ReelSchematic

SEABORG 800MJ (A)

Instruction Manual

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List of options for line data input

This reel can be configured and set-up using the following options.

P1 Line input 17-19
This option allows you to set useful functions when you know the length of the fishing line to be wound on the reel.

P2 Backing line input 20-23
This option allows you to set functions to insert a backing line. Note that it is necessary that you know the line length and that it is greater than 100 m.

P3 Line re-input 24-26
This option allows you to re-enter the line data, pulling out the line after it has been completely wound up onto the reel. Note that it is necessary that you know the line length and that it is greater than 100 m.

Thank you for purchasing a SEABORG 800MJ. Please read this operation manual carefully and use the product safely and correctly to take full advantage of this electric reel with many convenient features for your on-board fishing. Please keep this operation manual carefully together with your reel for your future reference.

Caution

This document contains important instructions for using your electric reel. Please be sure to read them thoroughly before use.Note that we will not warrant for any use of the product without reading the Instruction Manual and the “Warning List” supplied with the product before use.

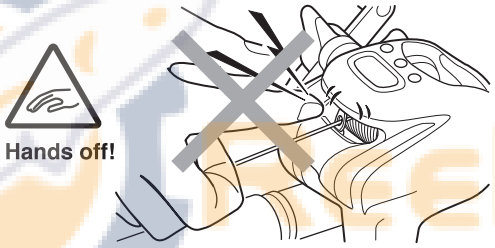
About the signs

⃠	This sign means "prohibited actions." Within the area or near this sign, specific prohibited actions are described.
△	This sign means "actions that require caution." Within the area or near this sign, specific actions that require caution are described.
○	This sign means "mandatory actions." Within the area of this sign, specific mandatory actions are described.

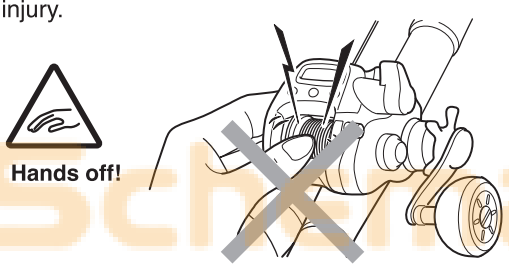
⚠ WARNING

The following pertains to matters that could cause problems or serious, even life-threatening injuries should the instructions be ignored or incorrectly followed.

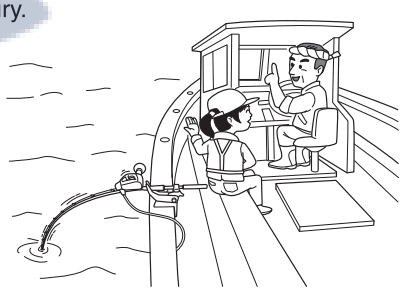
-Be careful not to catch your fingers between the reel and the level wind, which is used to wind line into the spool evenly. It may cause injury.



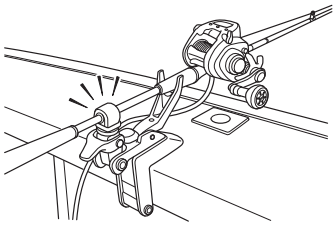
-When you turn on the clutch while feeding line (operated by the motor), it winds up the line. Be careful not to catch your fingers. It may cause injury.



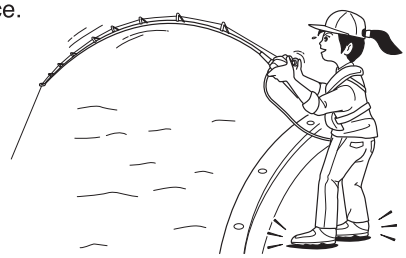
-Keep your eyes on your reel during use. Failure to do so may result in an unexpected accident or injury.



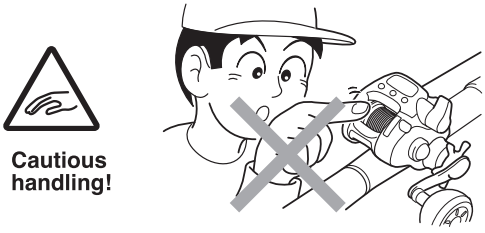
-For a big game fishing using large sized electric reel, make sure to fix the reel properly and firmly to the rod clamp or the holder. Failing to fix it firmly may result in an unexpected accident or injury.



-Do not use the reel in an unbalanced and unnatural stance. Stand with your feet planted firmly on the ground to give you a balanced stance.



-Adults or parent’s must supervise closely any use of this product by children. Use extreme caution to keep their fingers and hands away from moving parts or openings in the reel.



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Caution

⚠ WARNING

The following pertains to matters that could cause problems or serious, even life-threatening injuries should the instructions be ignored or incorrectly followed.

-Wear appropriate clothes and equipment during use. When you are not careful, you may be caught in the rotating parts or injured due to flying debris, resulting in serious injury or disability.
1.Keep your hair, clothing, and or gloves away from the rotating parts.
2.Wear non-slip footwear.
3.Cover long hair with a cap or hair cover.
4.Do not wear necklaces, neckties, or other jewelry and accessories that may be caught unexpectedly.
5.Be sure to wear equipment that protects your eyes, such as polarized glasses or eyeglasses.



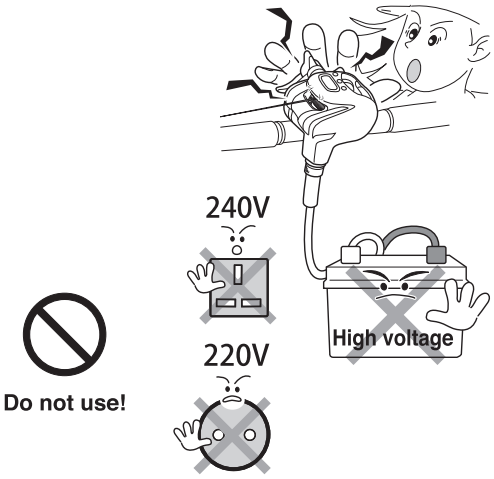
-Do not use and keep this product within the reach of children.Keep out of reach of children for storing or use of the product, as well as the reel itself, the packaged items and accessories.





Secure storage!

-When using batteries or the power supply of a boat, only apply the designated voltage. Other voltage may cause an abnormally high temperature in the electric reel, that could burn your hand or damage the microchip. Do not connect to house current or any AC (alternating current) power supply. The circuit may be short-circuited and result in smoke and fire.



Do not use!

-While using an electric reel, weak radio waves will be generated, which may affect medical equipment, such as malfunction of hearing aids and pacemakers. In particular for a person implanted with a heart pacemaker, use of electric reel may cause palpitations or dizziness; Do Not use this product.

Do not use!



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Caution

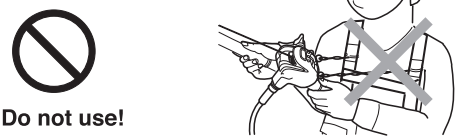
⚠ WARNING

The following pertains to matters that could cause problems or serious, even life-threatening injuries should the instructions be ignored or incorrectly followed.

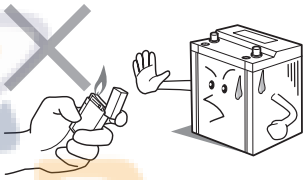
-Do not immerse the battery in a conductive material such as water. Doing so may cause the battery to be shorted out, resulting in damage, fire or getting burned.



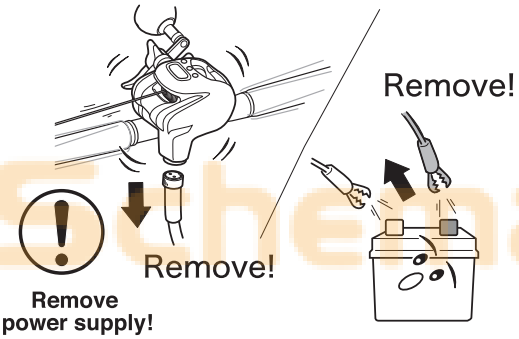
-Do not fasten an electric reel with a harness onto your body.
You may risk your life if pulled into the seawater by a big fish or in other situations.



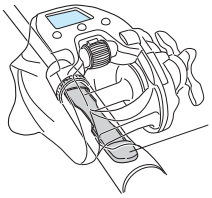
-Keep the reel, cords, and batteries away from combustible materials and flammable substances (liquids, gases, and powder dust) to prevent ignition or explosion.



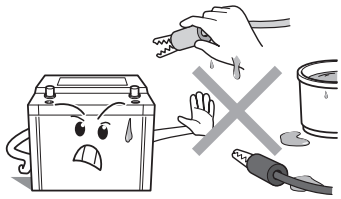
-Should the motor fail to stop for some reason while fishing, use caution to prevent your fingers being caught in the reel. Disconnect the power supply immediately.



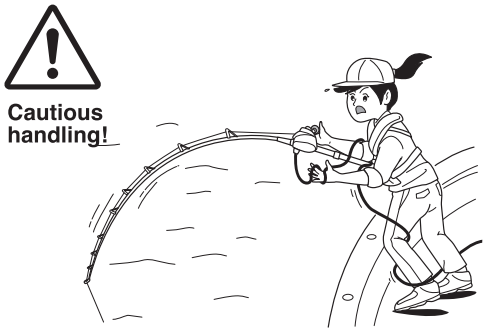
-Ensure to fix the electric reel securely to the reel seat before use. Do not use the reel if it is seated unsteadily and rattled or if it cannot be fixed firmly. If the reel comes off during fishing, you may be injured.



-Do Not connect the reel with the battery and or the cord when your hands are wet. Failure to do so may result in electric shock. If you connect it during rain, wipe your hands with a dry towel or the like and connect it quickly.



-Be careful not to get the power cord wrapped around your body. Failure to do so may result in getting dragged into the sea.



-Do not touch moving parts while in operation.
It may cause injuries.

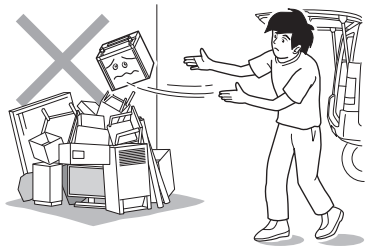


Caution

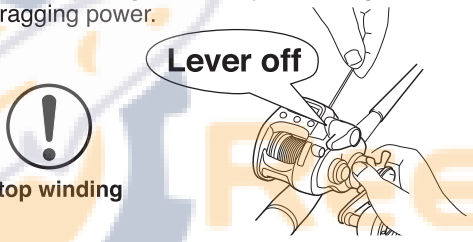
⚠ WARNING

The following pertains to matters that could cause problems or serious, even life-threatening injuries should the instructions be ignored or incorrectly followed.

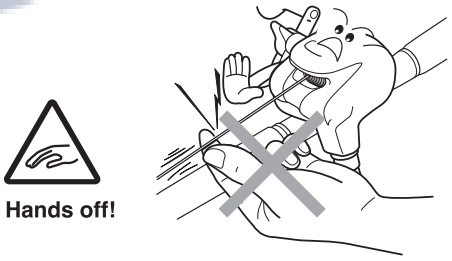
-Follow the national and local regulations to dispose of the product and battery.



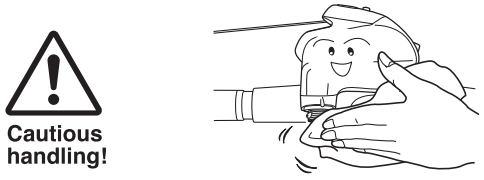
-Be sure to turn OFF the auto-wind lever before setting the dragging power. Failure to do so may result in your hand getting cut by the line while you are pulling it manually for setting the dragging power.



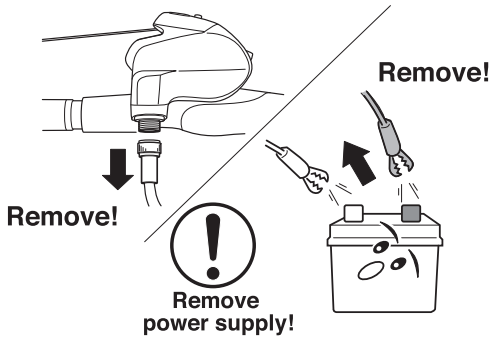
-Do not touch or grab the line when it is being released or wound rapidly. The line may cut your fingers.



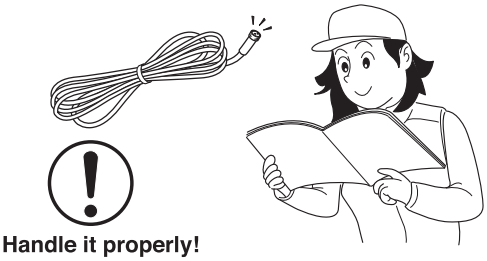
-Before reconnecting the power cable on the boat, thoroughly wipe away any moisture such as saltwater from the connecting parts with a dry cloth. If you connect it wet, it may short-circuit causing electric shock, smoke, or even fire.



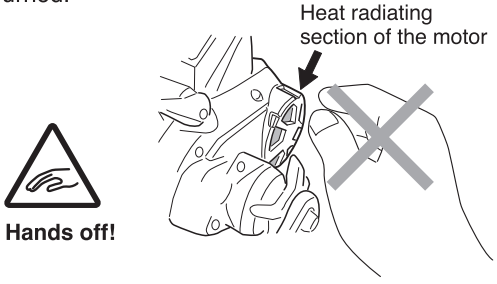
-When you do not use the product for fishing, turn off the winding lever and power supply. Failure to do so may result in unintended operation of the product, resulting in injury or other problems.



-Depending on the conditions of use or storage of the product, the cord may breakage or be shorted out, resulting in smoke or fire. Be sure to follow the "Precautions for Handling Cord", "Instructions for Maintenance of Cord" and "Other Precautions for Maintenance". Be sure to disconnect the power supply before maintenance of the cord. An old cord may cause breakage, short-circuit, or trouble. We recommend to replace the cord every two years or every 60 times of use, in order to maintain the performance of the reel.



-Do Not touch the heat radiation area of the motor. It may become hot, resulting in getting burned.

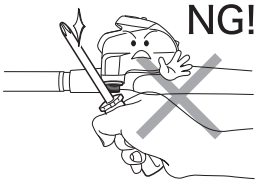


Caution

⚠ WARNING

The following pertains to matters that could cause problems or serious, even life-threatening injuries should the instructions be ignored or incorrectly followed.

-Do Not attempt to disassemble or modify the reel. Failure to do so may cause problems with the performance of the reel or lead to malfunction. Also, this is not covered by the product warranty.





Do not modify!

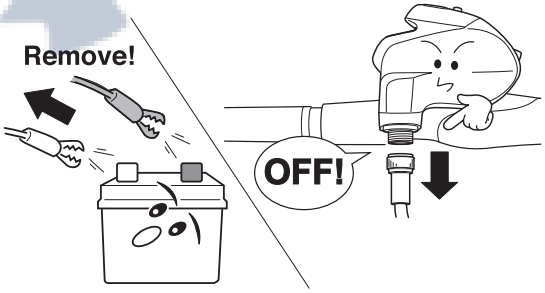
-Do not modify the cable.
It may cause a short-circuit or other problems and could result in smoke or fire.



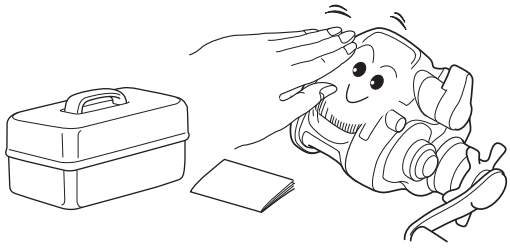


Do not modify!

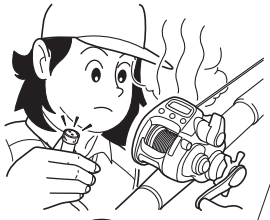
-Stop the operation before disconnecting the power supply. Failure to do so may result in malfunction. Shutting off the power while the reel is rotating may cause sparks, fire or explosion.



-Before going fishing, please check the reel for proper operation to ensure an enjoyable fishing trip.



-In the event of abnormalities such as smelling burnt or leakage of electricity, immediately stop the operation and disconnect the power supply. Failure to do so may result in abnormal heat generation, fire, or electric shock.





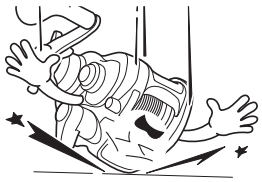
Remove power supply!



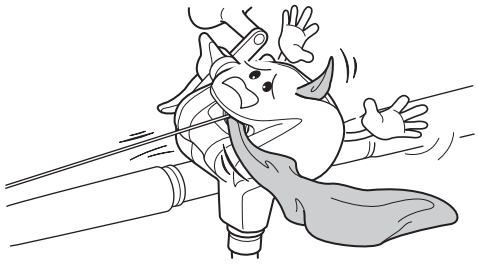
-Shocks, such as dropping the product, may cause breakage or damage to the internal electronic parts, cracks resulting in water intrusion, or short-circuit of the circuit board resulting in functional failure. Be careful not to apply strong shocks or heavy pressure to the product. (Even if there is no abnormality on its appearance, the product may be malfunctioned).
Dropping the product also may cause you to be injured.



Cautious handling!



-Be careful not to get a piece of cloth, clothes, hair caught in the reel while winding up the line. Be careful not to wind the loosen line due to backlash, etc.

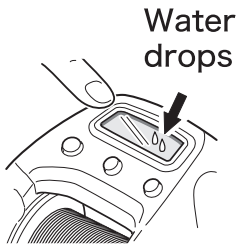


Caution

⚠ CAUTION

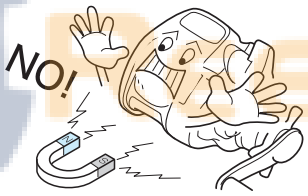
The following pertains to matters that could cause problems or serious, even life-threatening injuries should the instructions be ignored or incorrectly followed.

-If the reel is dropped or shocked, the counter or the main body of the reel may crack resulting in water intrusion. Use of the reel in such a condition may cause the motor to be out of control, resulting in injury. Stop using the product and bring it to your nearest DAIWA dealer for repair.



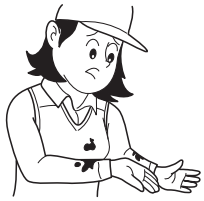
Do not use!

-Do not put a magnetic item such as magnet closer to the product. Otherwise, it malfunctions or causes failure.



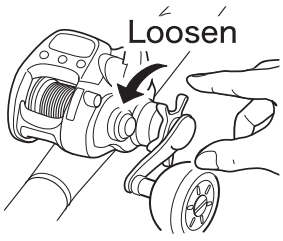
-Handle it cautiously as to not to stain your clothes with grease or oil from moving parts.

Cautious handling!



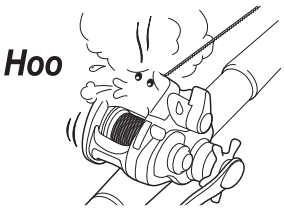
-Before connecting it to the power supply, be sure to loosen the drag well. If the IC breaks, and the motor does not stop, the terminal rig may be wound into the reel and the rod may break.

Required handling!



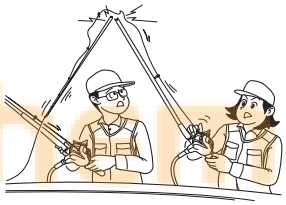
-When winding up line indoors, do so at high speed. If wound up at low speed and high tension, the motor may heat up abnormally and emit smoke. Power to wind up electronically may deteriorate.

Cautious handling!



-Do not wind up with excessive force when line is tangled with other angler's lines or snagged on the bottom. It may cause damage to your rod and other components.

Handle with care!



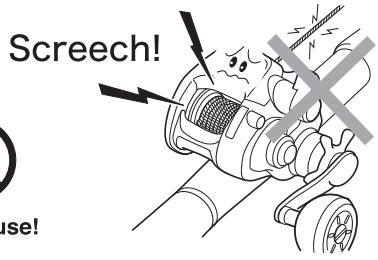
-When your hook is caught in the bottom, do not jerk the rod to free it. Pull the line with your hand and cut it if it fails to pull free. (Be sure to protect your hands with gloves or a towel.) If you use thick leader and cannot cut it with hands, talk to the captain for a safe treatment.

Risk of injury!



-Do not use wire line with your reel. It may cause corrosion or damage to the spool.

Do not use!

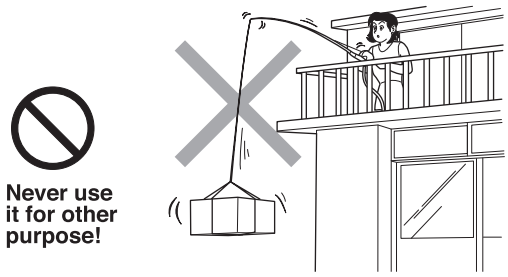


Caution

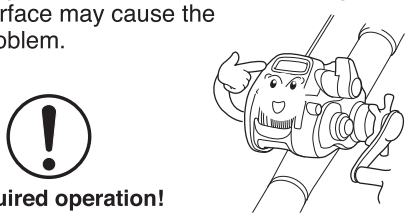
⚠ CAUTION

The following pertains to matters that could cause problems or serious, even life-threatening injuries should the instructions be ignored or incorrectly followed.

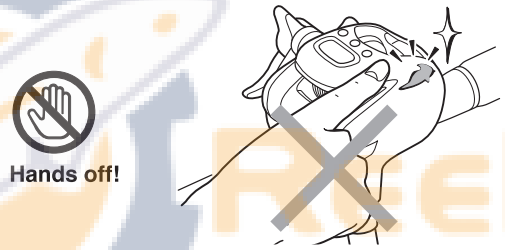
-Use the reel only for the purpose of fishing.



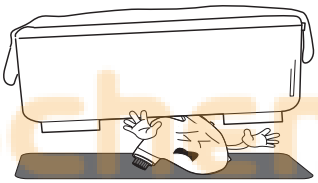
-Reset the counter whenever it displays the wrong number, you have cut off line, disconnected the power supply or changed line tests. If you use the reel without resetting the counter, your terminal rig may be pulled into the reel and break the rod or other components. Forgetting to reset it with your terminal rig at the water surface may cause the same problem.



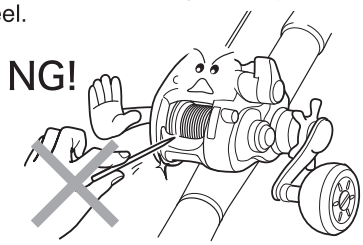
-Do not touch parts where the surface or top coatings (such as paint) are peeled off. It may cause injuries.



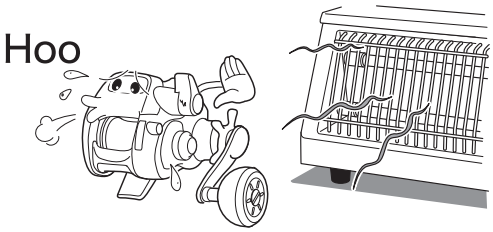
-Do not step on or place objects upon the reel. It may cause problems with the reel.



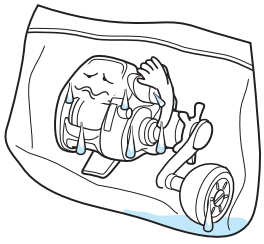
-Do not insert a stick or metallic object into the opening between the spool and the frame or other parts of the reel. It may cause problems with the reel.



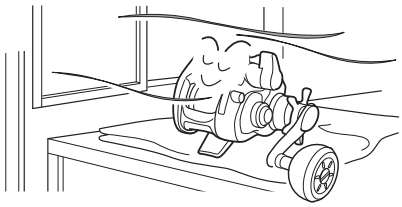
-Do not leave the reel near heating appliances. Resin may melt and deform or deteriorate causing problems.



-Do not store a wet reel in a plastic bag or a fishing bag because it may cause rust or malfunction.



-When storing the reel for a long time, wipe down the moisture completely and preserve it in as well a ventilated place as possible without direct sunlight. Loosen the drag when storing it.



ReelSchematic

Caution

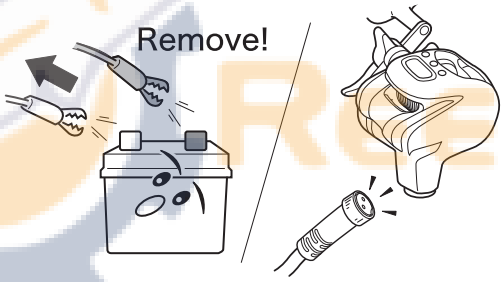
⚠ CAUTION

The following pertains to matters that could cause problems or serious, even life-threatening injuries should the instructions be ignored or incorrectly followed.

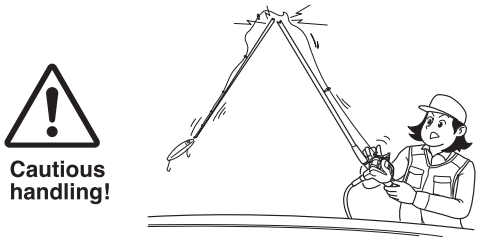
-Use neutral detergent (dish washing detergent) when washing the electric reel. Do not use chlorine, acidic, or alcohol type cleaners. It may deteriorate resin and cause problems with the reel.



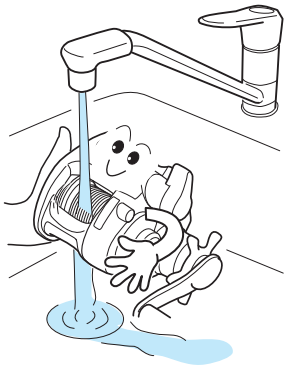
-Unplug the power supply and the cable when not in use.



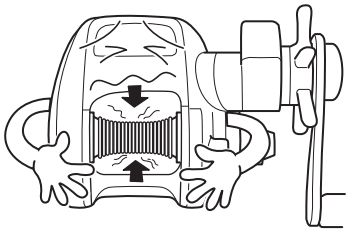
-The position of the pre-set auto-stop point varies depending on the tension of the line being wound. If you change the pre-set auto-stop point, reset the counter to zero at the water surface.
* Allow enough margin for setting the auto stop point. If you set it without enough margin, your fishing rod may be broken.



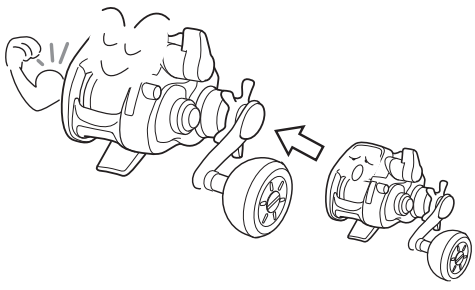
-When the reel is stored with the wet line with salt seawater, the spool may rust. Wash only the spinning part with tap water to rinse off seawater sufficiently, and then dry it in a well ventilated place without direct sunlight before storing it.



-Do not store the reel with tightly-wound, damp line. During storage, the line may dry up and shrink, resulting in damage to the spool. Do not wind nylon or fluorocarbon line onto a model designated exclusively for PE line (braided line).



-If the breaker triggers repeatedly, the size of the reel does not match your fishing method or your target fish. Use a reel with the specifications and size that is best for your fishing.



Caution

⚠ CAUTION

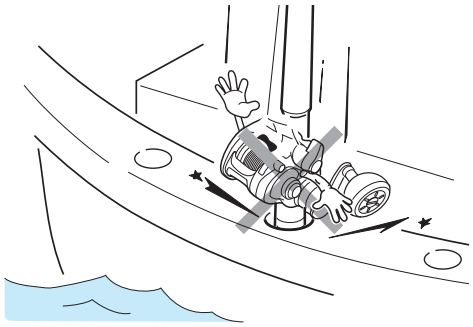
The following pertains to matters that could cause problems or serious, even life-threatening injuries should the instructions be ignored or incorrectly followed.

-When shrinking a telescopic rod, do not tap rod butt on the ground with the reel attached. The reel may be damaged.

Stomp!



-When fixing the rod into a hole on the boat edge with the reel attached, verify that the reel does not touch the edge. When it touches, do not place it into the hole. The reel may be damaged.



(MAGSEALED mounted model) INSTRUCTIONS FOR HANDLING

This document contains important instructions regarding special attention that may be required when using an electric reel. Please be sure to read them thoroughly before use.

■ MAG SEALED

MAG SEALED is a revolutionary mechanism designed to make a wall with magnetic fluid and keep water out. While maintaining smooth rotation, it sustains the initial rotation performance for a long time by keeping out water and foreign substances. The elimination of annoying salt adhesion can remove degraded rotation or noise created during long-term use, resulting in significantly improved durability.

■ MAG SEALED ball bearing

Our unique technology has turned the ball bearing itself to MAG SEALED. The wall of magnetic fluid prevents water or foreign substances from entering the inner ball bearing, which substantially eliminates noise and rust or salt adhesion on the ball bearing.

⚠ Attention

-Never lubricate the MAG SEALED ball bearing to avoid the loss of the MAG SEALED function.
-Never disassemble the ball bearing to avoid the loss of the MAG SEALED function.

⚠ Attention

The excellent rustproof and dustproof performances of the MAG SEALED ball bearing are provided by the wall of magnetic fluid (MAG OIL) enclosed in the ball bearing.
-MAG OIL enclosed slightly greater in quantity could seep out of the ball bearing surface, but it will not affect performances.
(Do not wipe off the oil seeping out of the surface.)
-Never touch or wipe the MAG SEALED ball bearing with your finger, cloth or a cotton bud. Wiping off MAG OIL could impair the MAG SEALED function.

◆About the counter display

1. 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).
*In the above cases, the characters may be difficult to see due to the characteristics of the liquid crystal. Please note.
2. When light strikes the display from certain angles, the display's digits may have shadows. This does not affect its function.

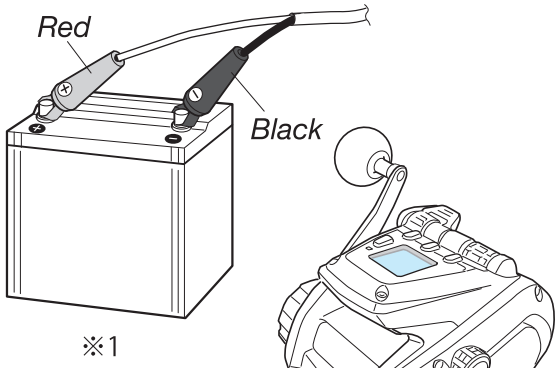
Registered trademark: This is a product for which DAIWA has obtained a registered trademark. Please be careful of counterfeit and similar products. The manufacture and sale of counterfeit products is punishable by the laws of each country.

Power source

How to connect 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.



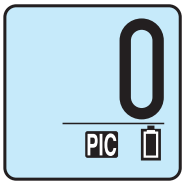
※1



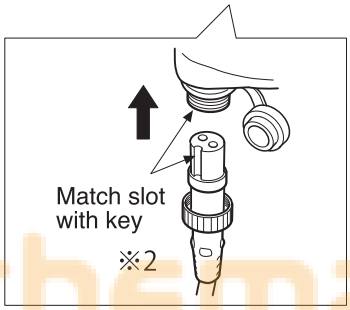
Alarm sound



(Screen shown when the unit is turned ON)



(Screen showing the Water Depth)



※2

ReelSchematic

⚠ WARNING

** 1: Pay attention to the correct polarity. If the power cord is connected in reverse polarity (+/-), it will not conduct electricity and may also cause damage to the battery, the main unit, and the cord.*
** Do not connect the power supply while your hands are wet with freshwater or seawater. Attempting to do so may result in electric shock. If you connect it during rain, wear rubber gloves before connecting it.*
Do not connect the power supply with wet hands with pure water or seawater as it may result in receiving electric shock. When the weather is rainy, wear rubber gloves when making connections.
** 2: If it is connected incorrectly, it will not conduct electricity. Incorrect connection may cause short circuit, resulting in the power cord being broken. * Do not place combustibles or inflammables near the power supply, the reel, or this product. It may cause fire.*

⚠ Attention

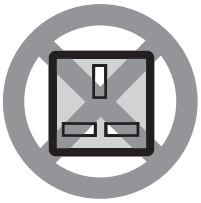
When changing batteries, the display's back up memory stays active for about 15 minutes after the old battery is disconnected. Thus the above display startup sequence does not need to replay when the new battery is connected within the 15 minute time frame.

Power source

About the power source

This reel is designed to be compatible with direct current DC 12 to 16.8 V. You may not use any power sources other than those specified to this reel (for example, AC100V from a household power supply and DC24V equipped on a boat).
The power source voltage on a boat tends to lose stability as it is largely influenced by a generator on board and wiring which may trigger the protective circuit causing sudden stop or intermittent operation of the reel. To maximize the reel performance, be sure to use the electric reel specific batteries.

240V



24V (Excepting a model)



⚠ WARNING

1. We will not warrant any malfunctions or damages caused by the battery.
** Daiwa does not recommend to use any batteries of which product standards or safety standard Daiwa is not involved in and are labelled as compatible with Daiwa electric reels. Daiwa will not be liable for any accidents and damages caused by use of these batteries with Daiwa products. If you dare to use them, the use is at your own risk. Particularly, pay attention to the use of lithium batteries, which are likely to cause serious accidents.*
2. Use of the power supply of your boat may cause damage to the supply system of the boat.
** If you use the power supply of the boat, do not use up all the power capacity while the engine is turned off.*
** If the power supply is run out, the engine will not start and you will be lost in the sea.*
3. This reel is driven by DC 12V to 16.8V.
** Only the model "Marine Power 3000" is driven by 24V. Connecting it to a power supply with a voltage higher than 24 V or connecting to household power supply will damage the electronic circuit of the electric reel, resulting in the motor getting out of control. Incorrect connection may result in smoke or fire. Be sure to check the power supply environment and the specifications.*

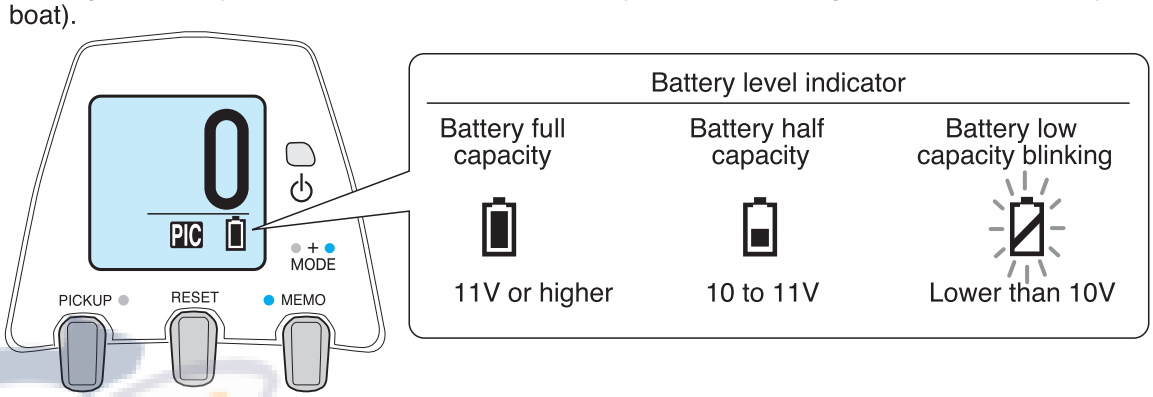
⚠ Attention

1. Do not use any power supply other than the specified ones.
As for the power source, we recommend the use of DEEPCYCLE battery is waterproof secured for marine use.
Only the specified lithium power supply (in the country where it is sold) can be used for the reel.
** Please contact your nearest DAIWA dealer.*
2. Connecting the unit directly to a household or marine power source may cause damage.
3. Recharge the battery before your fishing trip. Over time, a battery can naturally discharge.
4. Confirm the boat can provide the proper power source (i.e. voltage, connector shape etc).
-Corroded connections can prevent the flow of electric current. Remove any corrosion or dirt from the connectors.
5. Use a battery of the correct voltage output. Winding up with a high load while the voltage is low may damage electronic components.

Power source

Battery level indicator

When the battery voltage is lowered while powered ON, the battery level indicator becomes as shown below.
When the voltage goes down to 10V or less, the winding power of the reel is restricted and the maximum performance cannot be gained.
If this indicator is blinking while the motor is not running, battery voltage may be low due to decreasing of the residual capacity of the battery. If it is blinking, replace the battery with a recharged one (If you use the on-board power supply, check the voltage and the terminal of your boat).



*There may be a slight difference between the reel detection voltage and the actual voltage of the power supply.
*When the battery runs out and the counter display goes out, be sure not to operate your electric reel manually to wind the line and be sure to replace the battery with a recharged one before doing any operations (relating to fishing). Any manual operation in such condition may cause the water depth counter to go out of order, resulting in the tip of fishing rod being broken due to accidentally winding up all the line when you restart an electrical winding later with a replaced battery.
*The indicator LED lights up green while the source voltage is 10 V or more. When the voltage gets below 10 V, it will blink red.

Attention

-When a low battery indication appears, replace the battery with a fully charged one, as operation with low battery may cause problems with electric winding and or IC functions, etc.

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.

*Recommended quantity: 1.5 ml per liter of water. 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. Dry the reel well.

*Loosen the drag when stored.

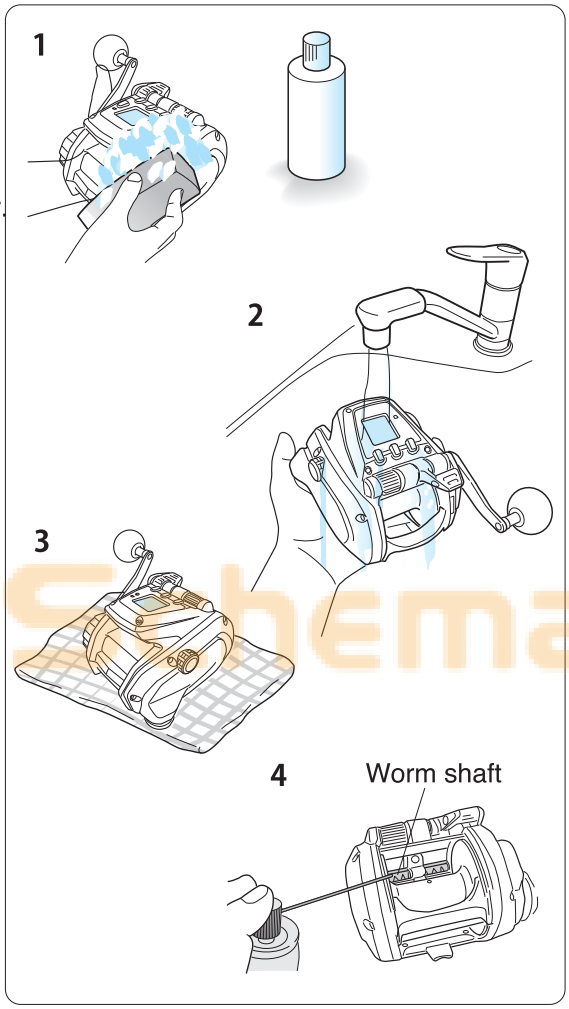
*Be sure to remove water from inside the handle knob, because water could build up there.

4. Feed oil.

Spray oil on the worm shaft.

*Recommended grease: Genuine reel guard grease (product code: 2380027)

Get the specific spray from a fishing-tackle store.



Attention

1.Do not wash with seawater or soak in water.

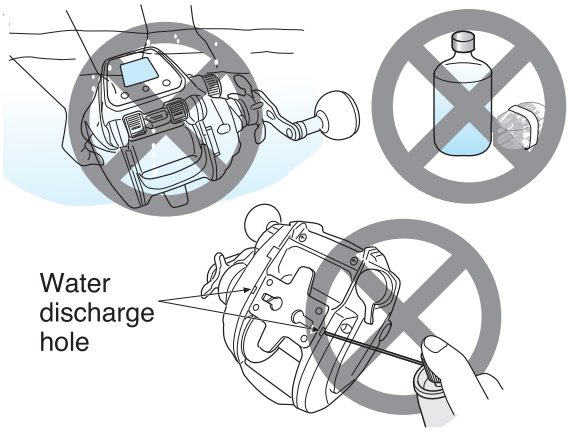
2.Do not use organic solvents such as benzene and thinner.

3.Do not use a steel brush or abrasive cleanser.

4.The fed oil may spring back and squirt. Do not peer down the worm shaft part.

5.Do not feed oil to water discharge hole.

6.Do not put magnetic force closer to the product main body.



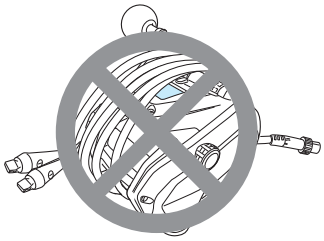
Maintenance

Handling and maintenance of the power cord

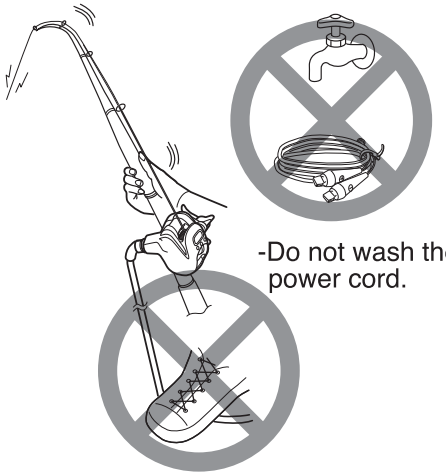
Follow the restrictions below to avoid troubles caused by disconnection of power cord and the like.
Be sure to use the specific power cord supplied with the reel unit.
*Note that the unit is not compatible with any other power cord.
*Do not modify the power cord. It may cause an unintended failure. Be sure to keep the power cord intact.



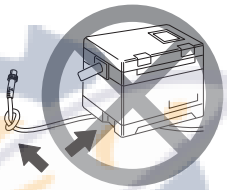
-Do not hang the reel by the power cord.



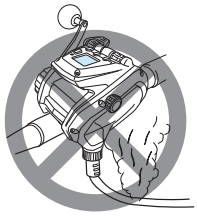
-Do not wind the power cord around the reel body with the connector inserted into the reel.



-Do not wash the power cord.



-Do not set heavy items on the power cord, or tie knots in the power cord.

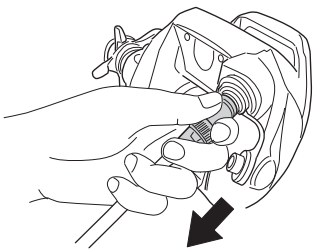


-If any abnormal events occur, including smoke and abnormal odor, stop the use of the power cord and remove it immediately from the battery.

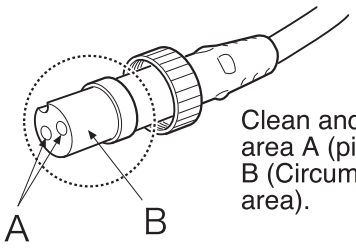
-Note that the inner electric cable may be disconnected or broken despite of no visible damage on the appearance, if you step on the power cord, or if you pull the power cord strongly when it is trapped with cargoes, during use.

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.
*Recommended grease: SLPW connector grease 501 (Product code: 4 386502) The dedicated grease is available at fishing tackle shops.
-Disconnect the power cord from the reel before storing.



Hold the connector, not the power cord, to pull the power-cord from the reel.

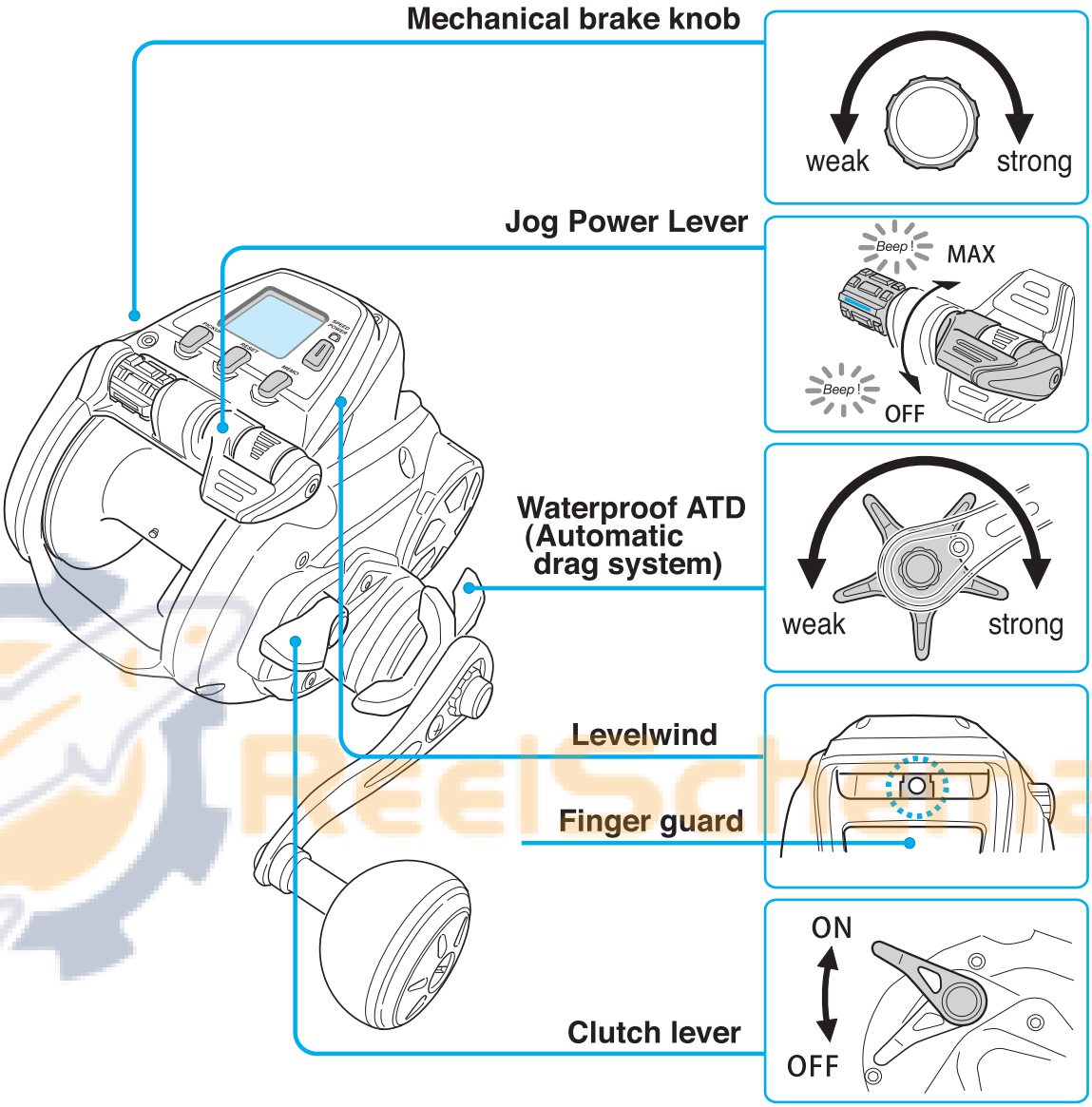


Clean and grease area A (pins) and area B (Circumferential area).

Other maintenance points

-This reel is a precision instrument that employs electric circuity and motor. Do not disassemble the reel by yourself.
-Cover the power connector on the reel with its protection cap.
-An old cord may cause breakage, short-circuit, or trouble. We recommend to replace the cord every two years or every 60 times of use, in order to maintain the performance of the reel.

Names and functions of each part

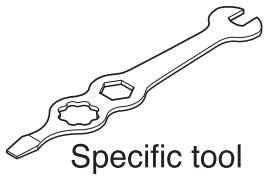


Accessories

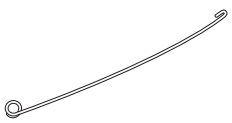

Reel bag

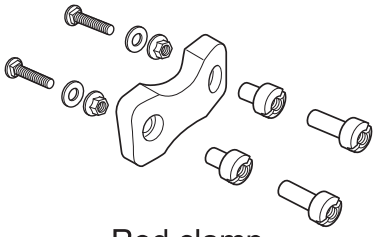

Access Guide


Warning List


Specific tool


Power cord

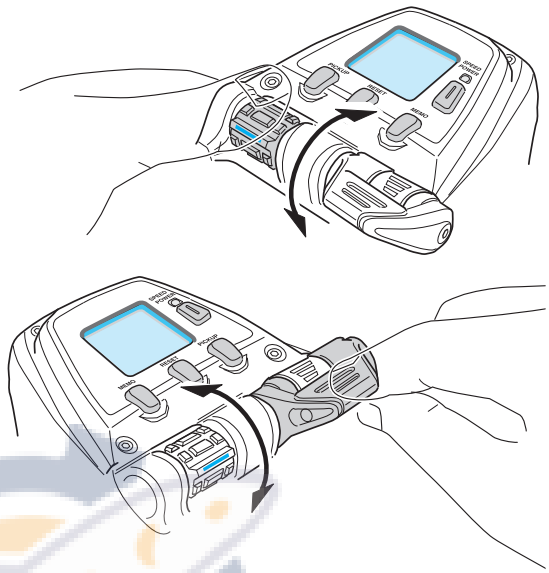

Levelwind threader


Rod clamp

Names and functions of each part

Jog Power Lever

-You can move the right lever by pinching it with your thumb and forefinger.
-Left side rotary lever can be rotated with your thumb.



-You can freely adjust the winding power or the winding speed from OFF to MAX by using the lever.
-Turning the lever forward (toward MAX) will increase the winding power.
Tuning the lever back (toward OFF) will decrease the power.
-Check the position of the lever before you start winding. If it is not at OFF position, turn it back to OFF position (an audible alarm will sound to tell you that the lever has backed to the OFF position). Then, push the lever forward to start winding.
-Note that the lever does not accept your lever manipulation near the pre-set auto stop point for safety reasons.
-The displayed value for setting by the lever may fluctuate due to winding load fluctuation but it is not abnormal event.

Waterproof ATD (Automatic Drag System) * With a drag click system

-This is designed to provide a mechanism whereby adjusting the star drag allows the spool to slip against a strong pull to avoid line breakage.
1. Set the reel on the rod and put the line through the rod guide before adjusting the drag.
2. Adjust the tightness of the drag, with the clutch ON, manually pulling the line out from the reel. Normally, adjust the drag allowing the spool to slip before the line breakage (trace line).

Clutch lever

-You can move the right lever by pinching it with your thumb and forefinger.
-Left side rotary lever can be rotated with your thumb.

Mechanical brake knob

-This allows you to adjust the lowering speed of the terminal rig to prevent backlash. Adjust the tightness depending on the conditions such as rolling of your boat and the rig weight.

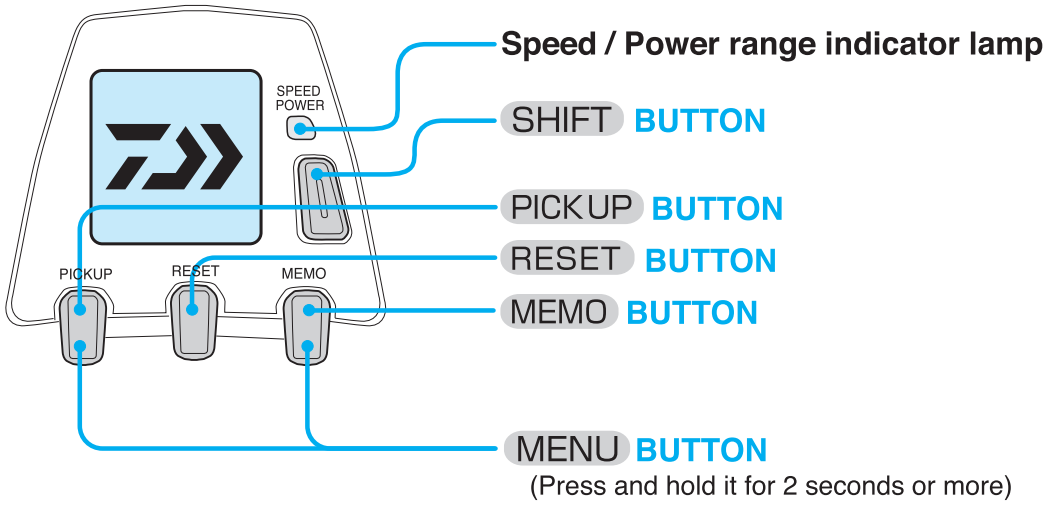
Levelwind

-The levelwind allows to ensure an even winding of the line on the spool that is passed through the guide.
*The line may be wound unevenly on the spool depending on the winding condition in some cases.

Accessories

-Power cord
-Reel bag
-Specific tool
-Rod clamp
-Access Guide
-Warning List
-Levelwind threader

Names of the buttons and the display



●RESET

-Press the RESET BUTTON once always before you start fishing.
The auto stop position is set based on the point where you pressed the RESET BUTTON.
-Pressing and holding this button for 2 seconds or more allows you to correct the data when the line has broken.

●MEMO

-This button is used to reset the inverse counter or resume the chumming timer.
-Pressing and holding this button allows you to set the auto stop point.
-This button acts as OK BUTTON in the Menu screen.

●PICKUP

-The button is used to execute Pickup, Pause and Jigging.
-This button acts as a (RETURN) BUTTON in the Menu screen.

●MENU

-Simultaneously pressing and holding both MEMO BUTTON and PICKUP BUTTON for 2 seconds or more will open the screen where you can set various convenient functions.

●SHIFT

-This button allows you to shift between the Speed Range and the Power Range.
-The Speed / Power range indicator lamp lights green in the Speed Range mode. In the Power Range mode, the lamp lights red.

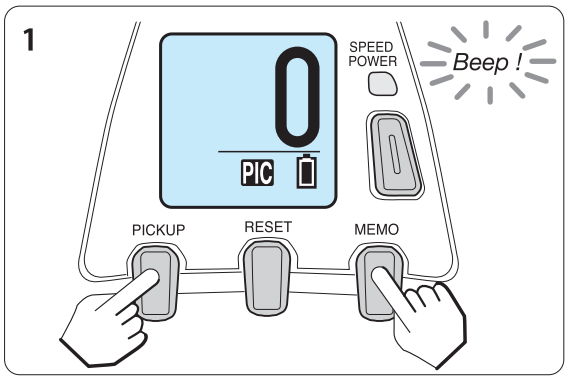
ReelSchematic

Functional setting [1. How to operate the Menu screen]

Setting of useful functions

-The Menu provides various useful functions for your fishing.
*Once you have set up a parameter, it is saved in the memory for your next fishing.
(Settings may not be saved in the memory if your turn off the power immediately after setting)

1.When the display shows 0 press and hold both MEMO BUTTON and PICKUP BUTTON simultaneously for 2 seconds to show the Menu screen.

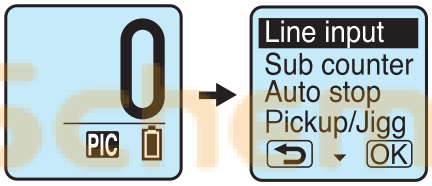


(Water Depth screen)

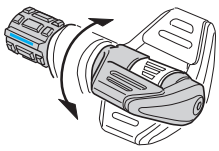
MEMO BUTTON +
PICKUP BUTTON (Press and hold)

2.Select a parameter using the Jog Power Lever and press OK (MEMO BUTTON) to go the screen for setting.

*For details on setting of each parameter, please refer to the following pages.



(Water Depth screen) (Menu screen)



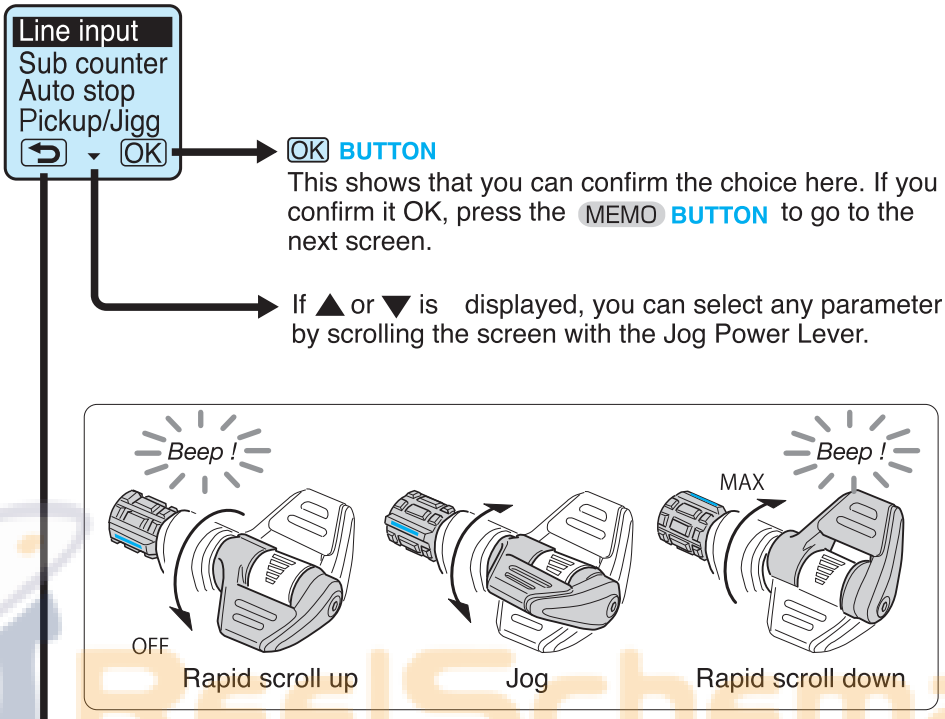
You can select your desired parameter using the Jog Power Lever.

Line input	See P17 - 26
Sub counter	See P27 - 29
Auto stop	See P31 and 32
Pickup/Jigg	See P33 - 36
Chum timer	See P38
Alarm	See P43
Drag sound	See P43
Revision	See P39
History	See P40
Language(言	See P43
Unit	See P44
OK	

Functional setting [1. How to operate the Menu screen]

■ Operation in the Menu screen

Here, the Menu screen is used as an example to how to operate the screen.



3. Once the settings have been completed, return to the Water Depth screen to start fishing.

ReelSchematic

Functional setting [2. Main line input]

P1 Line input

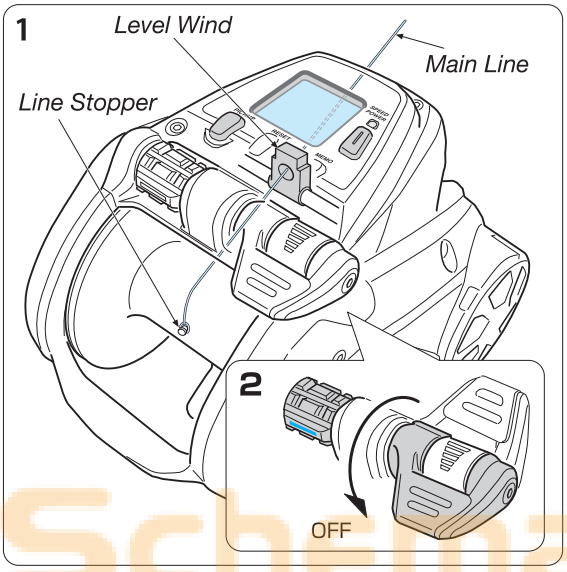
This function is convenient when you know the length of the fishing line to be wound on the reel.
(The following example explains how to insert a PE 100lb-500m fishing line.)

⚠ Watch out for Burns!

An overly heated motor may cause the frame to become very hot, so do not touch it directly when inserting the main line. Insert the line while holding the frame with a wet towel, etc.

1.Pass the main line through the Level Wind and tie it to the spool.

*The enclosed threading pin (See P12) facilitates the process.
*Make sure to tie the line to the line stopper to prevent the line from slipping on the spool.
*Tighten the drag.



2. Return the Jog Power Lever to OFF.

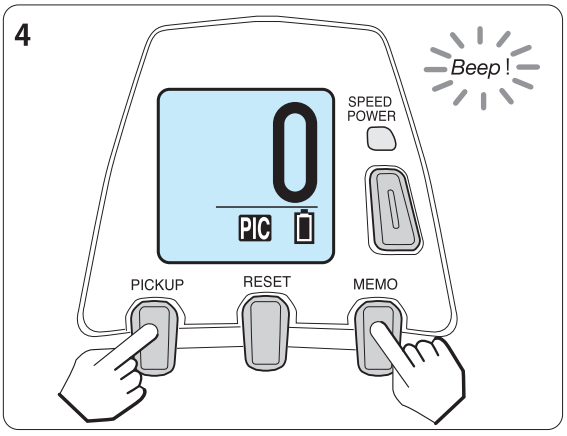
3. Turn on the reel.

*Please refer to the page 8 “How to connect Power Supply” for the details of the connection method.



(The screen when the reel is switched on)

4. When 0 is displayed, press and hold the switches MEMO BUTTON and PICKUP BUTTON simultaneously for 2 seconds.



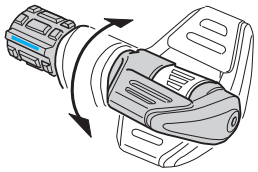
(Water Depth Screen)

ReelSchematic

Functional setting [2. Main line input]

P1 Line input

5. Select “Line input” with the Jog Power Lever and press OK (MEMO **BUTTON**).



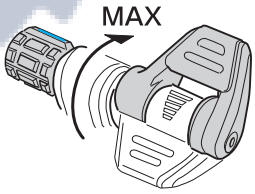
*By moving the Jog Power Lever, the selected item is highlighted on the screen.

*When the scrolling text《Do you wish to continue?》is displayed, press OK (MEMO **BUTTON**) one more time.

6. Select “Line input P1” and then press OK (MEMO **BUTTON**).

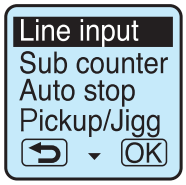
*The screen automatically switches to “Speed Range”

7. After adjusting the tension, turn the Jog Power Lever to the MAX position and then wind the main line.

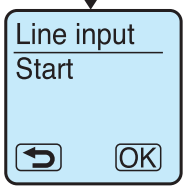


*While winding up the line, try to adjust the tension so that the mark ▼ stays around the screen center.

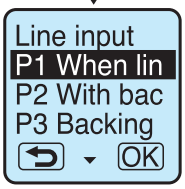
5



(Menu Screen)

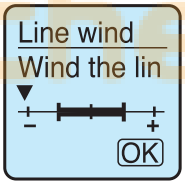


6



(Line input Screen)

7



(Tension Meter Screen)

Attention

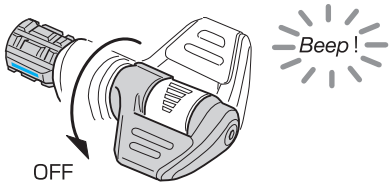
-The reel may be damaged if the line touches the finger-guard or the frame. Keep the line from touching these components.
-Winding the line indoors for a prolonged period at a low speed with an elevated tension may cause the motor to overheat and thus fail. When winding the line, turn the Power Lever to the MAX position on the Speed Range screen. When actually fishing outdoors, there is no need to worry because it is cooled with seawater, etc.

ReelSchematic

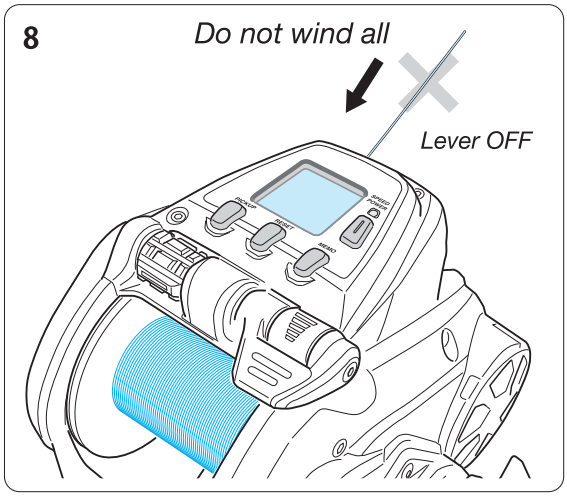
Functional setting [2. Main line input]

P1 Line input

8. When winding is complete, turn the Jog Power Lever back to the OFF position and then press OK (MEMO **BUTTON**) .



8

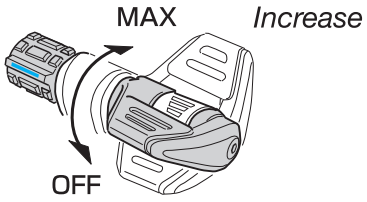


Attention

-Do not wind all the line. Before winding up all of the line, turn the Jog Power Level to the OFF position and then wind up the remaining line manually with the handle. Winding up all may cause an error with the counter.
-This winding method cannot be applied to lines thinner than PE 30lb.
-When winding a PE 30lb line, the line may enter the gap between the spool and the frame if wound close to the spool's outer diameter; so it is advisable to wind the line up to about 1mm inside the outer edge of the spool.

9. Select the line length with the Jog Power Lever and then press OK (MEMO **BUTTON**) .

*The illustration shows a case of inserting 500m.
*The default value is set at 600m.
*The value can be set for every 10m.



9



10. When "Complete" is displayed on the screen, press OK (MEMO **BUTTON**) and the display will return to the water depth screen to complete inserting the line.

*When "Error" is displayed while inserting the line, press OK (MEMO **BUTTON**) to return to the water depth screen and re-start the process from the beginning.

10





ReelSchematic

Functional setting [2. Main line input]

P2 Backing line input

Note that a 100 m or longer line of which length is known is necessary.

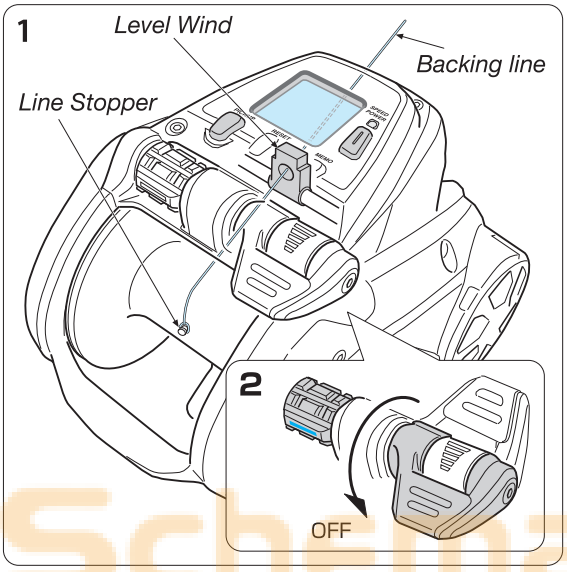
⚠ Watch out for Burns!

An overly heated motor may cause the frame to become very hot, so do not touch it directly when inserting the main line. Insert the line while holding the frame with a wet towel, etc.

1.Pass the main line through the Level Wind and tie it to the spool.

*The enclosed threading pin (See P12) facilitates the process.
*Make sure to tie the line to the line stopper to prevent the line from slipping on the spool.
*Tighten the drag.
*If you have already completed winding of the backing line, skip this step and go to the next step.

2. Return the Jog Power Lever to OFF.



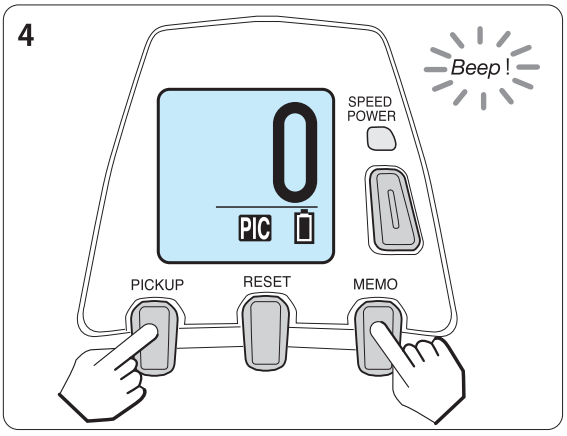
3. Turn on the reel.

*Please refer to the page 8 “How to connect Power Supply” for the details of the connection method.



(The screen when the reel is switched on)

4. When 0 is displayed, press and hold the switches MEMO BUTTON and PICKUP BUTTON simultaneously for 2 seconds.



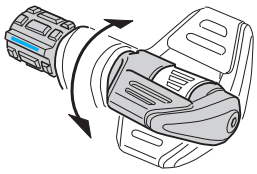
(Water Depth Screen)

ReelSchematic

Functional setting [2. Main line input]

P2 Backing line input

5. Select “Line input” with the Jog Power Lever and press OK (MEMO BUTTON).



*By moving the Jog Power Lever, the selected item is highlighted on the screen.

*When the scrolling text《Do you wish to continue?》is displayed, press OK (MEMO BUTTON) one more time.

6. Select “Backing line P2” and then press OK (MEMO BUTTON).

*The screen automatically switches to “Speed Range”

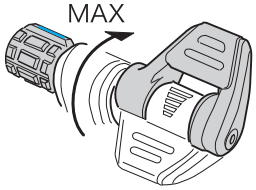
7. Wind up the backing line. If winding of the backing line is completed, press OK (MEMO BUTTON).

* If you have already completed winding of the backing line, skip this step and go to the next step by pressing OK (MEMO BUTTON).

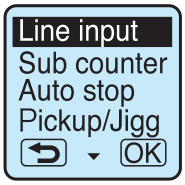
8. Firmly tie the main line to the backing line.

9. After adjusting the tension, turn the Jog Power Lever to the MAX position. and wind the main line up until the remaining line is 100 m, as checking the line color.

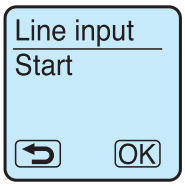
*While winding up the line, try to adjust the tension so that the mark ▼ stays around the screen center.



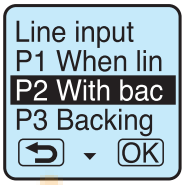
5



(Menu Screen)

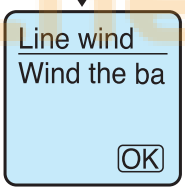


6



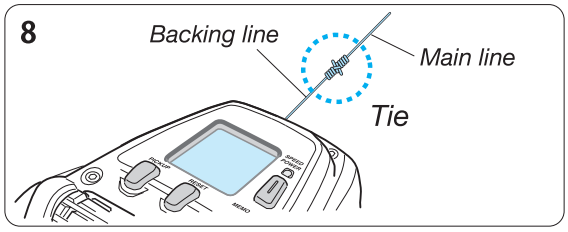
(Screen to select Backing Line Input)

7

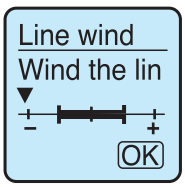


(Screen shown backing line winding)

8



9



(Screen shown main line winding)

ReelSchematic

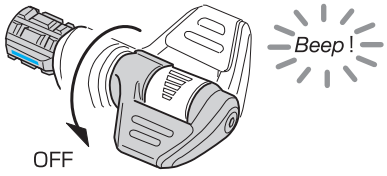
Functional setting [2. Main line input]

P2 Backing line input

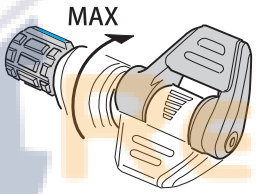
Attention

-The reel may be damaged if the line touches the finger-guard or the frame. Keep the line from touching these components.
-Winding the line indoors for a prolonged period at a low speed with an elevated tension may cause the motor to overheat and thus fail. When winding the line, turn the Power Lever to the MAX position on the Speed Range screen. When actually fishing outdoors, there is no need to worry because it is cooled with seawater, etc.

10. When winding is completed, turn the Jog Power Lever back to the OFF position and then press OK (MEMO BUTTON).

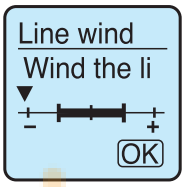


11. After adjusting the tension, turn the Jog Power Lever to the MAX position. Wind on another 50 m of line as checking the line color.



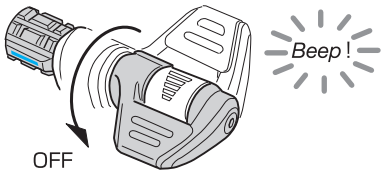
*While winding up the line, try to adjust the tension so that the mark ▼ stays around the screen center.

11

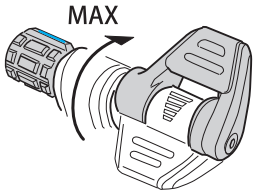


(Screen shown main line winding)

12. When winding is completed, turn the Jog Power Lever back to the OFF position and then press OK (MEMO BUTTON).

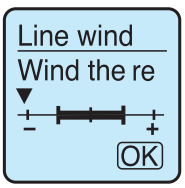


13. After adjusting the tension, turn the Jog Power Lever to the MAX position and wind the main line up to its end as checking the line color.



*While winding up the line, try to adjust the tension so that the mark ▼ stays around the screen center.

13



(Screen shown main line winding)

ReelSchematic

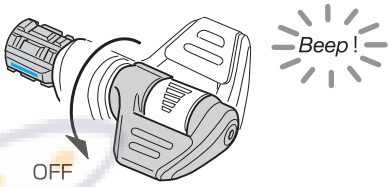
Functional setting [2. Main line input]

P2 Backing line input

Attention

-Do not wind all the line. Before winding up all of the line, turn the Jog Power Level to the OFF position and then wind up the remaining line manually with the handle. Winding up all may cause an error with the counter.
-This winding method cannot be applied to lines thinner than PE 30lb.
-When winding a PE 30lb line, the line may enter the gap between the spool and the frame if wound close to the spool's outer diameter; so it is advisable to wind the line up to about 1mm inside the outer edge of the spool.

14. When winding is completed, turn the Jog Power Lever back to the OFF position and then press OK (MEMO **BUTTON**).



15. When "Complete" is displayed on the screen, press OK (MEMO **BUTTON**) to return to the Water Depth screen and complete the data input of the line.

*If "Error" appears on the screen while inputting the line data, press OK (MEMO **BUTTON**) to return to the Water Depth screen and re-start the process from the beginning.

15





ReelSchematic

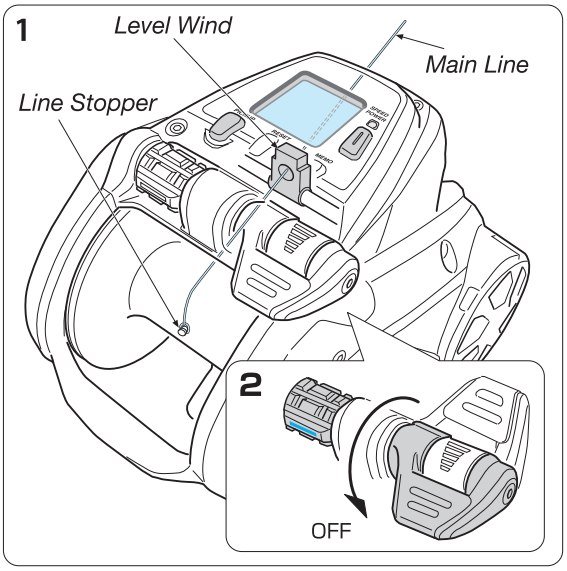
Functional setting [2. Main line input]

P3 Line re-input

This option allows you to re-enter the line data, pulling out the line after it has been completely wound up onto the reel.
Note that it is necessary that you know the line length and that it is greaterthan 100 m.

1.Pass the main line through the Level Wind and tie it to the spool.

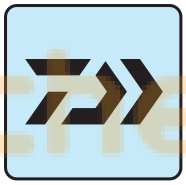
*The enclosed threading pin (See P12) facilitates the process.
*Make sure to tie the line to the line stopper to prevent the line from slipping on the spool.
*Tighten the drag.



2. Return the Jog Power Lever to OFF.

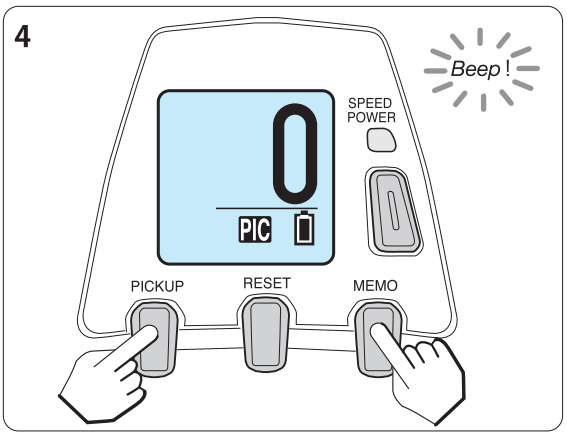
3. Turn on the reel.

*Please refer to the page 8 “How to connect Power Supply” for the details of the connection method.



(The screen when the reel is switched on)

4. When 0 is displayed, press and hold the switches MEMO BUTTON and PICKUP BUTTON simultaneously for 2 seconds.



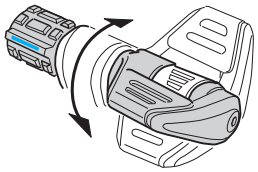
(Water Depth Screen)

ReelSchematic

Functional setting [2. Main line input]

P3 Line re-input

5. Select “Line input” with the Jog Power Lever and press OK (MEMO BUTTON).



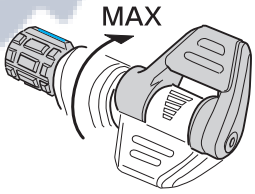
*By moving the Jog Power Lever, the selected item is highlighted on the screen.

*When the scrolling text 《Do you wish to continue?》 is displayed, press OK (MEMO BUTTON) one more time.

6. Select “Line re-input P3” and then press OK (MEMO BUTTON).

*The screen automatically switches to “Speed Range”

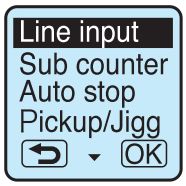
7. After adjusting the tension, turn the Jog Power Lever to the MAX position and then wind the main line.



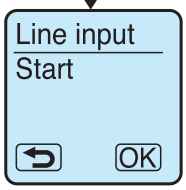
*While winding up the line, try to adjust the tension so that the mark ▼ stays around the screen center.

*When you have already completed winding the main line, simply press OK (MEMO BUTTON).

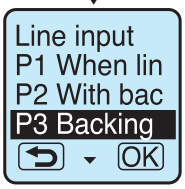
5



(Menu Screen)

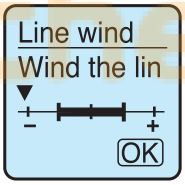


6



(Line Input Screen)

7



(Tension Meter Screen)

Attention

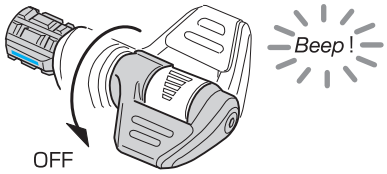
-The reel may be damaged if the line touches the finger-guard or the frame. Keep the line from touching these components.
-Winding the line indoors for a prolonged period at a low speed with an elevated tension may cause the motor to overheat and thus fail. When winding the line, turn the Power Lever to the MAX position on the Speed Range screen. When actually fishing outdoors, there is no need to worry because it is cooled with seawater, etc.

ReelSchematic

Functional setting [2. Main line input]

P3 Line re-input

8. When winding is completed, turn the Jog Power Lever back to the OFF position and then press OK (MEMO BUTTON) .



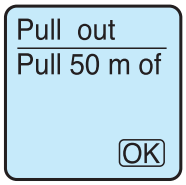
9. Pull 50 m of the line out of the reel as checking the line color and press OK (MEMO BUTTON) .

10. Pull another 50 m of the line out of the reel as checking the line color and press OK (MEMO BUTTON) .

11. When "Complete" is displayed on the screen, press OK (MEMO BUTTON) to return to the Water Depth screen. Wind up the line that you pulled out from the reel. If you wound it up, the procedure is completed.

*If "Error" appears on the screen while inputting the line data, press OK (MEMO BUTTON) to return to the Water Depth screen and re-start the process from the beginning.

9



(Screen shown main line pulled out)

10



(Screen shown main line pulled out)

11





ReelSchematic

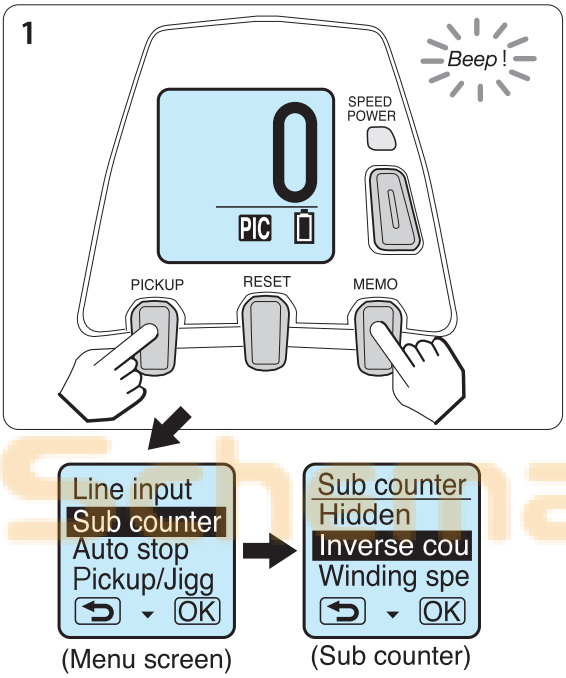
Functional setting [3. Sub counter]

Sub counter can be displayed below the Water Depth counter.
You can select one from 3 options; i.e. “Inverse counter”, “Winding speed” and “Time to wind up”
*Sub counter is set to “No display” by default.

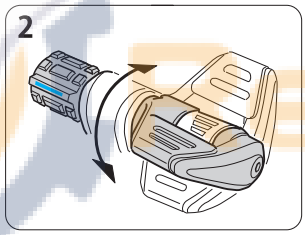
Inverse counter

You can easily identify a shelf in the strike zone for fishing with the distances from the boat and from the bottom by two counters.

1. Press and hold both MEMO **BUTTON** and PICKUP **BUTTON** simultaneously for 2 seconds to go to the Menu screen.



2. Select the option “Sub counter” with the Jog Power Lever and press OK (MEMO **BUTTON**). Then, select “Inverse counter” and press OK (MEMO **BUTTON**) .



3. The Inverse counter will appear below the Water Depth counter.

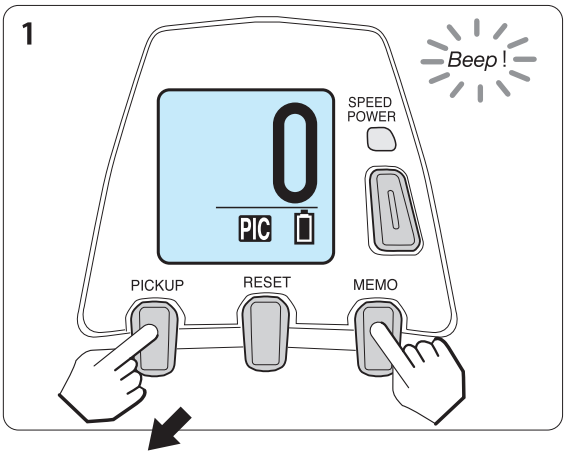
4. When you press the MEMO **BUTTON** at the depth in the strike zone for fishing after lowering the terminal rig, including the bottom and your aiming shelf, the Inverse counter displays 0 as the reference point for showing the distance from such point.

Functional setting [3. Sub counter]

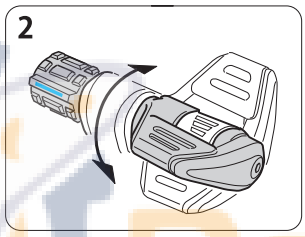
Winding speed

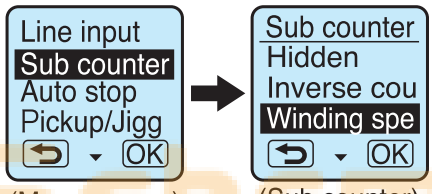
This option displays the winding speed actually measured while the electrical winding up is in action.

1. Press and hold both MEMO **BUTTON** and PICKUP **BUTTON** simultaneously for 2 seconds to go to the Menu screen.



2. Select the option "Sub counter" with the Jog Power Lever and press OK (MEMO **BUTTON**). Then, select "Winding speed display" and press OK (MEMO **BUTTON**).





(Menu screen) (Sub counter)

3. The winding speed will be displayed below the Water Depth counter.

*This is displayed only while electrical winding up is in action.



(Example of display)

ReelSchematic

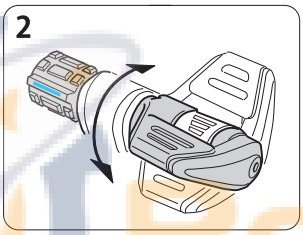
Functional setting [3. Sub counter]

Time to wind up

This option displays the timer roughly indicating the remaining time to auto stop at the boat side.
*A gap in the time may be caused by the fluctuation of the actual winding speed.

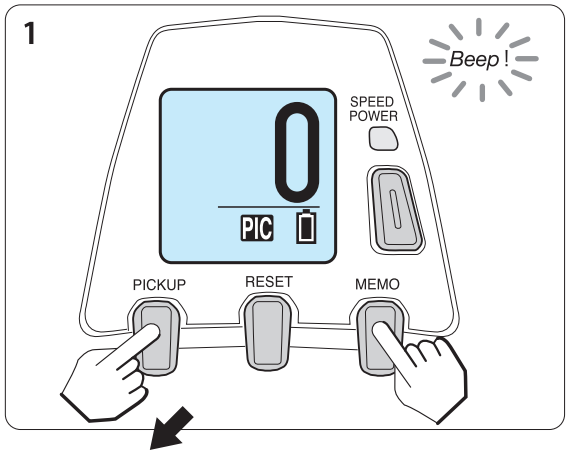
1. Press and hold both MEMO **BUTTON** and PICKUP **BUTTON** simultaneously for 2 seconds to go to the Menu screen.

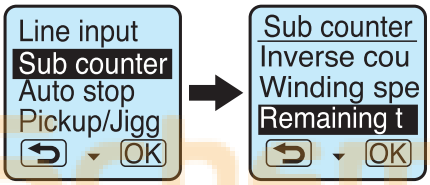
2. Select the option "Sub counter" with the Jog Power Lever and press OK (MEMO **BUTTON**). Then, select "Time to wind up" and press OK (MEMO **BUTTON**) .



3. The time to wind up will be displayed below the Water Depth counter.

*This is displayed only while electrical winding up is in action.





(Menu screen)

(Sub counter)



(Example of display)

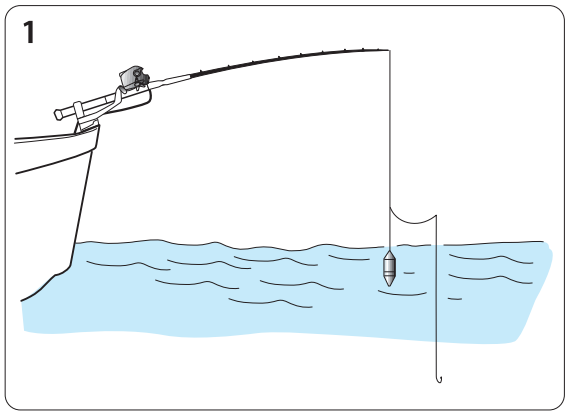
ReelSchematic

Functional setting [4. Before start fishing]

Water surface zero setting

Before you start fishing, always perform this zero setting to identify a more accurate depth of the strike zone for fishing.

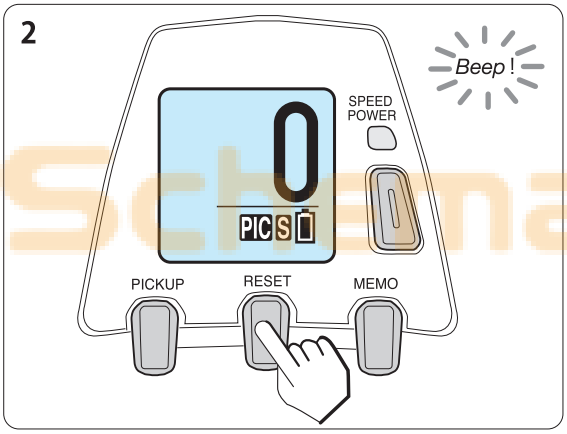
1. Connect the reel to the battery. Pass the line through all the guides, and prepare your terminal rig.



2. Lower the terminal rig to the water surface and press the RESET **BUTTON** .

The display resets to 0 and the indicator lamp S (auto stop) will turn on. Then the setup has been completed.
While electrical winding up is in action, winding will automatically stop at 6 ft before auto stop at the boat side.

*If this "Water surface zero setting" is not made, winding will automatically stop at 16 ft before the auto stop point for safety.
*After auto stop at the boat side, you can use the Jog Power Lever to wind up the line until the point where the counter indicates 0 ft. However, after the counter indicated 0 , the Jog Power Lever will be disabled to use to wind up the line, to prevent the rig from being accidentally wound up due to miss operation.



Attention

-When new line is wound up, or when line has been pulled under heavy tension, line stretch may cause a gap in the auto stop point at the boat side. Simply reset the surface setting to set it to zero.
-Depending upon the rolling of the boat or sinker weight, auto stop point can overrun slightly. Should this happen, increase the depth of the auto stop.
-Fishing at a depth over 100 m with a load largely fluctuating may cause a gap in the stop point. Thus, the terminal rig may be accidentally wound up and the rod may be broken. In such fishing, it is recommended to have sufficient margin in setting of auto stop point to avoid such events.

If the main line is broken

-Should your line break, revise data as follows.
Revise the data of the broken line. Wind the line to the rod tip while the reel is powered on. Then, press the RESET **BUTTON** for 2 seconds or more. When the display shows 0 , then your re-adjustment is completed.
*The line data will be overwritten (revised) by the procedure described above.
*Do not press and hold the RESET **BUTTON** , except for data correction of a broken line; it may cause an error in the counter.

Functional setting [5. Auto stop]

Adjustable stop setting

The auto stop point can be set to meet your own specific needs and ease your preparatory works such as checking and changing of baits and sinkers.

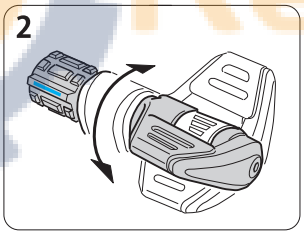
-You can set the auto stop point by setting the adjustable depth within the range 3 to 16 ft from the point where you pr(RESET) **BUTTON** (in 1 ft increments).
Especially in case of chumming, it is recommended to set the adjustable auto stop point so that a chumming bait sinker comes to your hand side when you raise your rod tip, for more convenient checking and changing of baits and sinkers.
Note that it is designed not to allow you to set the auto stop point to any value below 3 ft for safety reasons.
-In the case when you feel the auto stop point comes down due to line stretch, simply reset the counter to zero at the water surface.
-Note that the Jog Power Lever may not be allowed to manipulate around the auto stop point for safety reasons.

There are two different ways to set the adjustable auto stop; setting in the Menu screen and setting in the Water Depth screen.

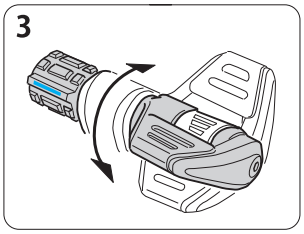
●Setting in the Menu screen

1. Press and hold both (MEMO) **BUTTON** and (PICKUP) **BUTTON** simultaneously for 2 seconds to go to the Menu screen.

2. Select "Auto Stop" with the Jog Power Lever and press OK ((MEMO) **BUTTON**).

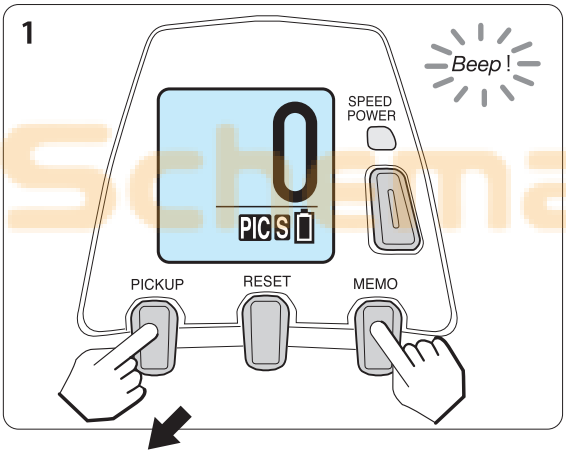


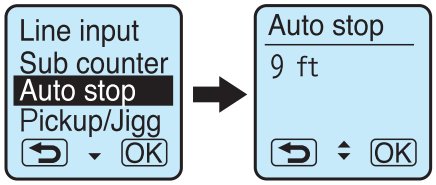
3. Then, select your desired auto stop point with the Jog Power Lever and press OK ((MEMO) **BUTTON**) to return to the Water Depth screen.



*You are not allowed to set the adjustable auto stop if you have not yet set the water surface zero setting. Be sure to carry out the water surface zero setting.

4. If you carry out electrical winding up after lowering the terminal rig, your terminal rig will automatically stop at the pre-set point.





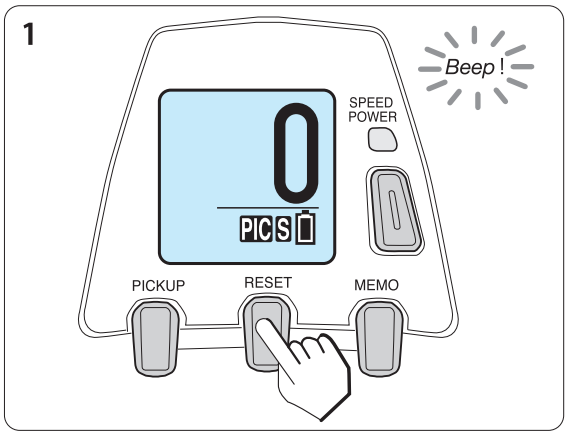
(Menu screen) (Example of display)

Functional setting [5. Auto stop]

●Setting in the Water Depth screen

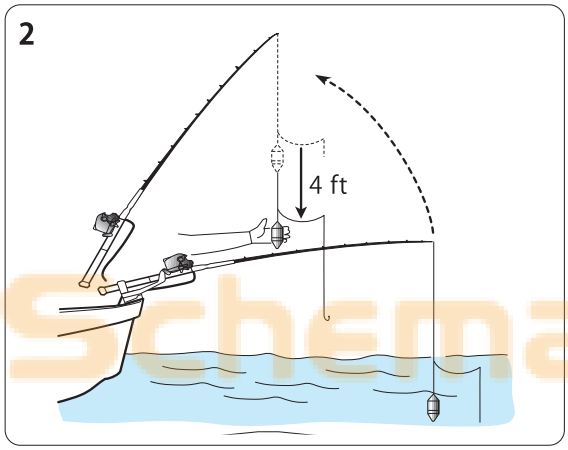
1. While the reel is powered on and your terminal rig is on the water surface, press the RESET **BUTTON** (water surface zero setting).

The display will show 0 .



2. Raise your rod tip and pull the line out adjusting the line length from the rod tip so that you can reach the rig easily.

In the figure, its length is 4 ft.



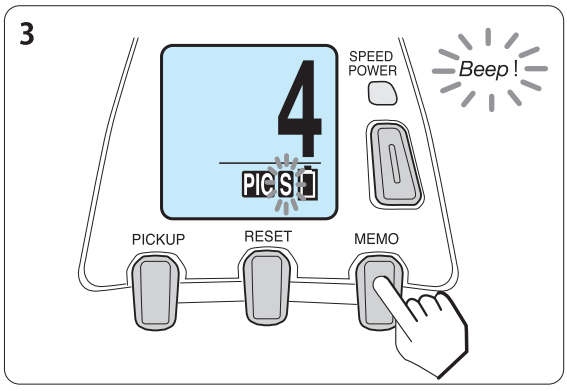
Use

Chumming

It is recommended to set the auto stop so that a chumming bait sinker comes to your hand side when you raise your rod tip, for more convenience for checking and changing of baits and sinkers.

3. When the line length has been properly adjusted, press and hold the MEMO **BUTTON** for about 2 seconds.

When the indicator lamp S (auto stop at boat) blinks, the setting is completed.
*Auto stop is set to 6 ft by default.
(If RESET **BUTTON** is not pressed, the reel stops at 16 ft)
*If the setting is completed, the indicator lamp S (auto stop at boat) will blink.



4. The electrical winding up automatically stops at the pre-set point. So, raise the rod tip to bring your terminal rig to your hand side.

Functional setting [6. Pickup / Pause]

Pickup

This is very useful. You can wind the line by the electric reel only while pressing the PICKUP **BUTTON**. The pickup speed is set to 15 by default. You can change it in the Menu screen.

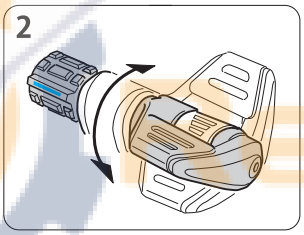
Pause

This is very useful. You can pause the electrical winding up only while pressing the PICKUP **BUTTON**. When you release the button, the reel restarts winding up at the speed specified by using the Jog Power Lever.

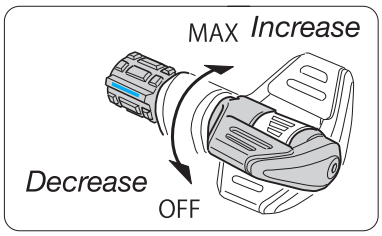
Pickup / Pause setting

1. Press and hold both MEMO **BUTTON** and PICKUP **BUTTON** simultaneously for 2 seconds to go to the Menu screen.

2. Select "Pickup/Jigging" with the Jog Power Lever and press OK (MEMO **BUTTON**). Then, select "Pickup" from the Pickup/Jigging options and press OK (MEMO **BUTTON**).

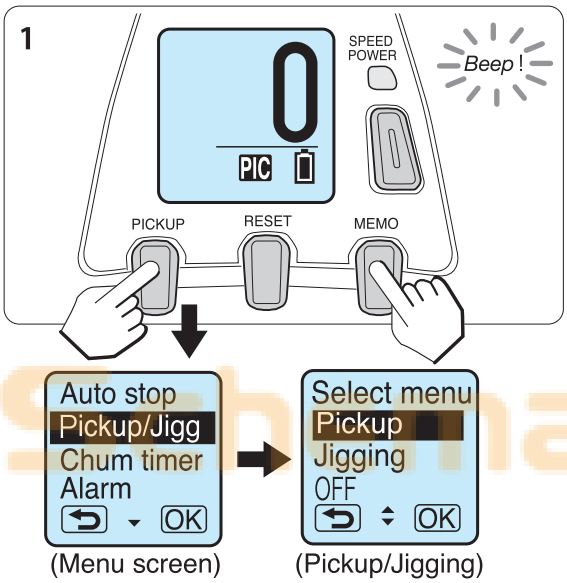


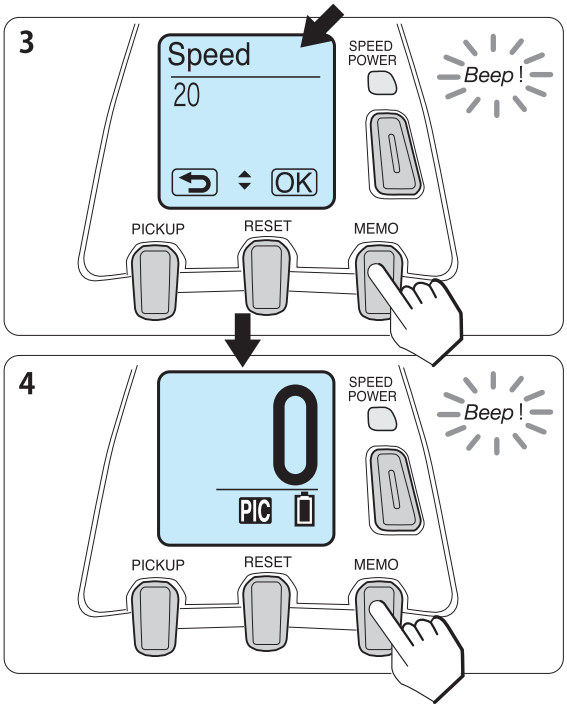
3. Set the speed with the Jog Power Lever.



You can set the speed to any value in the range from 0 to Hi (in the figure, the speed is set to 20). Set it to 1 to Hi to make the reel in the Pickup mode or otherwise set it to 0 to make the reel in the Pause mode.

4. Press OK (MEMO **BUTTON**) to return to the Water Depth screen. Now, the setting is completed.



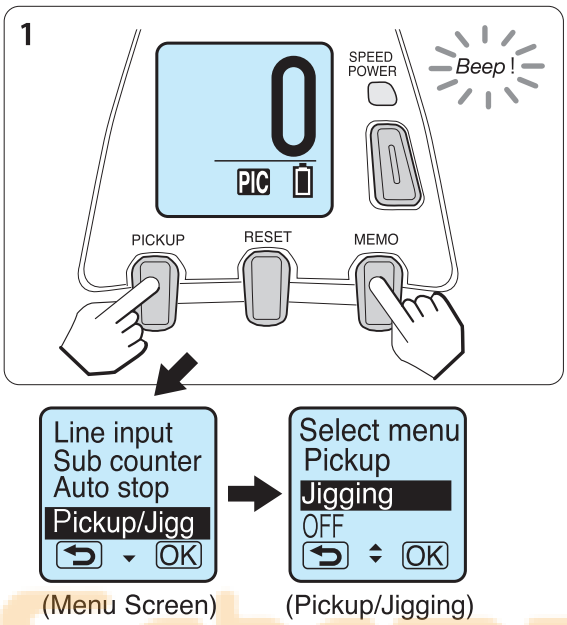


Functional setting [7. Jigging]

Jigging

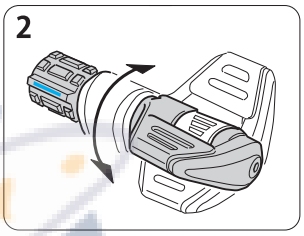
This function is useful to let the reel control the line so as to slack and jig the line to attract fish. Once you have set up this function, the reel starts jigging when you press the PICKUP **BUTTON** . You can adjust the jigging speed by using the Jog Power Lever.

1. Press and hold both MEMO **BUTTON** and PICKUP **BUTTON** simultaneously for 2 seconds to go to the Menu screen.



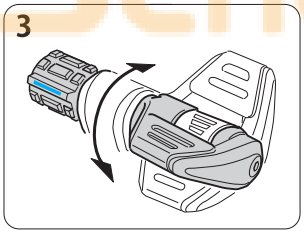
(Menu Screen) (Pickup/Jigging)

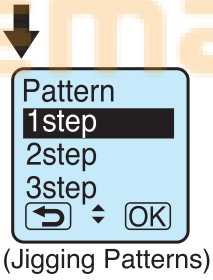
2. Select "Pickup/Jigging" with the Jog Power Lever and press OK (MEMO **BUTTON**) . Then, select "Jigging" and press OK (MEMO **BUTTON**) .



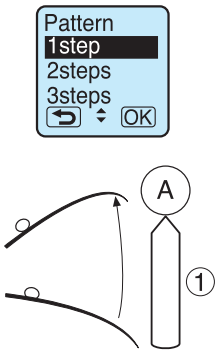
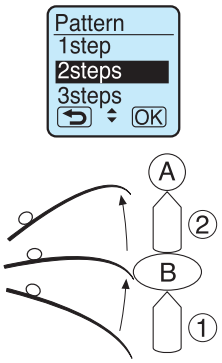
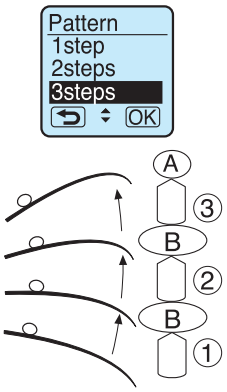
3. Select any pattern from the Jigging Pattern options with the Jog Power Lever and press OK (MEMO **BUTTON**) .

You can select the number of steps per a length of the line wound up in a single cycle of jigging.





(Jigging Patterns)

One-step jigging	Two-step jigging	Three-step jigging	Random jigging
			 Random jigging is the method in which the number of jigging steps from 1 to 3 is randomly and automatically selected by the IC system to attract fish. It is a marvelous auto jigging mechanism.

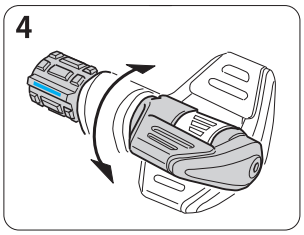
A : 4 seconds stop B : 0.4 seconds stop

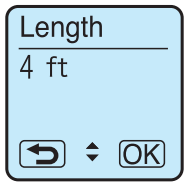
*In the figure, a rod is used to represent the jigging but actually the line is jigged and wound up by the reel.

Functional setting [7. Jigging]

4. Set the Jigging length with the Jog Power Lever and press OK (MEMO BUTTON) .

You can select the length of the line wound up in a single cycle of jigging (the length may slightly overrun its preset length depending on the sinker or winding speed).

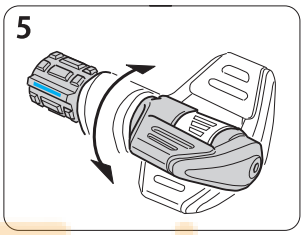


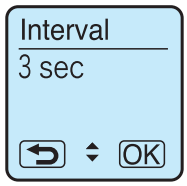


(Example of display)

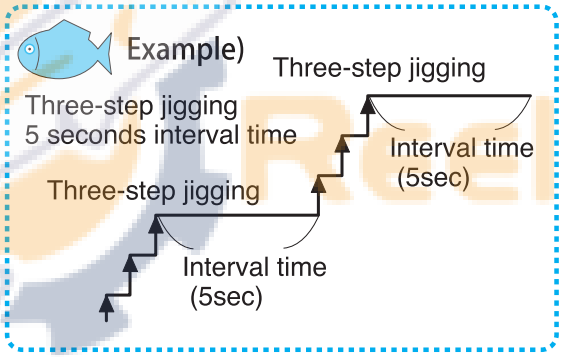
5. Set the interval time with the Jog Power Lever and press OK (MEMO BUTTON) .

You can select the interval time (waiting time) between jigging cycles.





(Example of display)

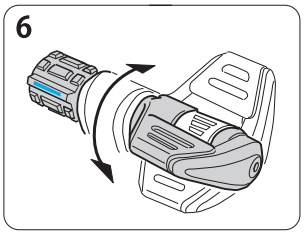


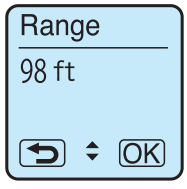
Attention

If the time preset to "chumming timer winding time" is shorter than the jigging time (in seconds), then the chumming timer setting takes priority to wind up the line.

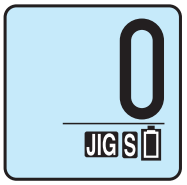
6. Set the jigging range with the Jog Power Lever and press OK (MEMO BUTTON) to return to the Water Depth screen. Now, the setting is completed.

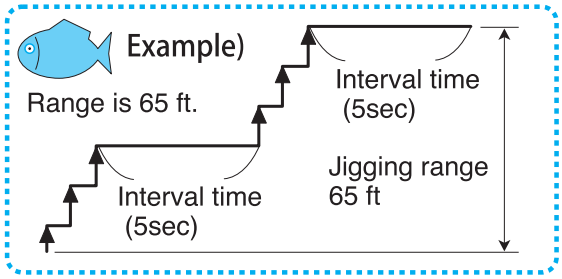
You can select the range of jigging.
*If you have set the range to OFF, jigging will be continuously performed to the auto stop point.
*If you have set the range to any value, jigging will be performed only for the specified range.





(Example of display)





ReelSchematic

Functional setting [7. Jigging]

7. After lowering the terminal rig, press the PICK UP **BUTTON** and set the jigging speed with the Jog Power Lever. Then, the reel will start jigging.

-The indicator JIG (Jigging) is blinking while the line is being wound up in the jigging mode.
-You can adjust the jigging speed with the Jog Power Lever.
-If you press the PICK UP **BUTTON** while jigging is in process, jigging will stop.

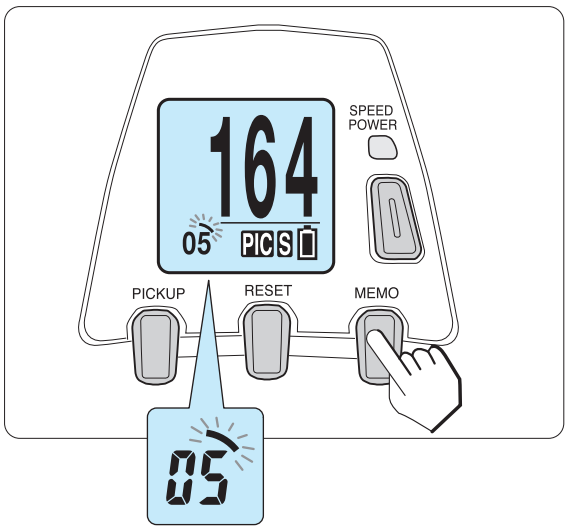
ReelSchematic

Functional setting [8. Chumming Timer]

Chumming Timer

The display shows precisely the time having elapsed every since the rig was dropped.
It is very helpful to determine the pace for checking and changing of baits and sinkers.

-The display shows the time having elapsed since lowering of the rig started. You can roughly estimate the timing to chum or collect the rig.
-If you have not pressed the MEMO **BUTTON** , the chumming timer automatically starts when the depth counter determined the depth 23 ft.



*The time is indicated in seconds if the remaining time is less than 60 seconds It is indicated in minutes if the remaining time is not less than 1 minute.
*The timer function may not be reset.

Attention

If you press the MEMO **BUTTON** *while chumming is in process, the timer indication will start from* 0 .

ReelSchematic

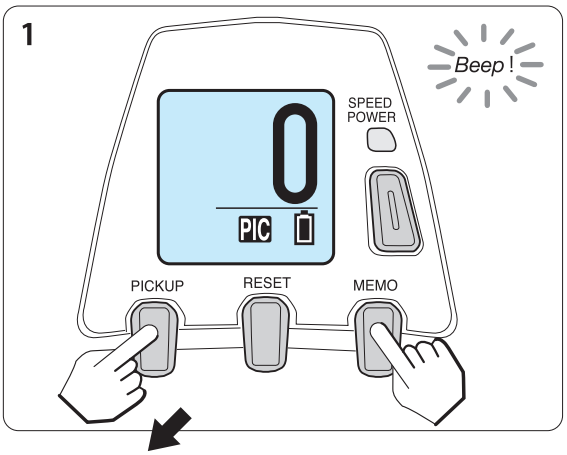
Functional setting [9. Timer winding]

Chumming Timer Winding

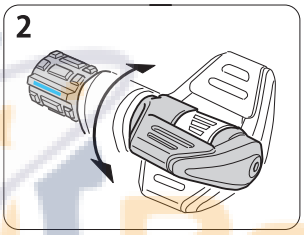
Professional fishing techniques of checking and changing of baits and sinkers for all levels including beginners! Once you have set the waiting time simply, the reel automatically starts winding up. You can enjoy fishing more effectively and easily.

-If you have set the waiting time for a single chumming to 5 minutes, the reel will automatically start winding up at a high speed to allow you to check and change baits and sinkers after preset 5 minutes have passed.

1. Press and hold both MEMO **BUTTON** and PICKUP **BUTTON** simultaneously for 2 seconds to go to the Menu screen.

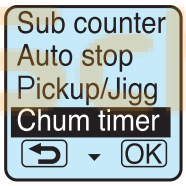


2. Select the "Timer Winding" with the Jog Power Lever and press OK (MEMO **BUTTON**) .



3. Select the waiting time (in minute) for checking and changing of baits and sinkers with the Jog Power Lever.

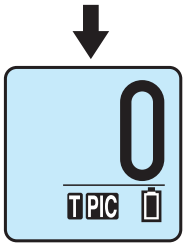
Turn the Jog Power Lever upward to increase the value. Or, turn it downward to decrease the value. (In the figure, the waiting time is set to 5 minutes)



(Menu screen)



(Example of display)



4. Press OK (MEMO **BUTTON**) . If the screen returns to the "Water Depth screen", then the setting is completed.

The indicator T (Timer) will light up on the screen.

5. The reel will automatically starts winding up the rig at its maximum speed when the preset time has elapsed while the clutch is powered on after lowering the terminal rig.

-An audible alarm will sound before the reel starts winding.
-If the clutch is powered OFF, the reel will not start automatic winding up.
-The chumming timer automatically starts when the depth counter determined the depth 23 ft. But, you can reset the timer once and restart it by pressing MEMO **BUTTON** .

Functional setting [10.Water depth recalibration]

Water depth recalibration

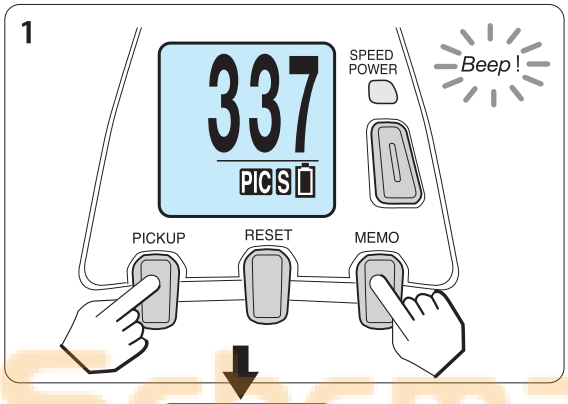
You can recalibrate the counter if it does not match the depth identified by the color markings on your line.

Use

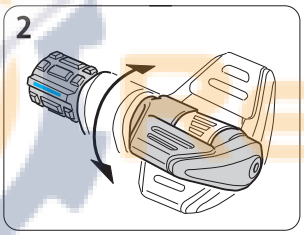
You can recalibrate the counter while you are fishing!

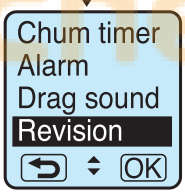
(Example) To recalibrate the counter to 328 ft (100 m) to comply with the depth identified as just 328 ft (100 m) by the color of the line, though the counter shows 337 ft (103 m).

1. When the water depth to be corrected is displayed, press and hold both MEMO **BUTTON** and PICKUP **BUTTON** simultaneously for 2 seconds to go to the Menu screen.



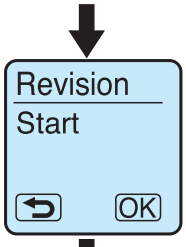
2. Select the "Water depth recalibration" with the Jog Power Lever and press OK (MEMO **BUTTON**) .





(Menu screen)

*The scrolling text 《Do you wish to continue?》 is displayed. If you confirm the choice, press OK (MEMO **BUTTON**) again.
*Any correction cannot be made if the water depth is less than 32 ft (10.0 m) .



3. Select your desired water depth with the Jog Power Lever and press OK (MEMO **BUTTON**) to return to the Water Depth screen.



(Example of display)

4. Now, the water depth has been corrected.



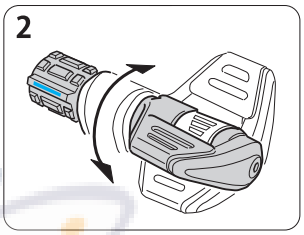
Functional setting [11. Actual fishing history]

Actual fishing history

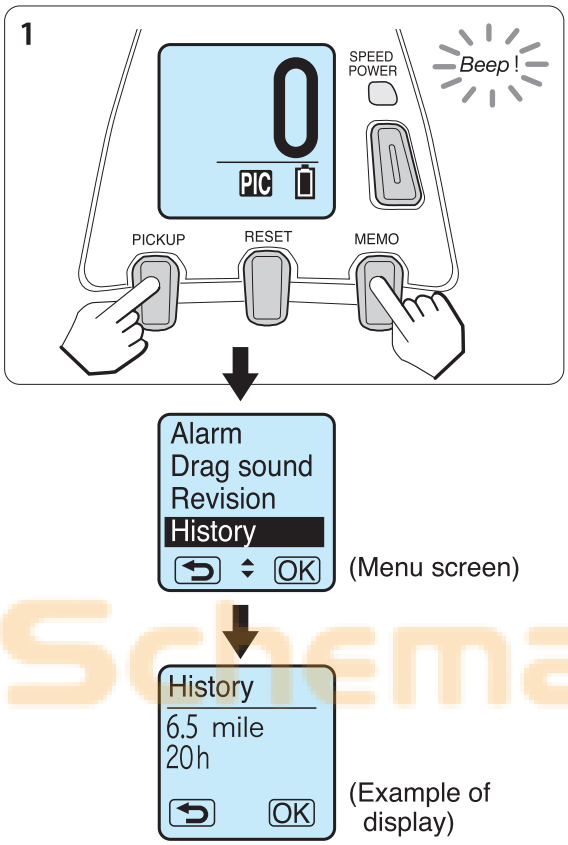
You can check the total winding distance and the total hours of fishing using the electric reel.

1. Press and hold both MEMO **BUTTON** and PICKUP **BUTTON** simultaneously for 2 seconds to go to the Menu screen.

2. Select the "Actual fishing history" with the Jog Power Lever and press OK (MEMO **BUTTON**).



3. You can check the total winding distance and the total hours of fishing using the electric reel. Press OK (MEMO **BUTTON**) to return to the Water Depth screen.

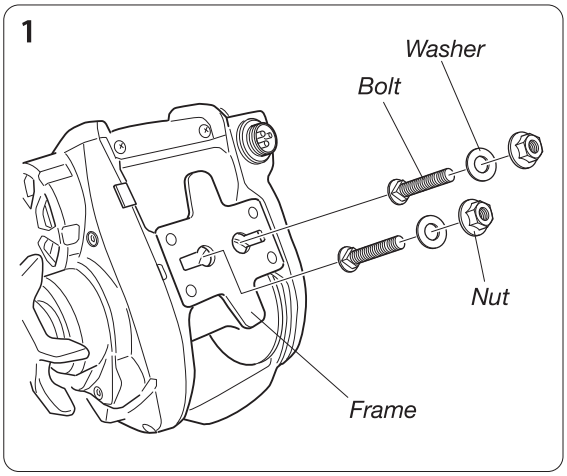


ReelSchematic

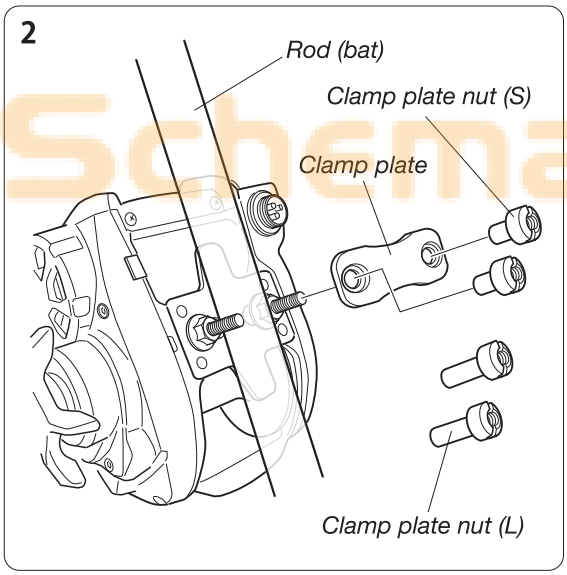
Functional setting [12. How to fix the rod with clamp]

For mounting a rod onto a metallic bat or for your fishing with a heavy load on the rod charge, always fix the rod with clamp.
*A rod bat 0.7” (18 mm) to 1.3” (34 mm) in diameter is allowed to be fixed with the rod clamp.

1. Insert the bolts onto the clamp setting holes on the frame and fix it using washers and nuts.



2. Set the reel on your rod. Put the clamp plate on the rod so as to clamp the rod. Fix them with the clamp plate nuts (S) or (L) according to the bat diameter.



Attention

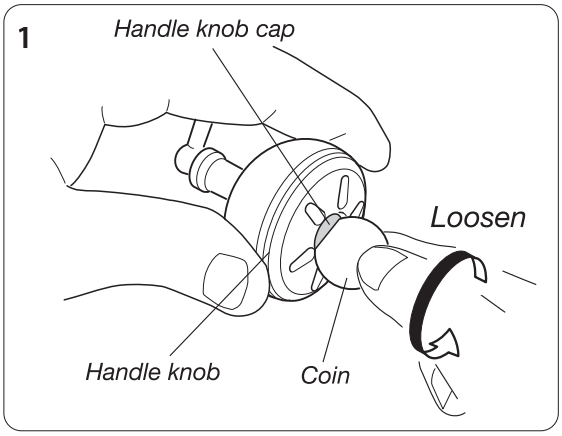
-If the nuts are tightened too tightly, there is a risk of deformation in the reel seat portion on the rod if the reel seat material is resin.
-Do not use the reel with bolts only fixed without any other parts fixed. It may cause a risk of injury on your fingers cut by the threading of the bolts.

ReelSchematic

Functional setting [13. How to remove the handle knob]

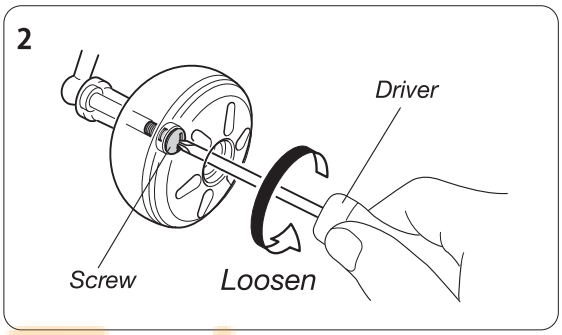
1. Holding the handle knob with your hand, loosen the handle knob cap by turning it counter-clockwise to loosen using a coin and remove it.

*Be sure to fit a coin properly onto the groove on the handle knob cap before turning it. Otherwise, the handle knob cap will be damaged while turning it.

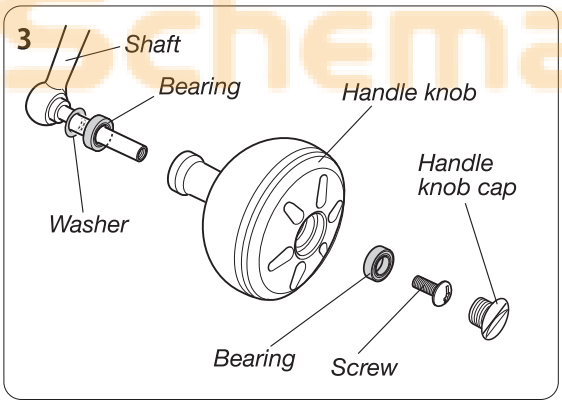


2. Loosen and remove the screw fixed inside of the knob using a screw driver.

*Note that the screw is coated with a slack preventing agent and it is hardly loosened. Be careful not to damage the screw head.



3. The handle knob is composed of as shown in the figure.



ReelSchematic

Functional setting [14. Other useful functions]

Various alarms

Many kinds of information are indicated by audible alarms such as auto stop alarm and range memory alarm.



Jog Power Lever alarm

-When you place the Jog Power Lever at MAX or OFF position, an alarm beeps to tell you its position.

Auto stop alarm

-While winding up, an alarm shortly beeps starting 19 ft below the auto stop point, at two meter intervals, to tell you that the rig is coming closer to the auto stop point. When it reached the auto stop point, an alarm sounds for longer.

Range memory alarm

-While lowering your rig back into the strike zone, an alarm shortly beeps starting 19 ft above the memorized depth range of the strike zone, at 6 ft intervals, to tell you that the rig is reaching closer to the strike zone. When the rig reached the strike zone, an alarm sounds for longer.

*This zone memory alarm is designed not to sound unless the line has been wound more than 19 ft above the memorized depth and the line is fed again for the purpose of preventing the alarm from frequently sounding while seeking the strike zone.

Switch alarm

-Each time a button is pressed, a beep is sounded to allow you to confirm that you have surely pressed a button (You can set this alarm to OFF in the setting of functions from the Menu screen).

Excessive voltage alarm

-If you connected a power source with a voltage higher than the acceptable range, a continuous alarm will sound to warn you to stop operation. DO NOT operate the reel with such battery.

Timer winding alarm

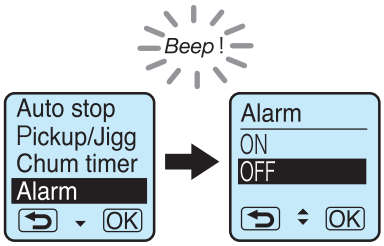
-This alarm sounds to tell you before starting a chumming timer winding.

Alarm sound ON/OFF setting

You can set the alarm sound to OFF.

-It is set to ON by default.
-Once the alarm sound has been set to OFF, the alarm will no longer sound even if you have pressed buttons or have used the power lever for operation.

1.Select “Alarm sound” in the Menu screen.
2.Select OFF with the Jog Power Lever.
3.Press OK (MEMO BUTTON). If the screen returns to the “Water Depth screen”, then the setting is completed.

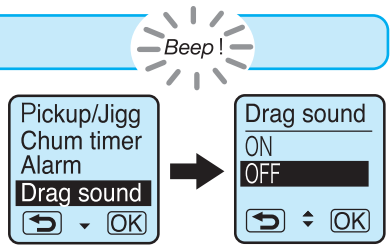


ReelSchematic

Functional setting [14. Other useful functions]

Drag sound ON/OFF setting

You can set the drag sound to OFF.

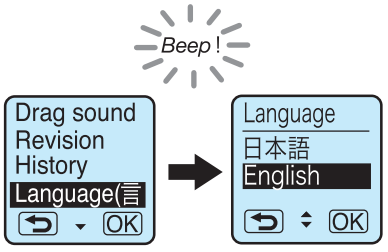


-It is set to ON by default.
-Once the drag sound has been set to OFF, the electronic beep will no longer sound even if the drag is pulled out.
1.Select “Drag sound” in the Menu screen.
2.Set the drag sound to OFF with the Jog Power Lever.
3.Press OK (MEMO **BUTTON**). If the screen returns to the “Water Depth screen”, the setting is completed.

Language setting

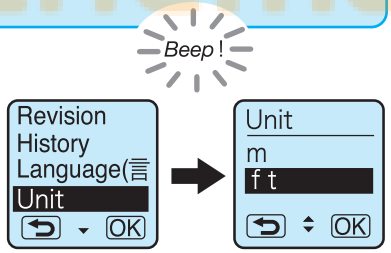
You can select Japanese or English for a language to be displayed on the LCD screen.

1.Select “Language” in the Menu screen.
2.Select your desired language with the Jog Power Lever.
3.Press OK (MEMO **BUTTON**). If the screen returns to the “Water Depth screen”, then the setting is completed.



Unit setting

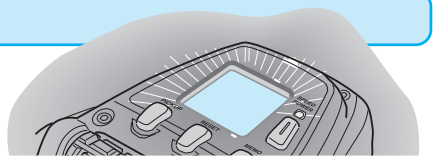
You can select “m” (meter) or “ft” (feet) for a unit to be used for the length.
*Note that the unit is represented in “m” (in meters) only when entering a value in “Main line input” even if “ft” (in feet) has been set for the unit.



Counter lamp

The lamp built in the counter always lights up.

-While the reel is powered ON, backlighting of the display always provides easier reading for fishing in the dark.



Circuit breaker display

The lamp built in the counter always lights up.

-For safety fishing, the circuit breaker is tripped by an overload onto the reel to stop electrical winding for 15 seconds. While the circuit breaker is tripped, it is displayed as shown in the figure.



(Indicator is blinking)

Reel Specifications

Reel Specification list

SEABORG800MJ

UPC CODE		0 43178 12527 4
GEAR RATIO		2.9:1
REEL WEIGHT		1,780 g (62.4 oz)
DRAG MAX		33 Kgf (73 lb)
LINE CAPACITY	PE (J-BRAID)	60 (lb) - 800 m (870 yds)
		80 (lb) - 600 m (660 yds)
		100 (lb) - 500 m (550 yds)
		120 (lb) - 400 m (440 yds)
	NYLON MONOFILAMENT	30 (lb) - 500 m (550 yds)
		40 (lb) - 350 m (380 yds)
BALL BEARINGS		22 (1 MAGSEALED)
POWER SUPPLY VOLTAGE		DC : 12V
MOMENTARY MINDING POWER		130 Kgf (285 lb)
NO-LOAD WINDING SPEED		155/65 (m/min) (Hi/Lo)
CURRENT VALUE	NO-LOAD	4 A
	RATED	7/5 A (Hi/Lo)
	MAX	20 A)

ReelSchematic

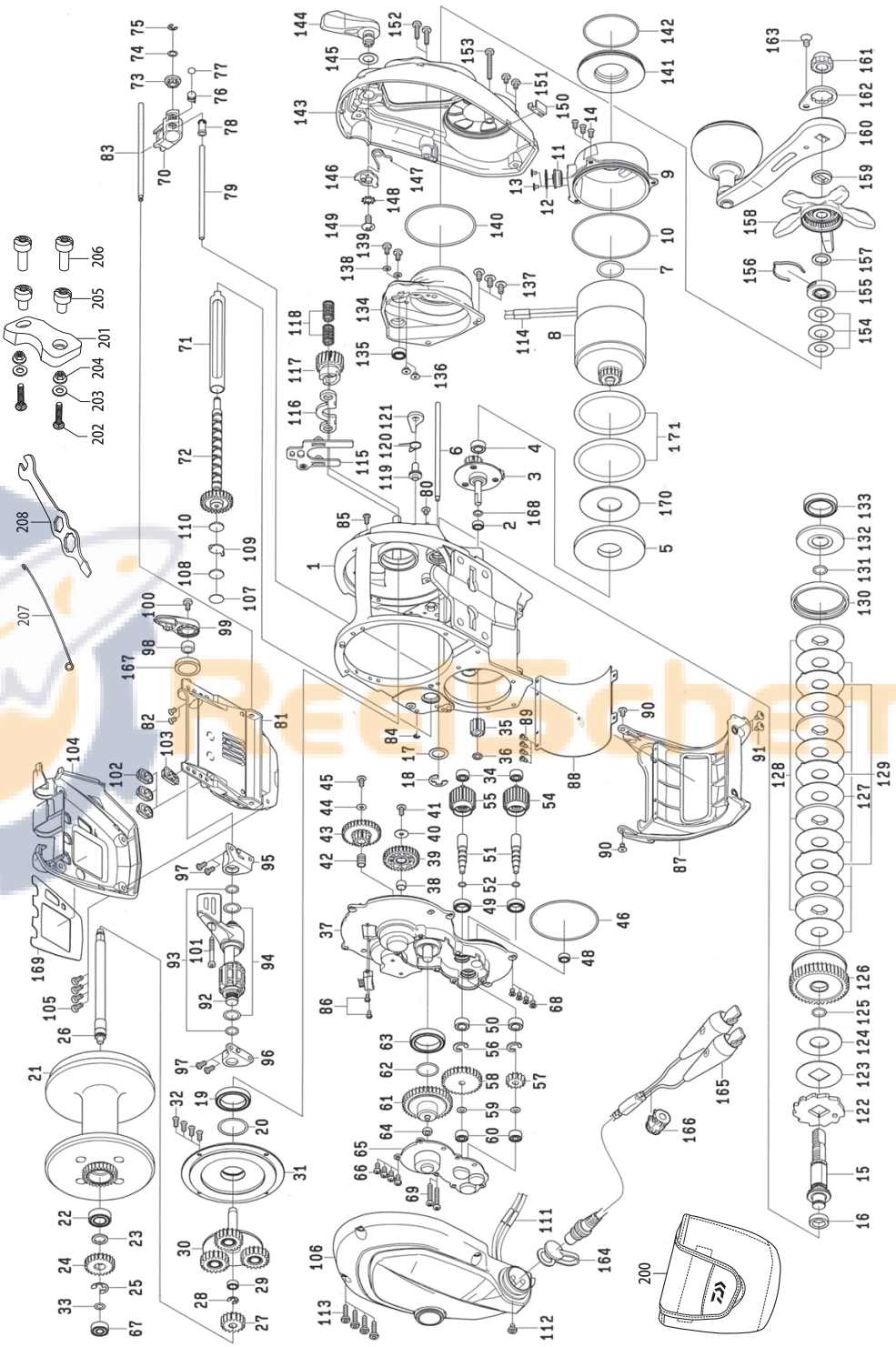
Counter display

Depth display range	Upper counter: 0 to 9,842 ft (3,000 m) Lower counter: - 9,842 ft (- 3,000 m) to 9,842 ft (3,000 m)
Usable temp. range	-50°F (-10°C) to +140°F (60°C)

*The specifications are subject to change without prior notice for product improvement.

PARTI DI RICAMBIO

SEABORG 800MJ



PARTI DI RICAMBIO

SEABORG 800MJ

No,	Parts No,	Parts Name	No,	Parts No,	Parts Name	No,	Parts No,	Parts Name
1	6J266601	FRAME	63	6E292701	IDLE GEAR (E) BALL BEARING	123	6J274101	RATCHET WASHER
2	6G469005	MOTOR GEAR (B) BALL BEARING	64	6G077201	IDLE GEAR (E) COLLAR	124	6J274201	DRIVE GEAR WASHER
3	6J267001	MOTOR GEAR (A)	65	6J270301	SET PLATE (B)	125	6H156901	GEAR SHAFT O RING
4	6B358605	MOTOR GEAR (A) BALL BEARING	66	6B557607	SET PLATE (B) SCREW	126	6J274301	DRIVE GEAR
5	6J267401	MOTOR PLATE	67	66372102	SPOOL SHAFT BALL BEARING (B)	127	6H470801	DRAG WASHER
6	6J267501	LINE GUARD POST	68	6E134508	SET PLATE SCREW (A)	128	6H470902	DRAG DISC WASHER
7	6G378001	MOTOR O RING (A)	69	6G785801	SET PLATE SCREW (B)	129	6H471002	DRAG LIP WASHER
8	6J267601	MOTOR	70	6J270401	LEVELWIND	130	6J274401	DRAG PACKKING
9	6J267901	MOTOR HOLDER	71	6J270701	WORM SHIELD	131	6H156901	DRAG O RING
10	6F595801	MOTOR HOLDER O RING	72	6J270801	WORM SHAFT	132	6J274501	DRAG COLLAR
11	6J268001	MOTOR HOLDER PACKING	73	6F467201	WORM SHAFT COLLAR	133	6G074101	HANDLE BALL BEARING
12	63737810	MOTOR HOLDER PACKING WASHER	74	6B411706	WORM SHAFT WASHER	134	6J274602	R/S COVER
13	6H531504	MOTOR HOLDER PACKING SCREW	75	63205901	WORM SHAFT RETAINER	135	6G314902	R/S COVER BALL BEARING
14	6E134509	MOTOR HOLDER SCREW	76	6J271201	PAWL	136	6G940405	R/S COVER BALL BEARING SCREW
15	6J268101	GEAR SHAFT	77	6G099800	PAWL WASHER	137	63516108	R/S COVER SCREW (A)
16	6G961301	GEAR SHAFT COLLAR	78	6J271301	LEVELWIND POST COLLAR	138	6G281401	R/S COVER SCREW (B) WASHER
17	63737800	GEAR SHAFT WASHER	79	6J271401	LEVELWIND POST	139	6H753305	R/S COVER SCREW (B)
18	6B013101	GEAR SHAFT RETAINER	80	6G940405	LEVELWIND POST COLLAR	140	6J326601	R/S COVER O RING
19	6E292701	SPOOL PLATE BALL BEARING	81	6J271502	IC MODULE	141	6J274801	MOTOR HOLDER PLATE
20	6F682600	SPOOL PLATE WASHER	82	6E134508	IC MODULE SCREW	142	6F465901	MOTOR HOLDER PLATE O RING
21	6J268301	SPOOL	83	6J271601	IC MODULE POST	143	6J274901	R/S PLATE
22	6J030301	SPOOL SHAFT BALL BEARING (A)	84	6B864101	IC MODULE POST RETAINER	144	6J275001	CLUTCH LEVER
23	6E154801	SPOOL SHAFT GEAR WASHER	85	6B557606	SENSOR SCREW (A)	145	6J268201	CLUTCH LEVER WASHER
24	6G675001	SPOOL SHAFT GEAR (B)	86	6H158201	SENSOR SCREW (B)	146	6F597901	CLUTCH CAM
25	63201611	SPOOL SHAFT GEAR RETAINER	87	6J275401	FINGER COVER	147	6J275301	CLUTCH CAM SPRING
26	6J268701	SPOOL SHAFT	88	6J275501	LINE GUARD	148	61608001	CLUTCH CAM WASHER
27	6J268801	SPOOL SHAFT GEAR (A)	89	6H585401	LINE GUARD SCREW	149	63538212	CLUTCH CAM SCREW
28	63201402	SPOOL SHAFT GEAR (A) RETAINER	90	6H455408	FINGER COVER SCREW (A)	150	6E286001	LINE PTOPPER
29	6G469005	SPOOL GEAR BALL BEARING	91	6F505702	FINGER COVER SCREW (B)	151	6H753305	R/S PLATE SCREW (A)
30	6J268901	SPOOL GEAR	92	6J271701	JOG POWER LEVER (A)	152	6H753308	R/S PLATE SCREW (B)
31	6J269501	SPOOL PLATE	93	6H714501	JOG POWER LEVER O RING	153	6H753309	R/S PLATE SCREW (C)
32	6E134505	SPOOL PLATE SCREW	94	6F956700	JOG POWER LEVER WASHER	154	6F673601	DRAG SPRING WASHER
33	6F352700	SPOOL SHAFT WASHER	95	6J291801	JOG POWER LEVER HOLDER (R)	155	6H691901	DRAG HOLDER
34	6E088005	MOTOR GEAR BALL BEARING	96	6J291901	JOG POWER LEVER HOLDER (L)	156	6H933201	DRAG HOLDER LEAF SPRING
35	6J269601	MOTOR GEAR (B)	97	6B557607	JOG POWER LEVER HOLDER SCREW	157	6H929501	HANDLE WASHER
36	6B411711	MOTOR GEAR (B) WASHER	98	6F590101	JOG POWER LEVER COLLAR	158	6J275601	STAR DRAG
37	6J269701	SET PLATE (A)	99	6J272101	JOG POWER LEVER (B)	159	6F863202	HANDLE COLLAR
38	6F573101	IDLE GEAR (A) COLLAR	100	6H753305	JOG POWER LEVER (B) SCREW	160	6J275801	HANDLE
39	6F592101	IDLE GEAR (A)	101	6J326101	JOG POWER LEVER SCREW	161	6G634603	HANDLE NUT
40	6F440201	IDLE GEAR (A) WASHER	102	6J272201	PUSH BUTTON	162	6B884703	HANDLE LOCK PLATE
41	6G940404	IDLE GEAR (A) SCREW	103	6J272301	SHIFT SWITCH BUTTON	163	6J316701	HANDLE LOCK PLATE SCREW
42	6G076501	IDLE GEAR (B) COLLAR	104	6J272502	IC MODULE COVER	164	6J184201	CONNECTOR CAP
43	6G673301	IDLE GEAR (B)	105	6G945801	IC MODULE COVER SCREW	165	6J323801	CODE
44	6B554302	IDLE GEAR (B) WASHER	106	6J403001	L/S PLATE	166	6G905401	FERRITE CORE
45	6G940404	IDLE GEAR (B) SCREW	107	6F673802	MECHANICAL BRAKE KNOB WASHER (A)	167	6J266901	JOG POWER LEVER RING
46	6G158601	SET PLATE O RING	108	6B175501	MECHANICAL BRAKE KNOB WASHER (B)	168	6H744801	MOTOR GEAR (A) SPRING WASHER
48	6G469005	SET PLATE BALL BEARING	109	6J056901	MECHANICAL BRAKE KNOB WASHER (C)	169	6J272603	IC MODULE COVER PLATE
49	6G522702	MOTOR GEAR SHAFT BALL BEARING	110	6G225103	MECHANICAL BRAKE KNOB WASHER (D)	170	6J581201	MOTOR WASHER
50	6B358605	SET PLATE GEAR BALL BEARING	111	6G079502	CODE COVER	171	6J581601	MOTOR O RING (B)
51	6J270001	MOTOR GEAR SHAFT	112	6H753305	L/S PLATE SCREW (A)	200	6X330001	REEL CASE
52	6H078001	MOTOR GEAR SHAFT O RING	113	6H753308	L/S PLATE SCREW (B)	201	6J014402	CRAMP PLATE
54	6G674101	MOTOR GEAR (HIGH)	114	6G079502	CODE COVER	202	6F187601	CRAMP SCREW
55	6G674401	MOTOR GEAR (LOW)	115	6J273501	SLIDE PLATE	203	6B937802	CRAMP SCREW WASHER
56	63208002	MOTOR GEAR SHAFT RETAINER	116	6J273701	CLUTCH PLATE	204	6F187801	CRAMP SCREW NUT
57	6G674001	IDLE GEAR (C)	117	6J273801	PINION	205	6J415801	CRAMP PLATE NUT (SHORT)
58	6G673901	IDLE GEAR (D)	118	6G473401	CLUTCH PLATE SPRING	206	6J415802	CRAMP PLATE NUT (LONG)
59	6F889103	IDLE GEAR WASHER	119	6F773001	STOPPER PIN	207	6X090801	LINE THROUGH
60	6E088005	IDLE GEAR BALL BEARING	120	6G677701	STOPPER SPRING	208	6G626201	DRIVER
61	6J270101	IDLE GEAR (E)	121	6J566301	STOPPER	209	6Y595601	MANUAL
62	6G672401	IDLE GEAR (E) O RING	122	6J273901	RATCHET			

Ci può essere a volte una differenza tra il mulinello acquistato e la Tabella parti smontate o l'elenco delle parti di cui sopra a causa del processo di regolazione ecc.
Grazie per la vostra comprensione.

Trouble shooting

Symptom	Possible causes	To do	Ref. page
Motor does not respond to the power lever.	The counter displays 0 ft.	It is a normal function to avoid over winding.	P30
	Did not pull the lever to OFF position.	Pull the lever to OFF and then move forward again to start winding.	P13
	Unstable power source.	Use another power source, such as electric reel specific batteries.	P9
Counter display does not appear.	Battery charge is low.	Recharge the battery.	P9
	Cord worn or corroded.	Replace the cord.	P11
	Incorrect battery connection.	Connect clips correctly without + / - reverse connection.	P8
Auto stop function does not work.	Did not press RESET BUTTON at surface.	Set the surface depth to zero after setting rig.	P30
	Error for sinker weight or rocking of the boat.	Adjust settings of auto stop function.	P31
	Line is elongated.	Reset the depth counter at the surface.	P30
There are counter errors.	Line length has increased due to stretching.	Re-enter line data.	P17~26
		Recalibrate the water depth.	P39
	Line was wound while powered off during fishing.	Re-enter line data.	P17~26
	RESET BUTTON was pressed and held while feeding the line.	Re-enter line data.	
Pickup does not respond.	Speed setting is at zero.	Go to the Menu screen to set the Jigging again.	P33
	Distance is already below +9 ft from auto stop.	Designed not to wind in this range for safety.	P33
Jigging function does not respond.	Power lever is at OFF.	Set the jigging speed with the Jog Power Lever.	P34~36
	Pickup mode is selected.	Go to the Menu screen to set the Jigging.	

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

ReelSchematic

Reference/Référence/Hinweis Instrucciones/Riferimenti

COMPANY NAME	DAIWA SPORTS LIMITED
ADDRESS	Netherton Industrial Estate, Wishaw ML2 0EY, Lanarkshire,Scotland, U.K.
TEL NO.	01698-355-723
Web Address	http://www.daiwasports.co.uk/

COMPANY NAME	DAIWA FRANCE S.A.S
ADDRESS	25 BOULEVARD INDUSTRIEL BP 30208 76304 SOTTEVILLE LES ROUEN CEDEX. FRANCE
TEL NO.	02-32-91-96-50
Web Address	http://www.daiwa-france.fr/

COMPANY NAME	DAIWA CORMORAN SPORTARTIKEL-VERTRIEB GmbH
ADDRESS	Industriestrasse 28 82194 Groebenzell GERMANY
TEL NO.	08142-5005-0
Web Address	http://www.daiwa-cormoran.info/

COMPANY NAME	Daiwa Corporation
ADDRESS	11137 Warland Drive Cypress, CA 90630
TEL NO.	+1-(562) 375-6800
Web Address	http://www.daiwa.com/

COMPANY NAME	Daiwa Australia Pty. Ltd
ADDRESS	Unit K, 134 – 140 Old Pittwater Rd, Brookvale NSW 2100
TEL NO.	+61 (02) 8644 8644
Web Address	http://daiwafishing.com.au/

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

TERMINOS DE GARANTÍA LIMITADOS

La garantía caducará cuando algo de lo siguiente se haya sido superado.
*Un año de la fecha de la compra original
*200 horas totales de uso