

# Battery Charge Dock for RTR-601



## RTR-6BD User's Manual

### Safety Precautions and Instructions




The following items should be strictly obeyed for the safe usage of this product, and for protecting yourself and other people from bodily harm and/or damage to property.

### Explanation of Symbols




















#### <Warning Symbols>

 <b>DANGER</b>	Failure to follow the instructions with this symbol could cause serious injury or even death.
 <b>CAUTION</b>	Failure to follow the instructions with this symbol could cause personal injury or physical damage to equipment.

#### <Picture Symbols>

	Denotes an important warning or caution.		Denotes a forbidden action.		Denotes an action that should be carried out.
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### **DANGER To Prevent Serious Accidents**

-  Do not place metal or other foreign objects on the unit. Doing so may cause heat or fire, which can lead to serious injury or damage.
-  If you have a pacemaker, please consult your doctor before using this product. Also, when using this product, make sure that there is ample distance between the unit and the pacemaker. Electromagnetic waves can interfere with the operation of your pacemaker.
-  Do not disassemble, repair or modify the unit and accessories.
-  Do not use the unit in any environment that is exposed to chemicals and harmful gases. Doing so may cause corrosion and/or other danger to the unit. Also, coming in contact with hazardous substances may cause bodily harm to the user or people nearby.
-  This product is not water resistant. Do not use the unit in any place exposed to liquids, such as water and oil, and/or areas with high humidity. If the unit gets wet, immediately unplug the AC adaptor and stop using.
-  Do not handle the unit or the plug with wet hands.
-  This product has been designed for private and/or industrial use only. It should not be used in situations where strict safety precautions are necessary such as with medical equipment, or in systems directly or indirectly connected with human life or well-being.
-  Do not drop or expose the unit to a strong impact.
-  Do not connect any communication cables connected to the unit to telephone line outlets. Continued use may cause fire or electrocution.
-  Do not cut or process power cords or cables. Also, do not twist, pull or swing any of the cords or cables.
-  To prevent damage to the unit from static electricity, remove static electricity from your body by touching metal around you (such as a door knob and window frame) before touching the unit.
-  Place and store the unit and accessories out of the reach of children.
-  Do not place the unit near precision equipment such as a magnetic cards, magnetic recording media, and/or watches. Electromagnetic waves can cause loss of or damage to your important data.
-  Make sure to place the unit on a flat, stable surface during the charging process. Placing the unit on an unstable surface may result in injury or damage to the unit from falling.
-  We are not responsible for any damage, malfunction or trouble, whether direct or indirect, caused by the use of our product.
-  Do not use any power or cables other than those specified by T&D Corporation.
-  Do not place objects on the unit. This may cause overheating.
-  Do not disconnect the USB cable during USB communication. Doing so may cause adverse effects to the unit and/or PC.
-  Make sure that power and cable plugs are inserted fully, so as not to cause an improper connection. Also, when unplugging the cable from the unit, do not pull the cord, but hold the connector to disconnect.
-  If the unit produces heat, emits smoke or a strange smell, or makes unusual noises, immediately unplug the AC adaptor and stop using it. Also, disconnect the unit from the PC.

### **CAUTION Do not place or store in the following areas:**

- Areas exposed to direct sunlight
- Areas subject to direct flames or heaters, as well as areas in which hot air accumulates and creates extremely high temperatures
- Areas exposed to static electricity
- Areas exposed to strong magnetic fields
- Areas exposed to dampness
- Areas subject to condensation or wet areas
- Unstable areas exposed to vibration
- Areas exposed to excessive smoke, dust or dirt.

### **CAUTION Other Precautions**

- Use the unit in the specified operating environment. Do not use it for any purpose other than for which it was designed.
- When connecting the unit to your PC, make sure to follow all warnings and directions from your computer manufacturer.
- We shall not guarantee the unit's operation if it has been connected to a PC using a USB hub or a USB extension cable.
- Do not insert any foreign objects into any of the units' jacks.
- If the unit gets dirty, wipe it with a clean cloth.
- Make sure to remove dust and dirt from plugs of any cables.
- If charging the battery interferes with your TV or radio, move the unit at least one meter away and try charging again.

### Important Notices and Disclaimers

In order to properly use this product, please carefully read all attached documents before using. T&D Corporation accepts no responsibility for any malfunction of and/or trouble with this product or with your computer that is caused by the improper handling of this product and will deem such trouble or malfunction as falling outside the conditions for free repair outlined in the attached warranty.

All rights of the attached documents belong to T&D Corporation. It is prohibited to use, duplicate and/or arrange a part or whole of the attached documents without the permission of T&D Corporation.

All registered trademarks, company names, product names and logos mentioned herein or for products being used are the property of T&D Corporation or of their respective owners.

Specifications, design and other contents outlined in the attached documents are subject to change without notice.

Please follow the safety precautions outlined in the attached documents carefully. We cannot guarantee nor are we responsible for safety if this product is used in any manner other than was intended.

On-screen messages in the attached documents may vary slightly from the actual messages.

Please notify the shop where you purchased this product or T&D Corporation of any mistakes, errors or unclear explanations in the attached documents.

T&D Corporation accepts no responsibility for any damage or loss of income caused by the use of our product.

Accompanying documents cannot be reissued, so please keep them in a safe place.

Please read the warranty and provisions for free repair carefully.

**RTR-6BD is the battery charger dock for the RTR-601 Series data loggers.**

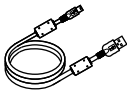
**It also acts as a USB communication interface dock between the RTR-601 and PC for registration and setup of the RTR-601.**

- RTR-6BD is referred to as simply the "dock" in this document.
- RTR-601 Series is referred to as simply "RTR-601" or "Remote Unit" in this document.
- To use RTR-601 as a Remote Unit, it is necessary to have any of the compatible Base Units: RTR-500NW, RTR-500AW, or RTR-500.

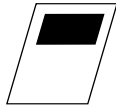
### Accessories Included in Package



AC Adaptor  
(AD-0605)



USB Cable  
(US-15C)

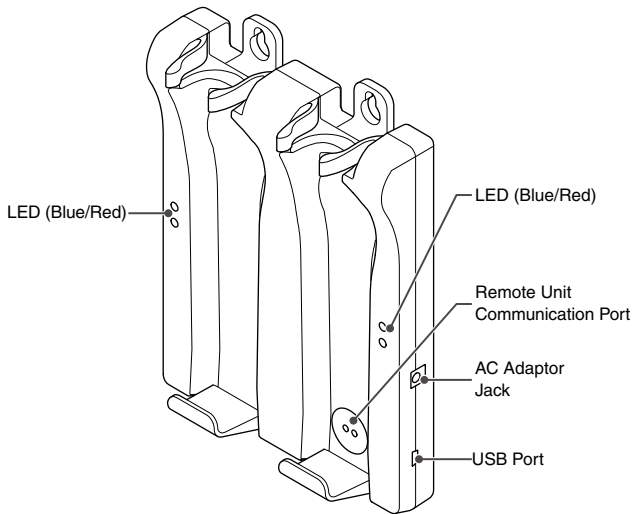


User's Manual  
(Warranty Included)



Wall Mount  
Screws  
(x 3)

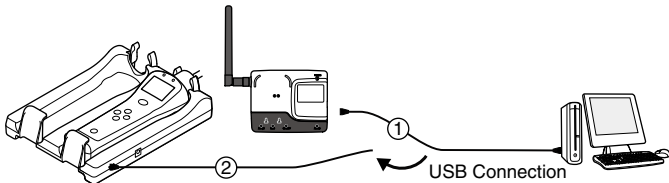
### RTR-6BD Part Names



**⚠ Before placing the RTR-601 into the dock, make sure that RTR-601 is not greasy or dirty as the dock is not waterproof and cannot be washed.**

### Use for Remote Unit Registration

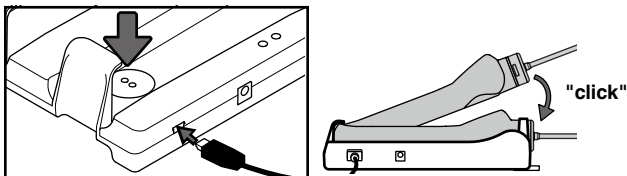
To register the RTR-601 as a Remote Unit to the Base Unit, install the software "RTR-500W for Windows" included with the RTR-500NW / 500AW, and follow the directions as they appear to complete the registration and setup process.



When the [Connect a Remote Unit] dialog box appears, unplug the USB cable from the Base Unit (1) and plug it into the dock (2).

**⚠ Place the RTR-601 into the right side (with communication port) of the dock.**

**⚠ Make sure to push down on the RTR-601 until you hear a "click" sound.**



\* For details about Remote Unit registration and setup, see [RTR-500NW/500AW Introductory Manual for Use with RTR-601 Series (PDF)] that is available for download from T&D Website. [HOME > Support > Downloads > Manuals]

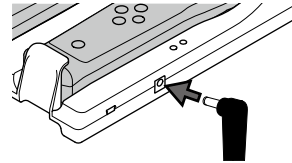
### Use as a Battery Charger

- ⚠ Make sure to charge the battery on a flat surface without vibration. Placing the dock on an unstable surface may result in injury or damage from falling.**
- ⚠ Battery cannot be charged by USB bus power. Make sure to use the AC adaptor.**
- ⚠ To mount the dock on a wall, firmly tighten the screws to prevent it from falling.**

**1. Connect the supplied AC adaptor to the dock.**

**2. Place the RTR-601 into the dock and charging will begin.**

- Once the RTR-601 is recognized, the Blue LED on the dock will light up.
- Once charging begins properly, the Green LED on the RTR-601 will light up and the LCD display will turn off.



\* Up to two Remote Units can be charged at the same time.

**3. Once charging has been completed, LEDs on both the dock and the Remote Unit(s) will turn off.**

**⚠ Please stop using in the following situations.**

• **The Red LED on the dock is ON:**

If the dock recognizes an irregular electrical activity, it automatically stops charging and the Red LED will light up. Unplug the AC adaptor and check the following:

- (1) that there are no metallic objects between the dock and Remote Unit(s), and
- (2) if the Remote Unit(s) are properly placed on the dock.

The Red LED on the dock may light up for just a moment due to power fluctuation. There is no problem unless the Red LED remains on.

• **The Orange LED on RTR-601 is BLINKING:**

If the body of the RTR-601 gets too hot (over 40°C), the Orange LED will start blinking and battery charging will temporarily stop. Once the body cools down, charging will restart.

• **If, after checking the above and resetting the RTR-601 several times, the Red LED on the dock remains on, please stop using the dock and contact your distributor.**

### RTR-6BD Specifications

Compatible Devices	RTR-601 Series Data Loggers (Remote Unit) RTR-601-110 / 130 / E10 / E30
Power	AC Adaptor (AD-05A3)
Input Voltage	5V 2A
Communication Interface	USB Communication (for setup)
Charging Method	Electromagnetic Induction Type Non-Contact Charging System
Charging Time (*1)	Approx. 70 min.
Charging Current	700mA (typical) per Remote Unit
Dimensions	H 189 mm x W 136 mm x D 44.3 mm (including protrusions)
Weight	Approx. 332 g
Operating Environment	Temperature: 0 to 40°C Humidity: 90%RH or less (no condensation)

\*1: This is the estimated time to complete a full charge after the battery charge warning message appears. If the body of the Remote Unit gets hot and battery charging temporarily stops, the charging time will be longer.

The specifications listed above are subject to change without notice.

For product information or questions contact us at:

### T&D CORPORATION

For product inquiries, please contact your local distributor. Visit T&D Website for the distributors list. If you can not find a distributor in your area, please contact our main office in Japan or one of our branch offices in Europe or America.

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