

# **GR-2.4D-FCC**

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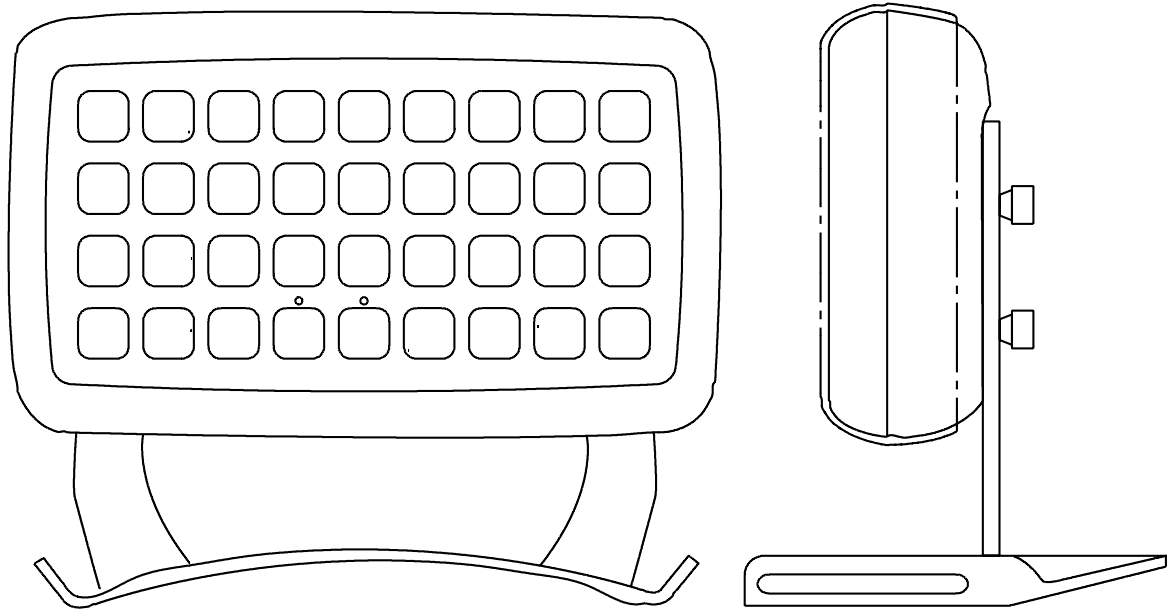
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# SPECIFICATION

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## Radio Control Device

### Radio Control Transmitter



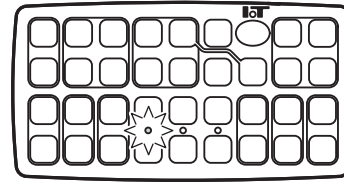
- ◆ Proof Type..... Rainproof
- ◆ Power Source..... Size C Dry battery (2 pieces)
- ◆ Continuous Service Time..... (Alkaline battery: about 50 hours)  
(Manganese dry battery: about 25 hours)  
(Ni-cad battery: about 14 hours)
- ◆ Working Radius..... 100m (In a good condition))
- ◆ Operating Temperature Range.....  $-10^{\circ}\text{C}$  to  $+60^{\circ}\text{C}$
- ◆ Mass..... 0.6kg

## SAFETY MECHANISM

### Low Battery Alert Function

When the battery gets low, the Power Indication Lamp flashes.

Once the Indication lamp starts flashing, it is possible to keep using the battery for about 2 hours.



Power Supply Display flashes.

### Auto Power Off Function

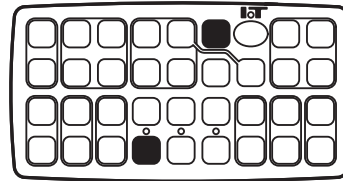
If the radio control transmitter is left without pressing any switch for more than 1 hour, the power will be automatically turned off.

Please cancel this function, if you do not wish to press any switch for more than 1 hour in automatic operation.

#### How to Cancel

Press the "POWER" switch with pressing the "UP" switch simultaneously.

In order to reset this function, turn off the power once and then turn on the power again.



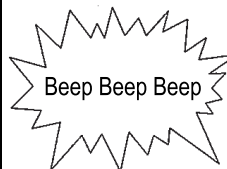
How to Cancel

Press the "POWER" switch while pressing the "UP" switch.

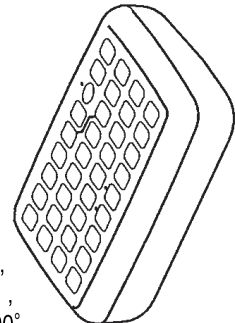
### Deadman Function (Radio Control Transmitter)

If the radio control transmitter inclines forward by more than 120°, backward by more than 60° or rightward/leftward by more than 90° as the operator trips over, etc., a beep sound is generated and transmission is stopped.

Turn OFF the power of the radio control transmitter once, and then ON again to reset it.

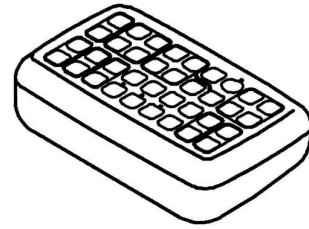


Transmission stops if the transmitter inclines forward by more than 120° , backward by more than 60° , and right/left by more than 90° .



## PREPARATION

### Preparation for Radio Control Transmitter



1. Push the battery cover in the direction of the arrow. When dismantling the cover, unlock it first.

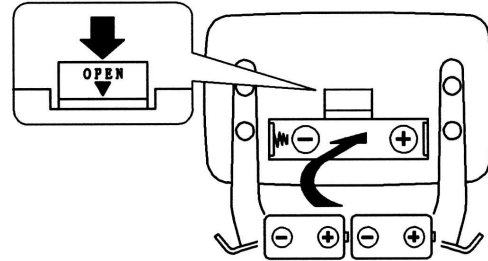
Set two Size C batteries.

**CAUTION**

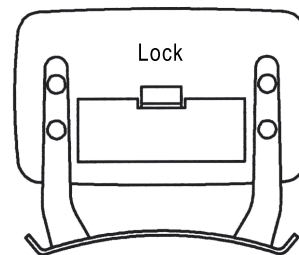
**When setting batteries, check the polarities (+ and -) carefully.**

**CAUTION**

**Check that there is no dust, dirt and water, and mount the batteries securely.**

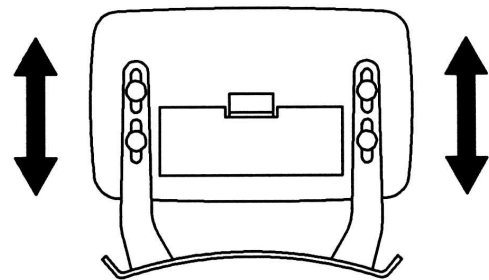


2. Mount the battery cover and lock it securely.



3. Loosen the knurling knobs and set the radio control transmitter at an easily accessible position.

After setting, tighten the knurling knobs.

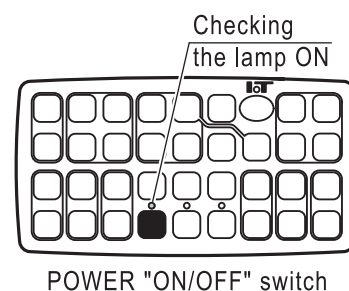


4. Press the POWER "ON/OFF" switch for 1 second or more to turn ON the power of radio control transmitter.

At this time, the power supply display is turned ON.

To turn OFF the power of radio control transmitter, press the POWER "ON/OFF" switch for 1 second or more.

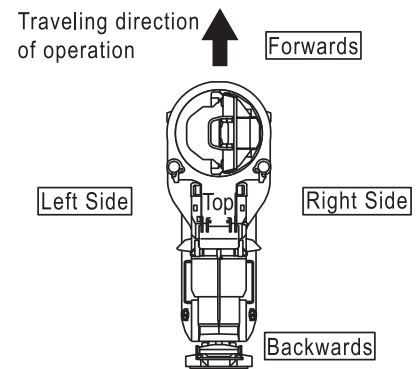
At this time, the power supply display is turned OFF.



**The above procedure has finished preparation for radio control transmitter.**

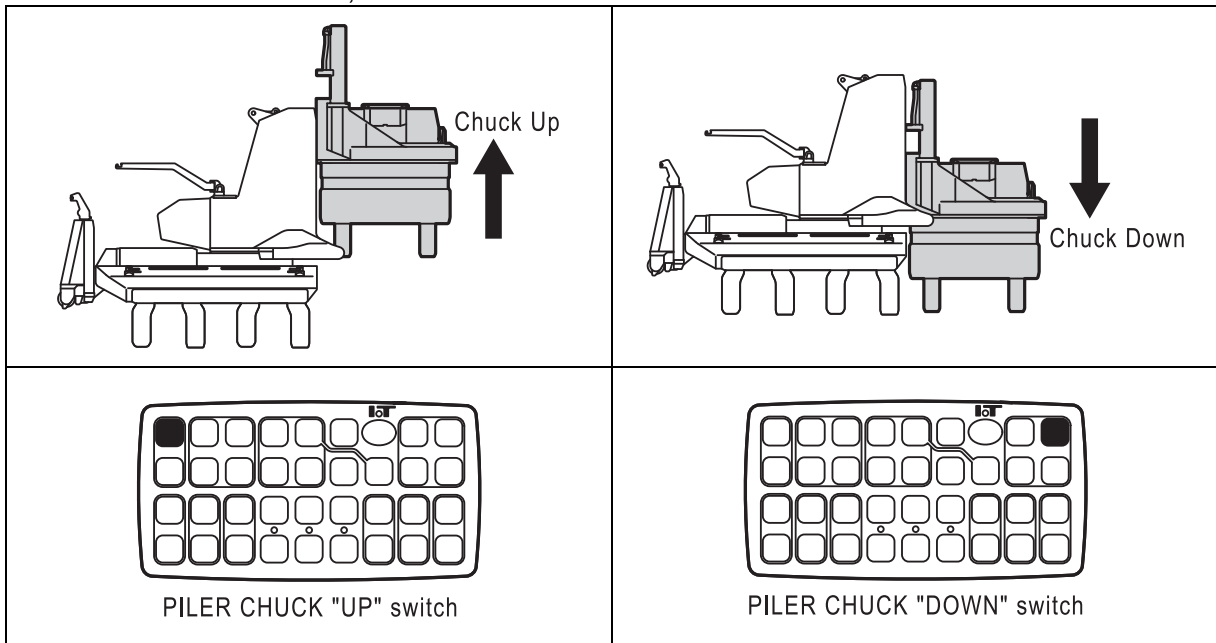
# OPERATIONS INSTRUCTIONS

## In the case of Silent Piler



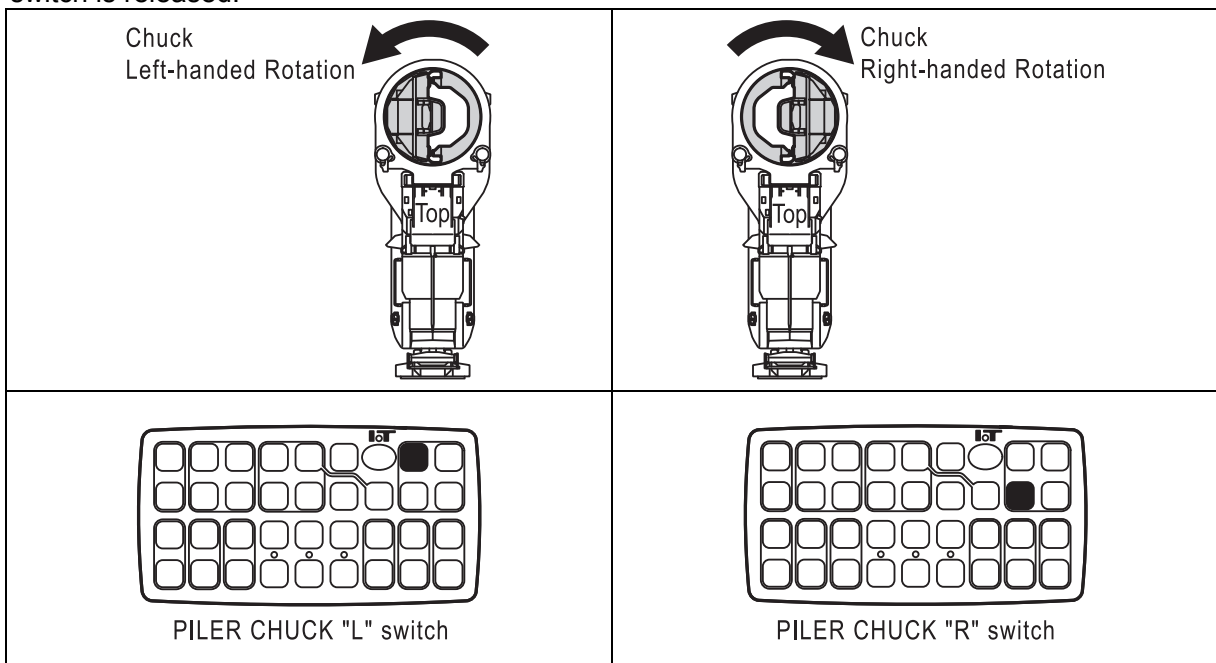
### Chuck Up/Down

The command is valid, while the switch is being pressed. The command will be cancelled, if the switch is released.



### Chuck Rotation

The command is valid, while the switch is being pressed. The command will be cancelled, if the switch is released.

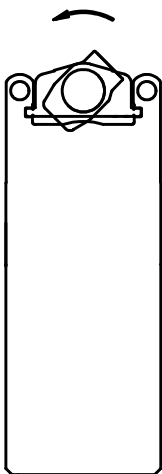


# OPERATIONS INSTRUCTIONS

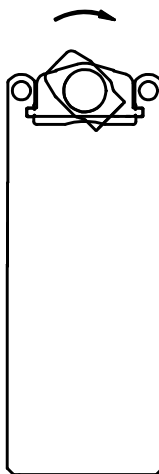
## In the case of Crane

### No.1 Clamp Turn

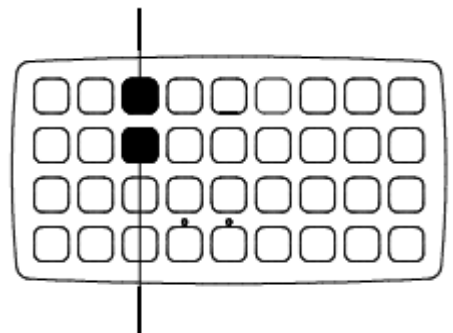
Left Turn



Right Turn

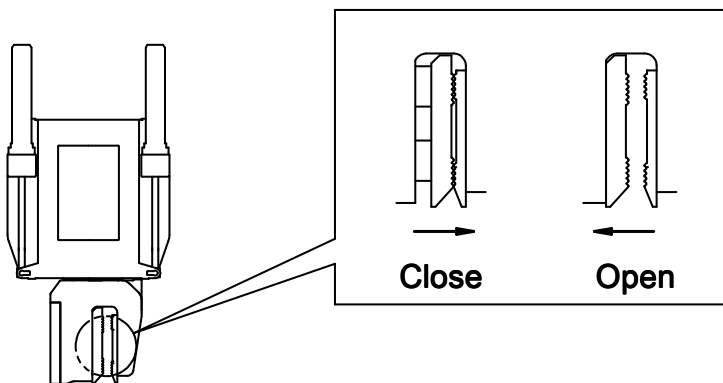


Left Turn

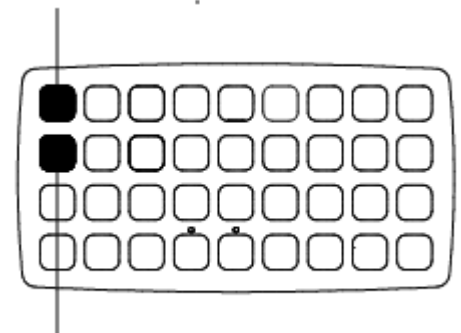


Right Turn

### No.1 Clamp Open/Close

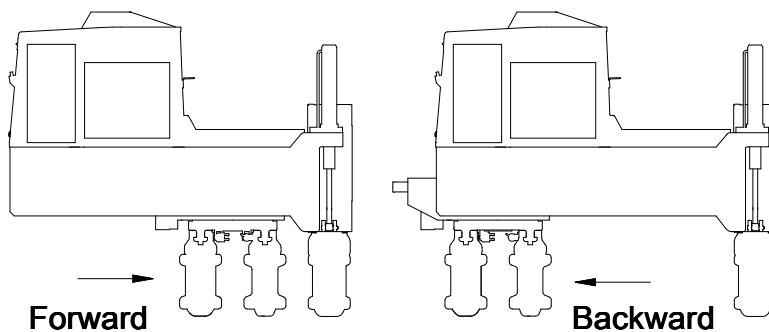


Open

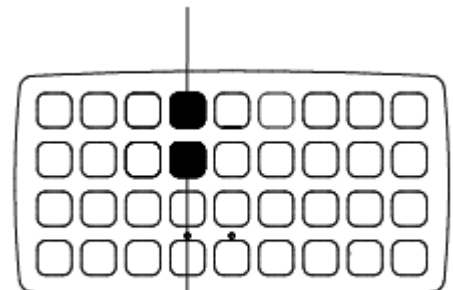


Close

### No.2,3 Clamp Forward/Backward



Forward



Backward

## FCC Regulatory Statement

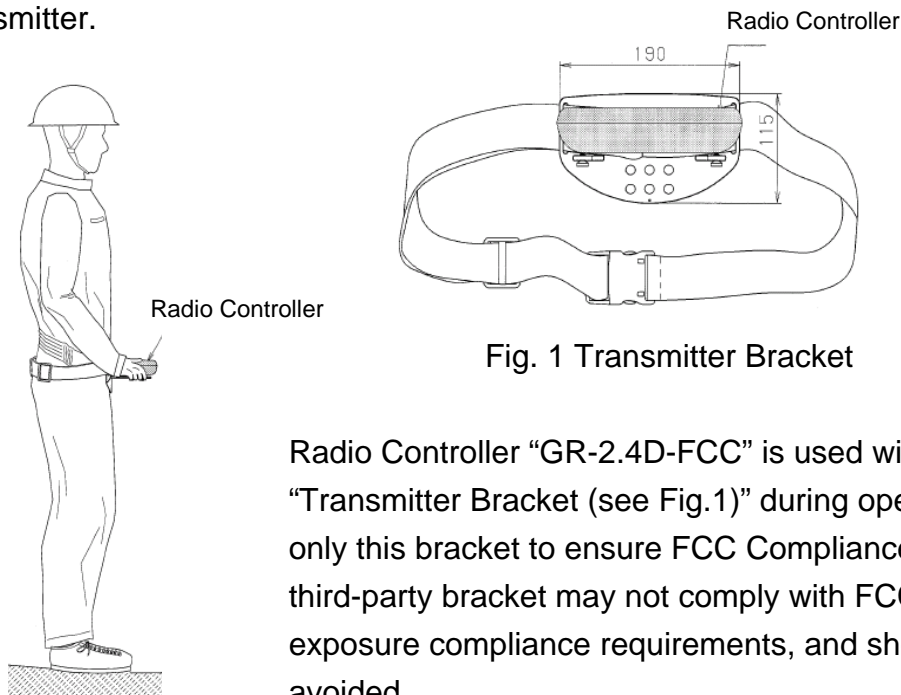
This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation.

### Caution:

Any changes or modifications not expressly approved by the party responsible for product compliance could void the user's authority to operate the equipment.

### Caution Exposure to radio frequency radiation

To comply with FCC RF exposure compliance requirements, this device must not be co-located or operating in conjunction with any other antenna or transmitter.



Radio Controller "GR-2.4D-FCC" is used with "Transmitter Bracket (see Fig.1)" during operation. Use only this bracket to ensure FCC Compliance. The use of third-party bracket may not comply with FCC RF exposure compliance requirements, and should be avoided.