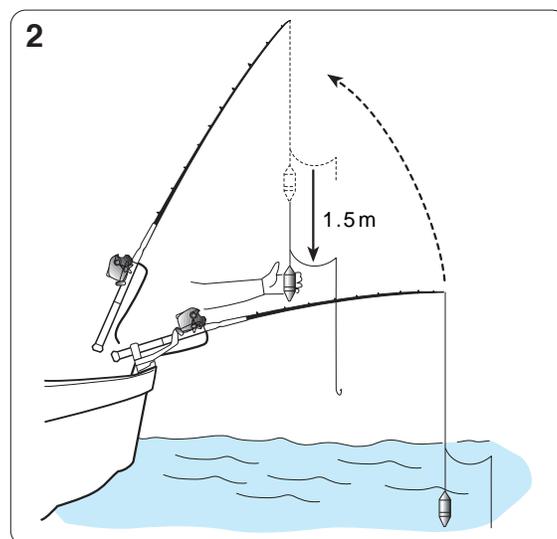


2. Raise the rod and adjust the line length from the rod tip so you can reach the rig easily. In the figure, its length is 1.5 m.

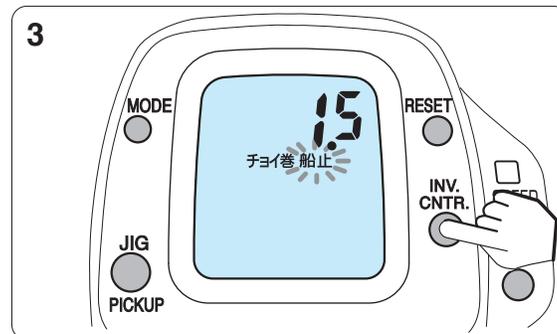


Checking and changing sinkers, baits etc.

Use



3. After adjusting length, press the **INVERSE COUNTER BUTTON** for 2 seconds. When blinks, this procedure is completed. Default setting is 2.0 m. (Without pressing the **RESET BUTTON** the winding stops at a depth of 5.0 m. The **船止** lamp will blink when the setup has been completed.



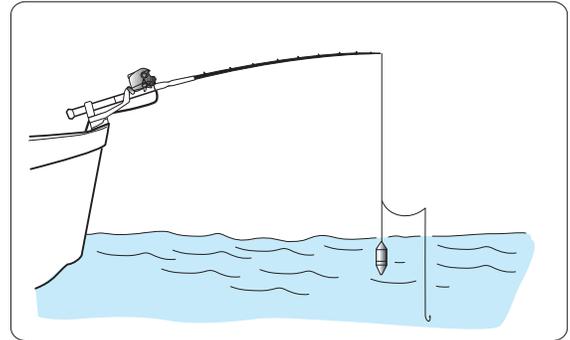
4. When checking or changing a bait, simply wait until the reel automatically stops winding and raise the rod tip.

Functional setting operation (4. Auto stop function)

Auto stop

Auto stop automatically brings your terminal rig to the surface, stopping consistently at your pre-set depth preference. It eliminates the need to constantly monitor depth as it comes up.

- The auto stop function assists when winding with the power lever, jigging, or winding with the chumming timer.
- After the rig is ready, reset the depth counter to zero by pressing the **RESET BUTTON**.
(water surface zero setting) (After this, 船止 appears on the display)
- Without pressing the **RESET BUTTON**, winding stops at a depth of 5 m.
- If you have pressed the **RESET BUTTON**, the alarm sounds at 2m increments above the depth of 8 m, and winding stops at 2 m.
- When auto stop depth is set, the alarm sounds every 2 m above the depth of 6 m, and winding stops at the set depth.
- After auto stop stops winding, the power lever can be used up to 0.0 m. However, above 0.0 m, motor winding such as, power lever, cannot be employed until the **RESET BUTTON** is pressed.
- Depending upon the rocking of the boat or sinker weight, auto stop depth can overrun slightly. Should this happen, increase the depth of the auto stop.
- Fishing line load may vary when working depths of 100m or more. This may cause the stop position to change, which may result in serious rod damage. Allow for greater margin when setting the AUTO STOP position when fishing deeper depths.



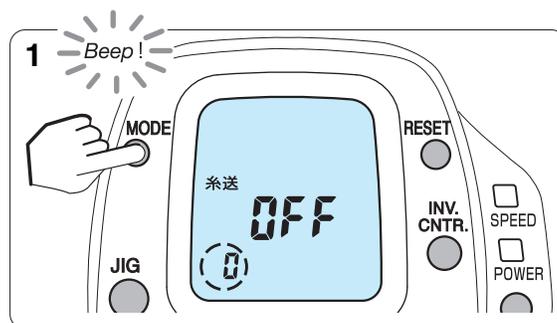
Functional setting operation (5. line feeding function)

Line feeding function

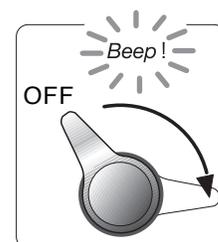
The line feeding function lets our line with the motor assisting the spool.

- The line feeding mechanism begins to work at a depth of 2.5 m below the pre-set auto stop depth.
- When Live Lining mode is ON, line feeding will not automatically start.
- Speed of the line going out is adjusted with 32 speed levels ranging between 0 and Hi. It is adjusted in the line feeding mode.

1. Press the **MODE BUTTON** to show the line feeding speed adjustment display. Default setting is zero (OFF). Set the speed level with the power lever.

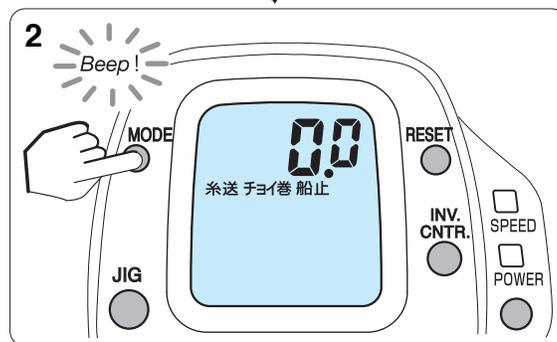


(adjustment of line furnishing)



(the figure corresponds to the case of setting to 5)

2. Press the **MODE BUTTON** three times to show 0.0 (depth counter) to complete. The 糸送 will blink.



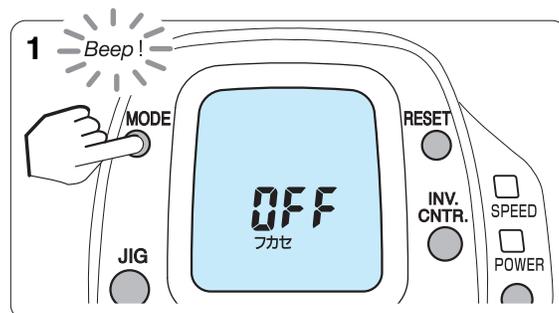
1. During line feeding operation, you cannot set useful functions by pressing the **MODE BUTTON**.
2. Motor assisted line feeding can only be done in the Power range mode. (Motor output does not change in the Speed range mode.)

Functional setting operation (6. Live lining mode)

Live lining mode setting

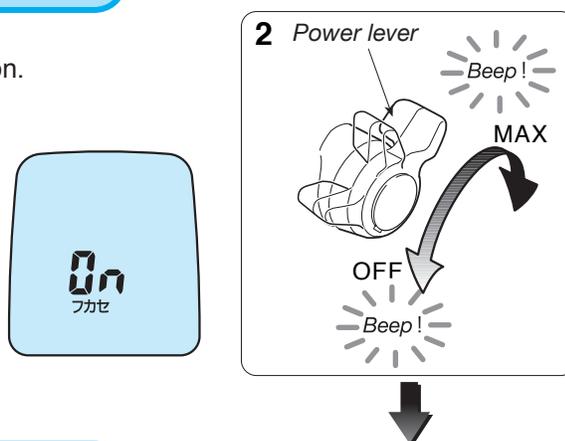
1. Press the **MODE BUTTON** to change the **フカセ** display.

- Press the **MODE BUTTON** and hold for two seconds to prevent operational mistakes.



Live lining

2. Use the power lever to activate the Live Line Function.

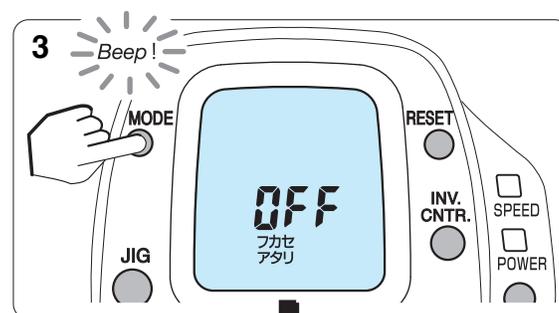


Live line Alarm

When the line spools out faster than the preset range, the Live Line Alarm will sound notifying you that you just had a strike. Even if you look away, you will not miss a strike.

3. Press the **MODE BUTTON** to move to the next display mode.

4. Turn it ON using the power lever.



Live line Alarm



- If the trolling bite alarm is set to ON, the depth of shelf which triggers the bite alarm is displayed on the Inverse counter and the hookup shelf memory is turned on at the same time. (Please see page 25.)

- When the Live line alarm is OFF, the alarm will not sound.

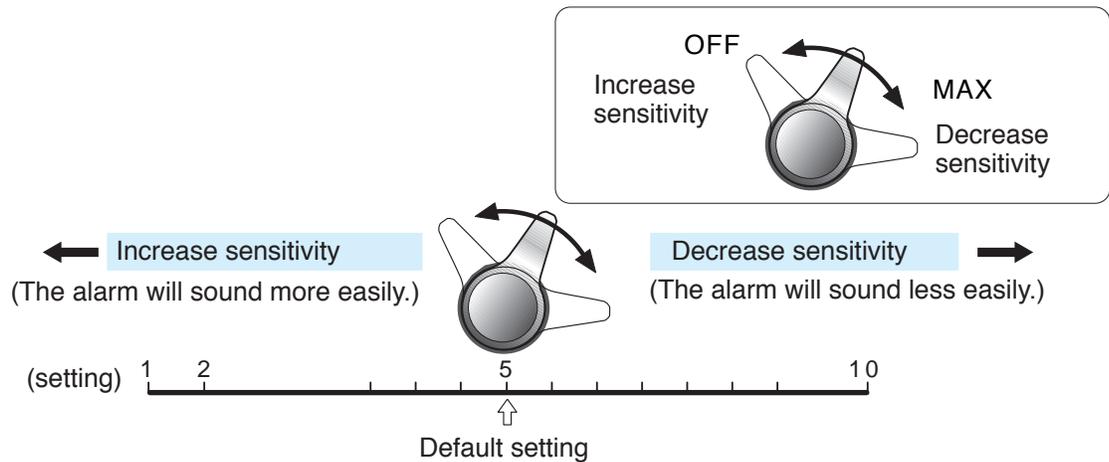
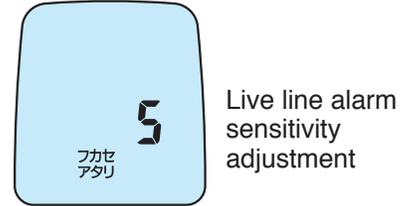


Functional setting operation (6. Live lining mode)

Live Line Alarm sensitivity adjustment

-An alarm sounds when the speed of the swimming or drifting bait accelerates, indicating a pickup.

5. Press the **MODE BUTTON** to move to the next display mode.
6. Turn it ON using the power lever.

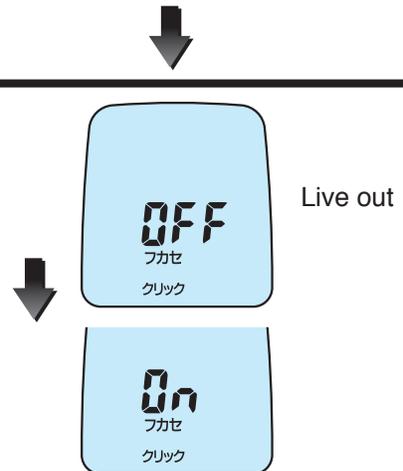


Can be properly adjusted to accommodate current/tidal speed as well as wave and swell size.
- The available setting range is 1 to 10.

Live out Alarm

-Signals movement of a bait swimming or drifting in current with a beep for every meter moved.

7. Press the **MODE BUTTON** to move to the next display mode.
8. Turn it ON using the power lever.

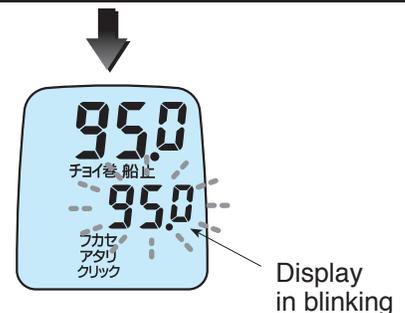


Strike Zone Memory

-Shows how much line was out when a hookup occurred and lets you drop a fresh bait back into the strike zone.

9. Press the **MODE BUTTON** to move to the next display mode.

- When **INVERSE COUNTER BUTTON** is pressed, the depth of stored strike zone will be calculated to one decimal place and then will be shown in the display.
- When the boat is at a place shallower than the shelf stored in the memory, memory update will not be carried out until Auto Stop of winding.
- If you have set the actual winding speed to be displayed (the inverse counter is on), the hookup shelf value disappears from the inverse counter while winding up. Winding speed is displayed instead. However, if you stop electric winding, the hookup shelf value will be displayed blinking.



(An example of strike zone memory)
(A case of alarm sounding at 95.0 m and winding for 5.0 m)

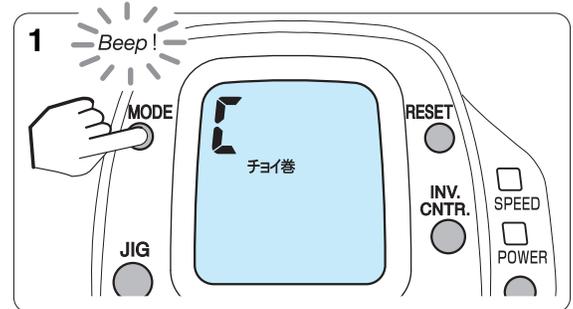
Functional setting operation (7. Pickup speed setting)

Pickup speed preference

1. Press **MODE BUTTON**.

If the display is at **シャクリ** display, then move the power lever or press **RESET BUTTON** to show the display shown on the right.

- Press the **MODE BUTTON** and hold for two seconds to prevent operational mistakes.

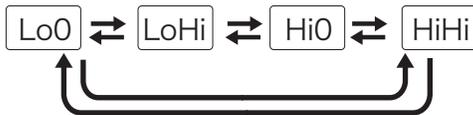


2. Press **MODE BUTTON** again.

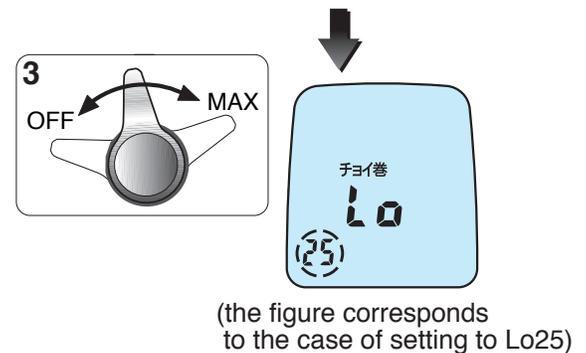
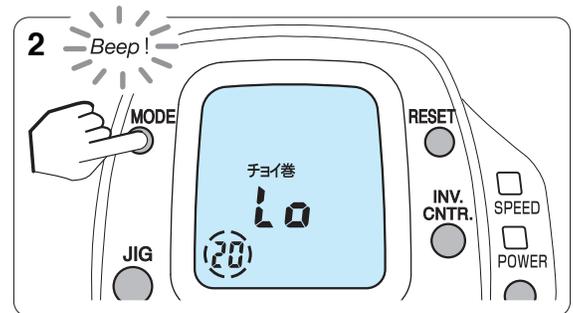
This display is the pickup setting display.

3. Set speed with the power lever.

You can set from 0 to Hi for the Speed (Hi) range mode and the Power (Lo) range mode.



When the power lever is turned in the MAX direction, the speed changes in the right arrow direction, and if turned in the OFF direction, it changes in the left arrow direction.

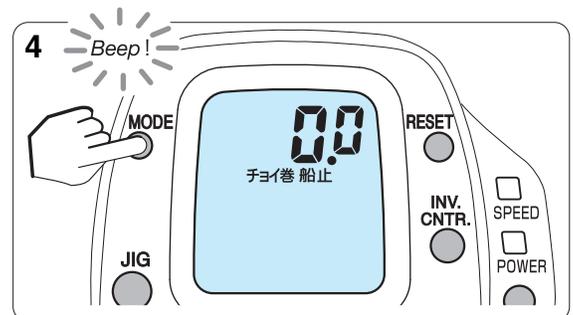


Use

When the power lever is in the MAX position, pressing the **PICKUP BUTTON** causes line to be wound at the preset Lo20 level. In this case, the red lamp remains lit until you release the **PICKUP BUTTON**.

4. Press the **MODE BUTTON** to go back to depth readout.

チヨイ巻 appears on the display.



Attention

1. While the **PICKUP BUTTON** is in use for winding, winding speed is not displayed.

Functional setting operation (8. Inverse counter)

Inverse counter

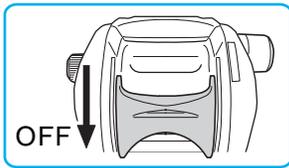
Two counters are better than one. This reel has counters from both the surface and from the bottom.

The default inverse counter setting is OFF. When line is wound using the power lever, the inverse counter display changes to the actual winding speed being measured.

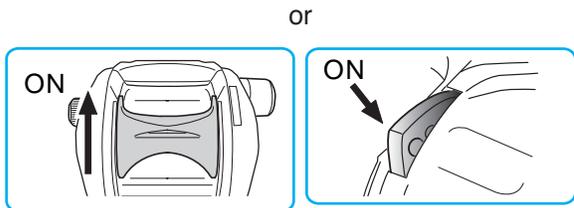
To clear the actual winding speed measured, press the **MODE BUTTON** and set the inverse mode to ON. (See page 31.)

In the following example, intended fishing range is 94 m, which is 6 m from the bottom.

1. Clutch OFF to send the rig to the bottom



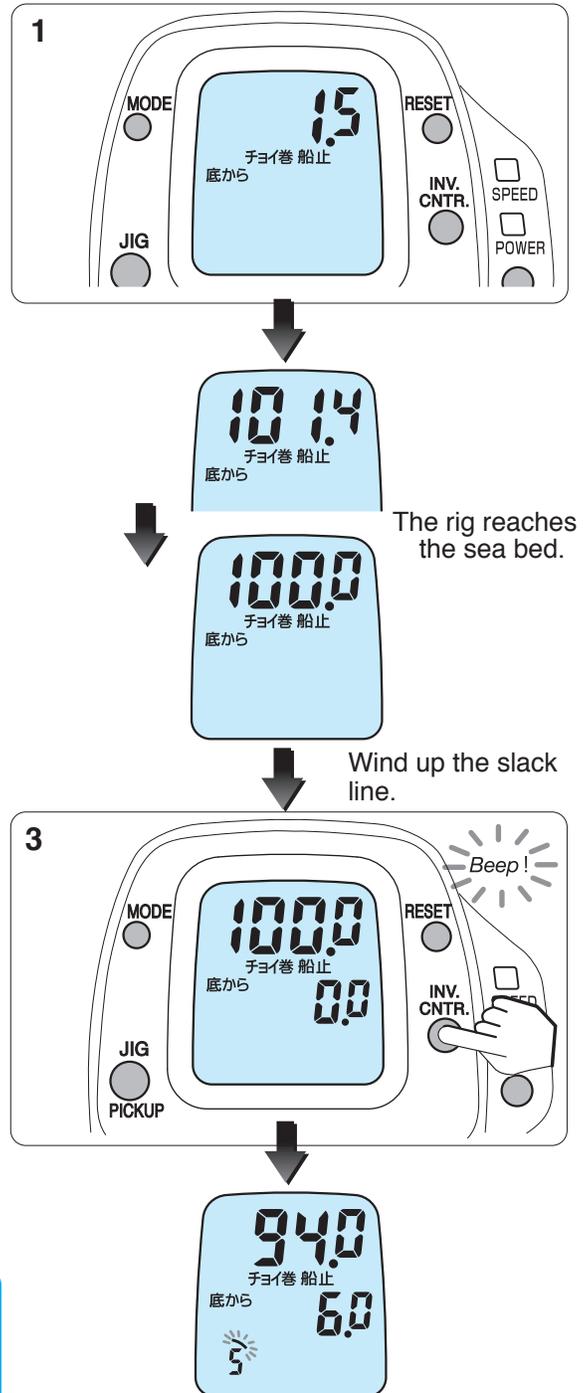
2. At the bottom, move the clutch to ON by turning the reel handle or flipping the clutch lever.



3. After winding up any slack line, press the **INVERSE COUNTER BUTTON** and wind up 6 m.

By pressing the **INVERSE COUNTER BUTTON**, the lower area counter is reset. Wind line until the intended depth is reached.

Once the **INVERSE COUNTER BUTTON** is pressed, the inverse counter can not be turned off.



Use

By pressing the **INVERSE COUNTER BUTTON**, the timer starts and keeps an accurate record of fishing time.

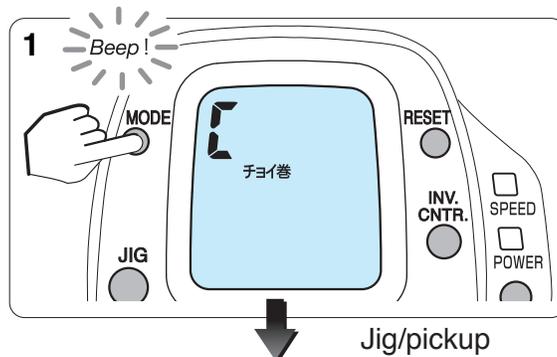
Functional setting operation (9. Jigging)

Jigging

Jigging is an extremely valuable function.
After setting your preferences, pressing the **JIG/PICKUP BUTTON** starts the function.
Speed of the jigging can be adjusted with the power lever.

1. Press the **MODE BUTTON** to show pickup / jigging display.

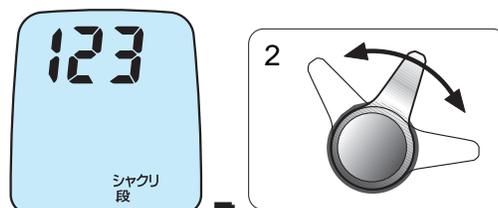
(When jigging is chosen, the pickup function cannot be used.)



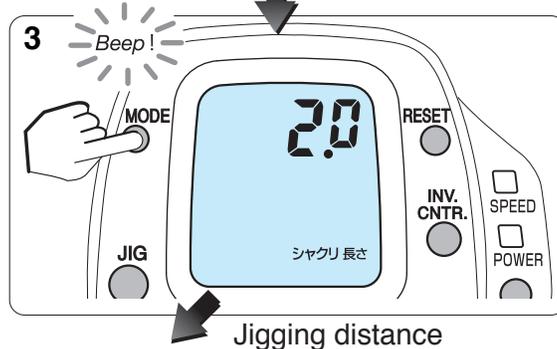
2. Jigging pattern is selected with the power lever.

There are four patterns; 123 (master), 1 step, 2 steps, 3 steps.

Jigging setting displays appear in the following order;
Pattern (step) > length (m) > waiting time (sec) > range (m)



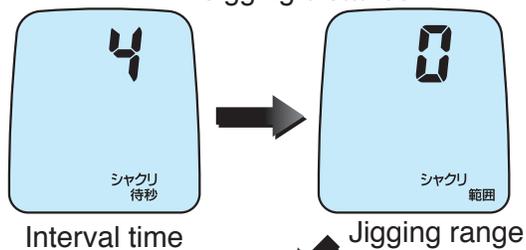
3. Press **MODE BUTTON** to show the next display. Pressing it also locks in the previous setting.



4. In the same manner, set length, waiting time and range.

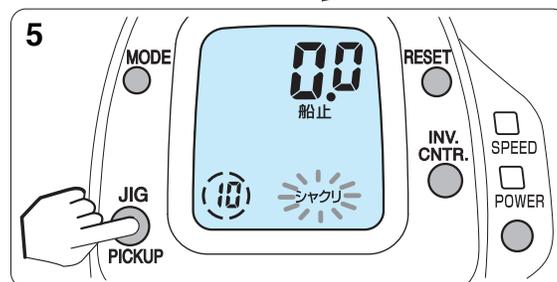
By pressing the **JIG/PICKUP BUTTON** during the jigging setting display, the display will show depth and begins jigging.

Pressing and holding the **MODE BUTTON** will quickly scroll you back to the depth counter display.



5. After pressing the **JIG/PICKUP BUTTON**, use the power lever to start jigging.

Jigging speed is controlled with the power lever.
As the jerking starts, **シャクリ** indicator blinks.
Pressing the **JIG/PICKUP BUTTON** again stops jigging.



Functional setting operation (9. Jigging)

Jigging master

You can choose the jigging pattern, range, waiting time and length you require.

- Pressing the **JIG/PICKUP BUTTON**, starts jigging, with the display showing the **シャクリ** indicator. (Pressing the button once more cease jigging.) The power lever controls jigging speed.
- Shifting of jigging speed is done easily with the lever control.
- When a fish strikes during jigging, it turns off providing the power lever is turned to the OFF position. After that, normal winding is done with the power lever.
- To show the jigging display, refer to page 28.

1. Jigging pattern

You can choose the number of steps you wish for your jigging pattern.



(Preference setting)

One-step jigging	Two-step jigging	Three-step jigging	Master jigging

Master jigging (123) is the method in which the number of jigging steps is selected automatically by the computer.

A : 4 seconds stop
B : 0.4 seconds stop

2. Jigging length

You can choose the length of the line wound up in one jig action. (Depending upon the sinker, speed of winding, the jigging length may overrun its setting slightly.)

The length can be set in increments of 50 cm between 0.5 and 10 m.



(Preference setting)

Functional setting operation (9. Jigging)

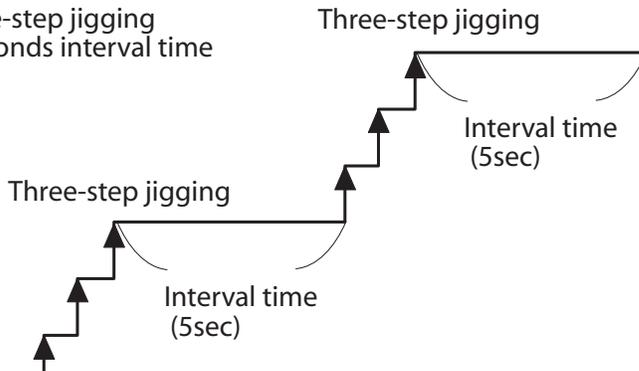
3. Waiting time

You can choose the waiting time between jigs. The interval time is set in seconds.



Example)

Three-step jigging
5 seconds interval time



(Preference setting)



- If jigging time is longer than the chumming timer setting, then the chumming timer setting takes priority and will wind up the line.

Attention

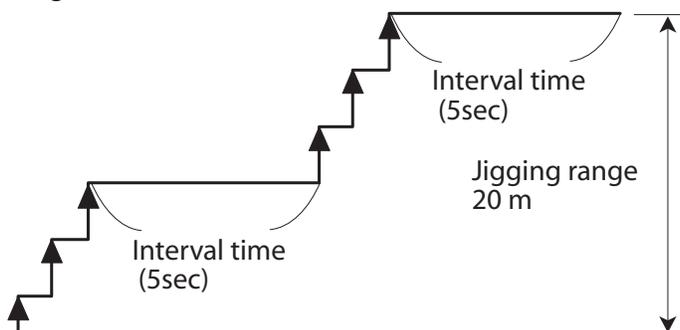
4. Jigging range

The depth range for jigging is set in 1 m increments. If the range is set to zero, then jigging continues right up to the auto stop depth.



Example)

Range is 20 m.



(Preference setting)

Functional setting operation (10. Winding speed indicator)

Winding speed display

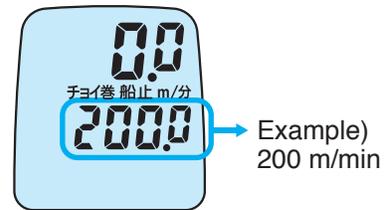
During power lever winding, the actual winding speed measured is displayed on the counter shown below. (Default)

- In this case, the power lever output is displayed for five seconds after its operation. (After that, the counter displays the remaining time.)

The chumming timer display area shows the remaining time until the auto stop is reached. (p. 32)

The inverse counter numbers can be changed to indicate winding speed.

- While using the **PICKUP BUTTON** for winding, winding speed is not displayed.
- Rate of speed indicated is meters per minute (m/min).
- To clear the measured actual winding speed, set the inverse mode to ON, as shown in the pictures below.

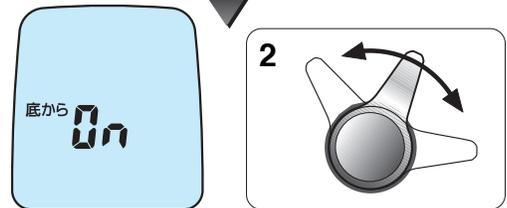
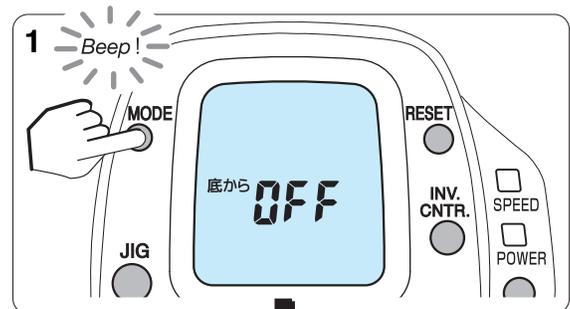


1. Press **MODE BUTTON** to show speed indicator display.

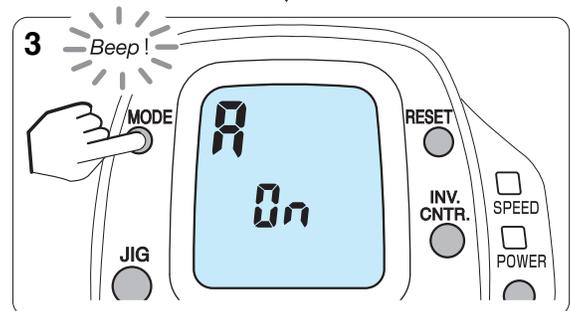
底から is shown on the screen.

In the default setting, the inverse counter is OFF.

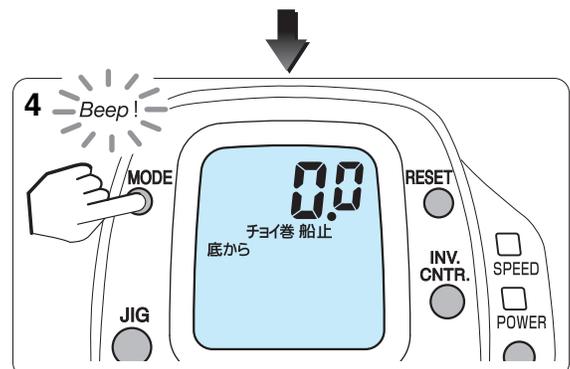
2. Turn it ON with the power lever.



3. Press the **MODE BUTTON** to display the next setting display.



4. Press the **MODE BUTTON** five times to return to the water depth screen. This displays **底から** and activates the inverse counter.



Functional setting operation (11. Remaining time to auto stop)

Displaying of the remaining time to auto stop

Two counters are better than one. This reel has counters from both the surface and from the bottom.

When the display is set to indicate the actual speed, the chumming timer display portion indicates the remaining time before it reaches the auto stop position. However, the display will go out about five seconds before reaching the auto stop position.

This function works if the remaining time is within 7 minutes. If the remaining time is more than 7 minutes, then the partial circle icon blinks.



Example)

To wind up from 50 m depth to the auto stop depth, it takes 29 seconds at the speed of 80 m / min.



(display example)

- Digits show seconds.
- Each partial circle stands for one minute.



Remaining time; 2 min 30 sec



Remaining time; 5 min 30 sec

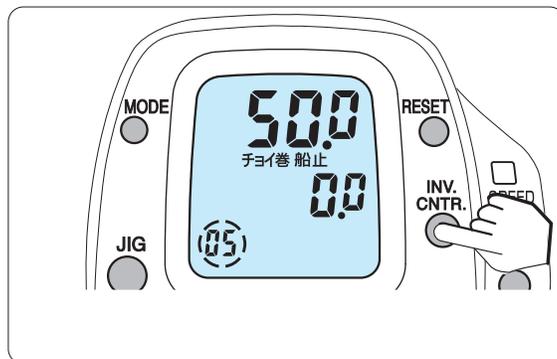
- If you would not like the display to show the remaining time before reaching the auto stop position at ship side, please set the depth counter mode ON.(see page 31)
- You cannot put out only the remaining time before reaching the auto stop position.

Functional setting operation (12. Chumming timer winding)

Chumming timer winding

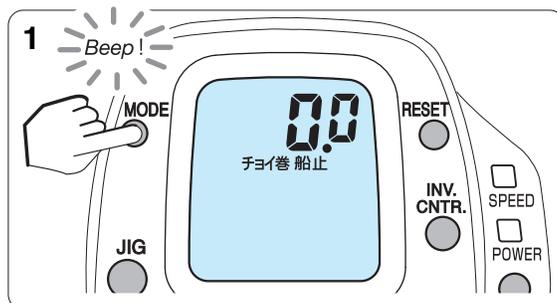
The right timing for the best results. After a pre-determined amount of time has passed, the reel starts winding automatically.

- After pre-set 5 minutes have passed, the reel automatically winds up.
- When the timer is set, the timer indicator **タイマー** is shown in the display. To stop using the timer, set its time to zero.
- Pre-set time can be confirmed by pressing the **INVERSE COUNTER BUTTON**.
- Winding of the chumming timer functions when the depth counter indicates between +20m and -20m. It will not function any more if once the indication of the depth counter goes out of this range.



1. Press **MODE BUTTON** until you come to the timer setting display.

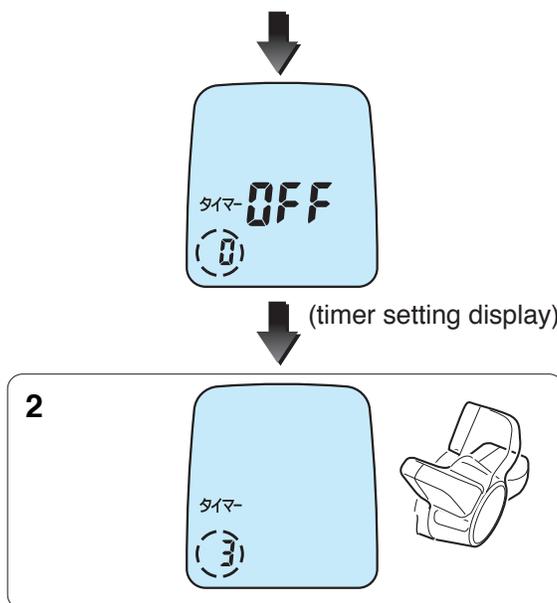
タイマー is on the screen. The default setting is zero minutes or **OFF**.



Use

The chumming timer helps ensure you check baits at even intervals, a real help when dropping multiple lines.

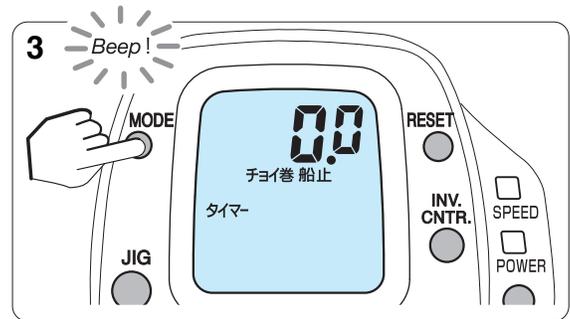
2. Use the power lever to set the number of minutes. (Shown is the timer set to 3 minutes.)



Functional setting operation (12. Chumming timer winding)

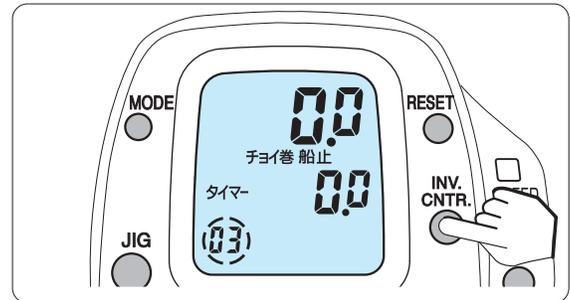
3. Press **MODE BUTTON** twice.

- When the display goes back to depth counter, then the procedure is completed.
- The **タイマー** indicator is seen on the display.
- The time set can be checked by pressing the **INVERSE COUNTER BUTTON**.
- Pressing and holding down the **MODE BUTTON** scrolls quickly back to the depth display.



4. When the set time is reached, the reel begins to wind at its maximum speed.

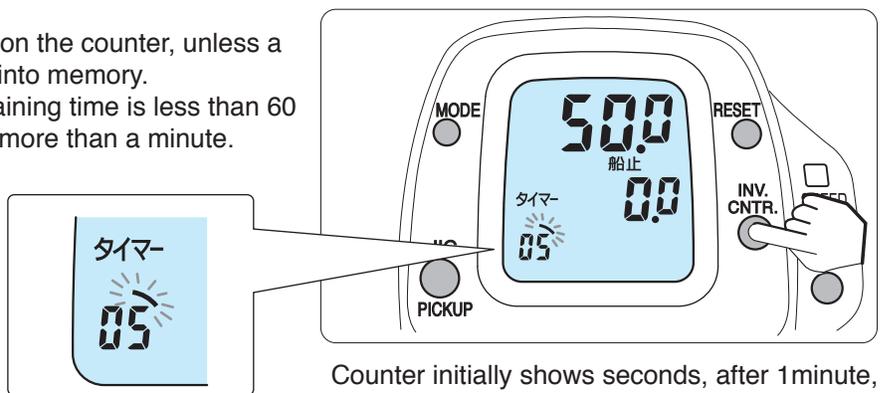
An audible alarm sounds.



Chumming timer

This function is useful timing

- This function displays the time passed after the presentation of your bait or lure. It can be used for chumming, jigging timing or reeling in your rig.
- The chumming timer starts from 7.0 m on the counter, unless a specific fishing range has been entered into memory. Display time is shown in seconds if remaining time is less than 60 seconds, in minutes if remaining time is more than a minute.



Counter initially shows seconds, after 1minute, indicates minutes.



1. Pressing the **INVERSE COUNTER BUTTON** while the timer is in operation re-starts the timer from **0.0**.

Functional setting operation (13. Display recalibration)

Display revision

You can recalibrate the counter should it not indicate an accurate depth compared to depth markings on your line.

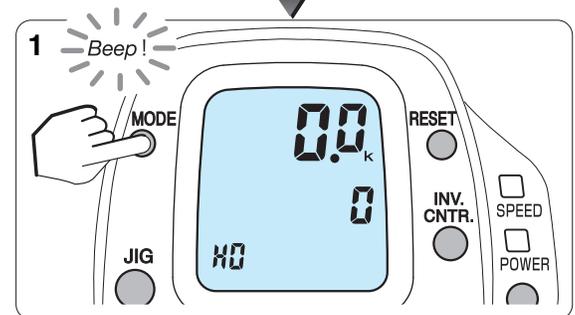
Example below is the case in which, though the counter shows 103 m, color markings on the line indicate 100 m.



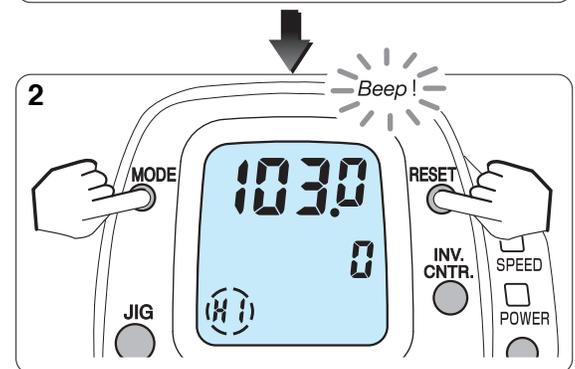
(Depth counter)

1. Press **MODE BUTTON** six times to show on the display real fishing time and total winding length.

- Press the **MODE BUTTON** and hold for two seconds to prevent operational mistakes.

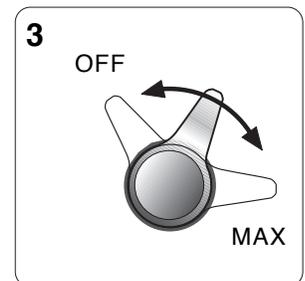
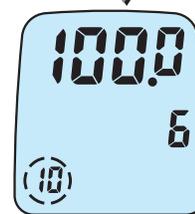


2. Press **MODE BUTTON** and **RESET BUTTON** at the same time for 2 seconds. This displays revision display.

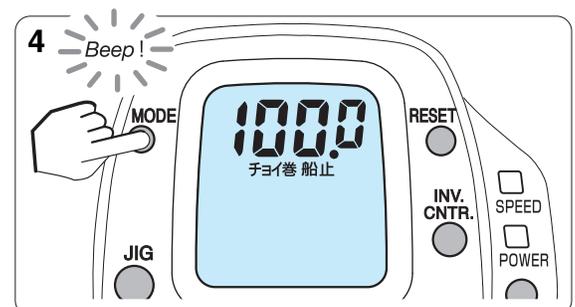


(Revision)

3. Move the power lever to change the display's reading to 100.0. (Occasionally, for the revision rate, the exact number cannot be attained.)



4. After 100.0 is reached, then press the **MODE BUTTON** to return to depth display. With this procedure, the inverse counter is reset. In the revised display, pressing of the **RESET BUTTON** changes the reading back to the unrevised value.



Functional setting operation (14. How to fix the Rod Clamp)

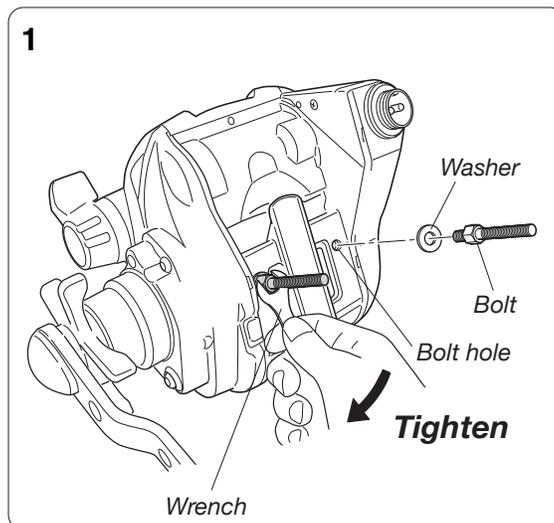
Use a rod clamp when using a metal butt or for any heavy-load fishing.
(A rod clamp of 22 to 29mm in diameter can be attached.)

Sold Separately

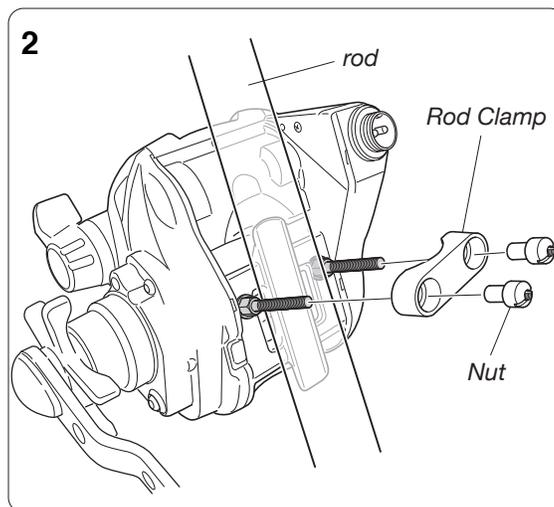


To order a rod clamp, contact the dealer from whom you purchased this reel.

1. Insert a washer between the frame and the bolt, and tighten the bolt to secure it.



2. Place the reel on the rod. Apply the rod clamp to the opposite side of the rod. Tighten the nuts with a coin, etc. to secure the rod.



Useful functions

Various alarms

Many kinds of information are indicated by audible alarms.

Power lever alarm

- Placing the Power lever at MAX or OFF positions evokes an alarm.



Auto stop alarm

- While winding up, starting 6 m below the auto stop depth, an alarm beeps at two meter intervals. Upon reaching the auto stop depth, a long alarm sounds.

Range memory alert

- While lowering your rig back into the strike zone, starting 6 m above the memorized strike depth, an alarm sounds at two m intervals with a long alarm sounding once the target depth is reached. (This range memory alarm does not sound unless line has been wound more than 6 m above the memorized depth.)

Switch alarm

- Each time a button is pressed, a confirming beep is sounded.
- Pressing any switch activates the alarm. (The Switch alarm can be set to ON or OFF.)

Excessive voltage alarm

- Should you attach a power source with a voltage higher than the acceptable level, a continuous alarm will sound. DO NOT operate the reel. Disconnect the power source. Connect a power source with the proper voltage.

Timer alarm

- Chumming timer winding is indicated by an alarm.

- Live Line alarm

- The alarm will sound when the line spools out quicker than the preset range when the clutch is OFF and when line is being spooled out with drag while the clutch is ON.

- Live Out alarm

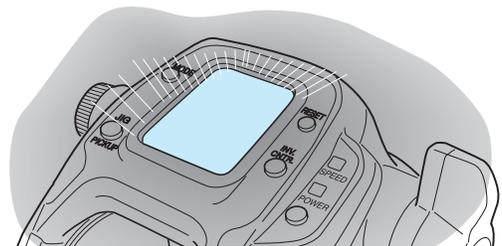
- The alarm beeps every 1 m to audibly detect the line feed.

Display light

Backlighting of the display provides easy reading for early morning or night fishing.

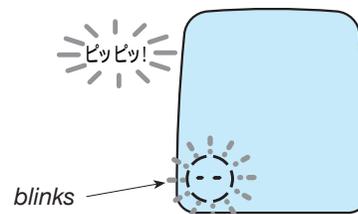
Backlighting of the display provides easy reading for early morning or night fishing.

- As long as the reel is connected to a power source, the display backlight is on.



Breaker display

- For safety, an excessively heavy load on the reel will activate the circuit breaker system and stop automatic winding. While this system is working, the display appears as shown on the right.



Reel Specification

Reel Specification list

Product name	SEABORG 500MT		
Product code	40801372		
Gear ratio(manual winding)	3.9 : 1		
Weight (g/oz)	805 g / 28.4 oz		
Max Drag power (kg/lb)	15kg/33.1lb		
Line Capacity (m)	DAIWA BRAIDED	MONO	BRAIDED
	PE4(55lb)-500m-(540yds)	25lb-230m-(250yds)	50lb-350m-(390yds)
	PE5(70lb)-400m-(430yds)	30lb-190m-(210yds)	60lb-300m-(330yds)
	PE6(80lb)-300m-(330yds)	40lb-140m-(150yds)	80lb-220m-(240yds)
PE8(100lb)-240m-(260yds)	—————	—————	
Number of Ball bearings	25		
Range of acceptable voltage	DC 12 V – 16.8 V		
Max winding speed (no load) Speed (Hi) / Power (Lo)	230/95 m / min		
Normal winding speed (with 1kg load) Speed (Hi) / Power (Lo)	165/70 m / min		
Normal max winding speed (1.5kg load)	Approximately 110 m / min		
Instant max winding power	50 kgf		
Electric current (Amps)	No load	3	
	stall	9	
	Max	15	
Speed shifting	No load	0 – 230 m / min (continuous shifting)	
Best battery size	Light use Super Lithium 8000 *Available in north America only. Heavy use 20Ah marine battery.		

- Hi speed (no load) = power voltage 12 V, maximum speed of winding at spool fully wound.
- Normal max winding speed = 1.5kg load, the average speed of 100 m winding.
- Instant max winding power = power voltage 12 V, smallest radius of spool.

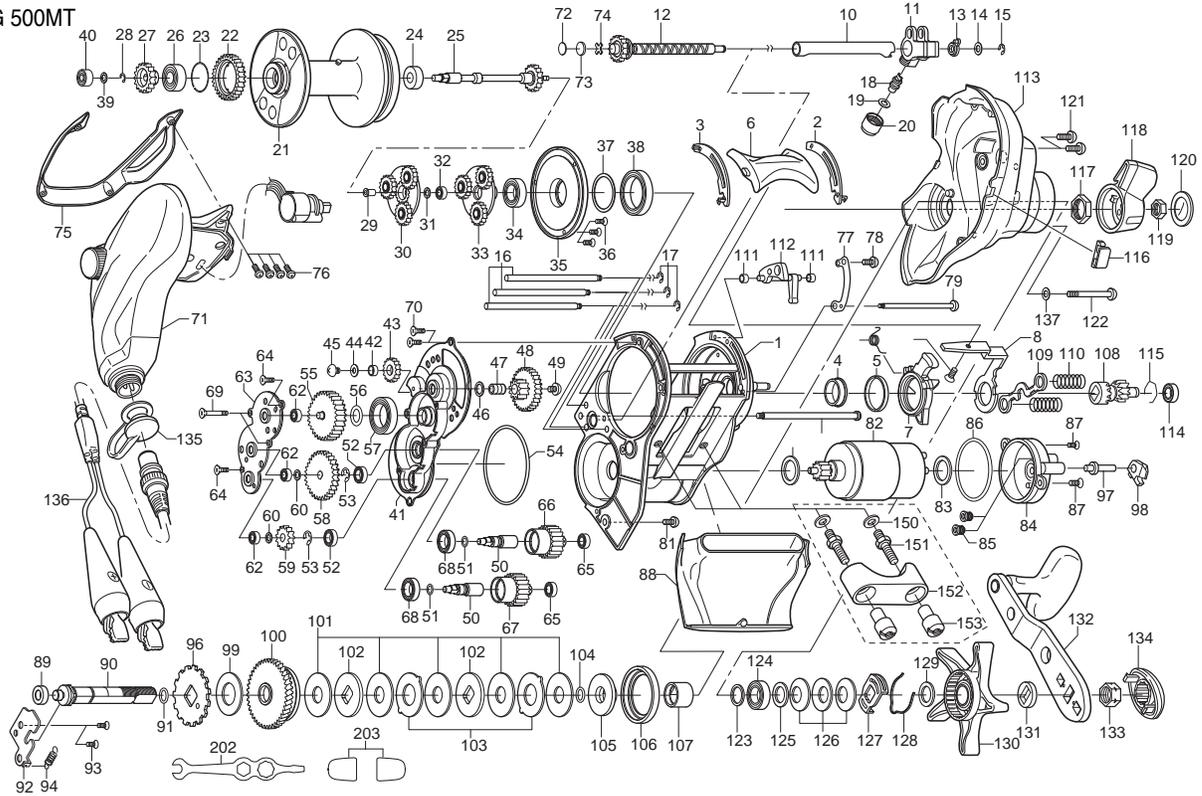
Counter display

Depth display range	Upper counter; 0.0 – 999.9 m Lower counter : -99.9 – 999.9 m
Usable temp. range	-10 to +60 (degrees centigrade)

Specifications may be changed without prior notice for the purpose of improvement.

Parts List

SEABORG 500MT



SEABORG 500MT Parts surrounded with dashed lines and No.202 are for separate sale (not included in accessories).

No.	Parts No.	Parts Name	No.	Parts No.	Parts Name	No.	Parts No.	Parts Name
1	6G733001	FRAME	50	6G730701	MOTOR GEAR SHAFT	99	6F826702	DRIVE SHAFT WASHER
2	6G733501	SPACER(R)	51	6G673501	MOTOR GEAR SHAFT O RING	100	6G734901	DRIVE GEAR
3	6G733601	SPACER(L)	52	6F055601	IDLE GEAR BALL BEARING	101	6G735001	EARED WASHER
4	6G733701	PINION GEAR BUSHING	53	63201402	MOTOR GEAR SHAFT RET	102	6B360307	DRAG DISC WASHER
5	6G202701	CLUTCH CAM BUSHING	54	6G896901	MOTOR O RING	103	63723837	DRAG LIP WASHER
6	6G733801	CLUTCH CAM LEVER(A)	55	6G730801	IDLE GEAR(C)	104	6F657801	DRAG O RING
7	6G733901	CLUTCH CAM	56	6G339401	IDLE GEAR(C) O RING	105	6G735501	DRAG COLLAR(A)
8	6G734001	CLUTCH CAM PLATE	57	6G055101	IDLE GEAR(C) BALL BEARING (A)	106	6F817001	DRAG COLLAR SHIELD
9	6F211103	CLUTCH CAM PLATE SCREW	58	6G731301	IDLE GEAR(D)	107	6G290901	DRAG COLLAR(B)
10	6G072101	WORM SHIELD	59	6G731401	IDLE GEAR(E)	108	6G735101	PINION GEAR
11	6G734101	LEVELWIND	60	63754102	IDLE GEAR WASHER	109	6G735201	CLUTCH PLATE
12	6G815201	WORM SHAFT	60	63754100	IDLE GEAR(E) WASHER	110	6F304701	CLUTCH PLATE SPRING
13	6F859101	WORM SHAFT BUSHING	62	6G281605	IDLE GEAR(C) BALL BEARING (B)	111	6G711001	CLUTCH CAM LEVER(B) COLLAR
14	6F774603	WORM SHAFT WASHER	63	6G731501	SET PLATE (B)	112	6G735801	CLUTCH CAM LEVER(B)
15	6B864101	WORM SHAFT RET	64	6E134508	SET PLATE (B) SCREW	113	6G735301	R/S PLATE
16	6G072701	WORM SHAFT	65	6F283101	MOTOR GEAR BALL BEARING	114	6G430901	PINION GEAR BALL BEARING
17	6B864101	WORM SHAFT RET	66	6G731001	MOTOR GEAR (HI)	115	6E219701	PINION GEAR BALL BEARING RING
18	6G072801	LEVELWIND PAWL	67	6G731002	MOTOR GEAR (LOW)	116	6E286003	LINE HOLDER
19	6F774600	LEVELWIND WASHER	68	6G522702	MOTOR GEAR SHAFT BALL BEARING	117	6G139601	POWER LEVER NUT(A)
20	6F682802	LEVELWIND NUT	69	6G752401	SET PLATE SCREW (B)	118	6F862301	POWER LEVER
21	6G731601	SPOOL	70	6E134508	SET PLATE SCREW (A)	119	63424004	POWER LEVER NUT(B)
22	6G074501	SPOOL GEAR	71	6H041501	IC MODULE L/S PLATE SET	120	6F862801	POWER LEVER COVER
23	6G074601	SPOOL GEAR RING	72	63749102	MECHANICAL BRAKE WASHER (A)	121	6G752601	R/S PLATE SCREW(A)
24	6G008001	SPOOL SHAFT BEARING	73	6F853501	MECHANICAL BRAKE WASHER (B)	122	6G752701	R/S PLATE SCREW(B)
25	6G731901	SPOOL SHAFT	74	6F853602	MECHANICAL BRAKE WASHER (C)	123	6F366804	HANDLE BALL BEARING WASHER(A)
26	6G431201	SPOOL BALL BEARING (A)	75	6G735701	IC MODULE COVER	124	6G523401	HANDLE BALL BEARING
27	6G732201	SPOOL SHAFT GEAR	76	6E004301	IC MODULE COVER SCREW	125	63737813	HANDLE BALL BEARING WASHER(B)
28	6F550501	SPOOL SHAFT GEAR RET	77	6G752501	CLUTCH CAM HOLD PLATE	126	6F673601	DRAG SPRING WASHER
29	6G637801	MOTOR GEAR(A) BEARING	78	6B557801	CLUTCH CAM HOLD PLATE SCREW	127	6F862901	DRAG HOLDER
30	6G732301	MOTOR GEAR(B)	79	6G078103	FRAME SCREW (A)	128	6B747702	DRAG HOLDER LEAF SPRING
31	63754100	MOTOR GEAR(B) BALL BEARING WASHER	80	6G078001	FRAME SCREW (B)	129	63737810	STAR DRAG WASHER
32	6G281602	MOTOR GEAR(B) BALL BEARING	81	6E134505	FRAME SCREW (C)	130	6F863007	STAR DRAG
33	6G732701	MOTOR GEAR(B)	82	6G734301	MOTOR	131	6F863202	HANDLE COLLAR
34	6G427201	SPOOL PLATE BALL BEARING (A)	83	6G073001	MOTOR WASHER	132	6G678101	HANDLE
35	6G732901	SPOOL PLATE	84	6G734601	MOTOR HOLDER	133	6B862102	HANDLE NUT
36	6G297002	SPOOL PLATE SCREW	85	6G173401	CORD COVER	134	6F471207	HANDLE CAP
37	6F682600	SPOOL PLATE BEARING (B) WASHER	86	6F273301	MOTOR HOLDER O RING	135	6F661002	CONNECTOR CAP
38	6E292702	SPOOL PLATE BALL BEARING (B)	87	6E134508	MOTOR HOLDER SCREW	136	6F598405	ELECTRIC POWER CORD
39	63754100	SPOOL SHAFT GEAR WASHER	88	6G734701	FINGER GUARD	137	6B536103	R/S PLATE SCREW(B) WASHER
40	6E088005	SPOOL SHAFT BALL BEARING	89	6E351501	DRIVE SHAFT BUSHING	150	63751505	CLAMP SCREW WASHER
41	6G730401	SET PLATE(A)	90	6G734801	DRIVE SHAFT	151	6G848201	CLAMP SCREW
42	6F542601	IDLE GEAR(A) COLLAR	91	6F657801	DRIVE SHAFT O RING	152	6G356401	CLAMP PLATE
43	6G076701	IDLE GEAR(A)	92	6G751001	DRIVE SHAFT PLATE	153	6F187701	CLAMP PLATE NUT
44	6B554301	IDLE GEAR(A) WASHER	93	6F211102	DRIVE SHAFT PLATE SCREW	200	6Y467001	OWNER'S MANUAL
45	63538301	IDLE GEAR(A) SCREW	94	6F962801	KICK LEVER SPRING	201	6X148901	REEL GUARD OIL
46	6E096504	IDLE GEAR(B) WASHER	95	6G526801	CLUTCH CAM SPRING	202	6G626201	SCREW DRIVER
47	6G076501	IDLE GEAR(B) COLLAR	96	6F826301	RATCHET	203	6G238201	REEL SHEET PROTECTOR
48	6G076601	IDLE GEAR(B)	97	6G831701	ANTI-REVERSE PAWL HOLDER			
49	63538301	IDLE GEAR(B) SCREW	98	6F938801	ANTI-REVERSE PAWL			

There may sometimes be a difference between the purchased reel and the Dismantled Parts Chart or the parts list above due to the adjustment process etc. We appreciate your understanding.

Trouble shooting

Symptom	Possible causes	To do	Ref. page
Motor does not respond to the power lever	The counter displays 0.0 m.	It is a normal function to avoid over winding. Press RESET BUTTON to continue winding.	23
	Did not pull the lever to OFF position.	Pull the lever to OFF and then move forward again to start winding.	9
	Unstable power source	Use another power source, such as electric reel specific batteries.	2
Counter display does not appear.	Battery charge is low.	Recharge the battery.	2
	Cord worn or corroded	Replace the cord.	5
	Incorrect battery connection	Connect correctly.	2
Inverse counter does not appear	Did not press JIG/PICKUP BUTTON	It is normal. Press INVERSE COUNTER BUTTON .	27
	Inverse counter is OFF (default setting)	Using MODE BUTTON , change the setting of this function.	27,31
Jigging function does not respond	Power lever is at OFF	Push the lever forward.	28,29
	Pickup mode is selected	With MODE BUTTON , select the jigging mode	28,29
The reel jigs on its own.	Low power voltage	Replace with a recharged battery.	2
Auto stop function does not work	Did not press RESET BUTTON at surface	Press RESET BUTTON to reset depth to zero with rig at the surface.	20
	Error for sinker weight or rocking of the boat	Adjust settings of auto stop function.	21,22
	Line is elongated.	Reset the depth counter at the surface.	20
There are counter errors.	Line length has increased due to stretching.	<ul style="list-style-type: none"> - Reset the counter. - Revise the display. - Re-enter line data. 	20 35 10-16
Pickup does not respond.	Speed setting is at zero	Press MODE BUTTON to select winding speed setting.	26

Contact your dealer if the reel does not function properly despite the above details being confirmed, in the event of other problems arising, and to order parts.

Reference/Référence

COMPANY NAME	DAIWA CORPORATION
ADDRESS	12851 MIDWAY PLACE CERRITOS CA 90703 U.S.A
TEL NO.	(562)-802-9589

LIMITED WARRANTY TERMS

WARRANTY WILL EXPIRE WHEN ONE OF THE FOLLOWING HAS BEEN SURPASSED.

*ONE YEAR FROM DATE OF ORIGINAL PURCHASE.

*200 TOTAL HOURS OF USE.

GARANTIE

LA GARANTIE EXPIRE LORSQUE L'ON ATTEINT

*SOIT 1 AN APRES L'ACHAT

*SOIT 200 H D'UTILISATION