

COMMUNICATION HUB



Version 1.0



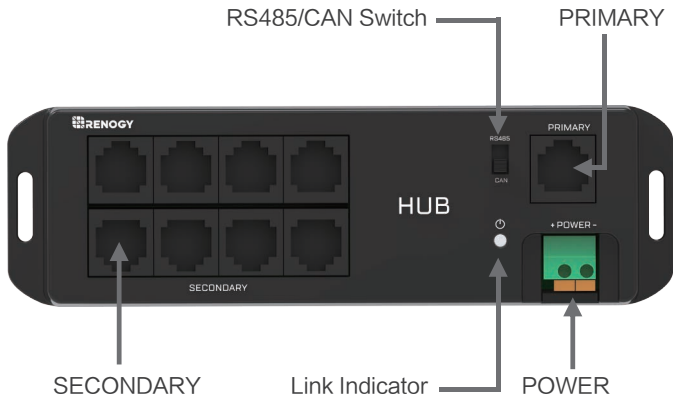
General Information

The Renogy Communication Hub allows you to connect multiple Renogy appliances with an RJ45 port and RS485 communication protocol to just one BT-2 Bluetooth module. Now you can use your phone to monitor multiple devices at the same time! The Renogy Communication Hub also supports both RS485 and CAN communication protocols – giving you a wider selection of compatible devices.

Key Features

- Monitor multiple devices at the same time with a single Bluetooth module.
- Connect to our user-friendly smart phone App, Renogy BT/Renogy DCHome, to keep track of your system
- Supports both RS485 and CAN communication protocol
- Green LED lights indicate which communication protocol is currently on

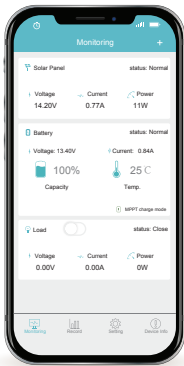
Identification of Parts



Operation

■ Connection

Connect to multiple Renogy appliances with an RJ45 port and RS485 communication protocol to the Communication Hub through cables with the RJ45 port at the secondary ports. Then connect the BT-2 Bluetooth module to the primary port.



■ Communication status indicator

Green Communication Indicator:

Link Indicator	Status	Note
	Solid (Green)	RS485
Flash (Green)	CAN	

■ Compatible Models

Compatible Models	All Renogy Products with RJ45 Port
Communication Protocol	RS485 and CAN
Port Type	RJ45

Technical Specifications

Description	Parameter
Model	Communication Hub
Input Voltage	9V-60V
Standby Power Consumption	0.324w
Operating Power Consumption	<0.35W
Communication Range	≤82ft
Serial Baud Rate	RS485-9600 bps CAN-500 kbps
Communication Protocol	RS485 CAN
Port Type	RJ45
Cable Length	5.00m (16.4ft)
Dimensions	160 x 48 X 23mm
	6.29 X 1.89 X 0.91in
Installation Dimensions	151.4 ϕ3.5mm (5.96 ϕ 0.14in)
Operation Temperature	-20 C ~85 C (-4°F to 185°F)
Weight	125g (4.41oz)

To Download App

1. The Android version of the Renogy BT APP is available to download on Renogy.com and the Google Play Store

In the Google Play Store, simply search “Renogy BT” or “Renogy DCHome” in App store to download.

2. For IOS version, simply search “Renogy BT” or “Renogy DCHome” in App store to download.

- The admin password in App is **135790123**

3. How to Connect via Bluetooth

Please ensure your device’ s Bluetooth setting is turned on.





Select:

Configuration > Search Devices > Device

The green indicator on the BT-2 will turn on once it has successfully connected to the power.

The blue indicator on the BT-2 will blink once it has successfully connected and during communication.



Renogy reserves the right to change the contents of this manual without notice.

US |  2775 E Philadelphia St, Ontario, CA 91761, USA
 909-287-7111
 www.renogy.com
 support@renogy.com

CA |  <https://ca.renogy.com>
 supportca@renogy.com

CN |  苏州高新区科技城培源路1号5号楼-4
 400-6636-695
 <https://www.renogy.cn>
 support@renogy.cn

AU |  <https://au.renogy.com>
 supportau@renogy.com

UK |  <https://uk.renogy.com>
 supportuk@renogy.com

JP |  <https://www.renogy.jp>
 supportjp@renogy.com

DE |  <https://de.renogy.com>
 supportde@renogy.com