

Pure Sine Wave Inverter Remote Control RC1

For
1000W/2000W/3000W
Models

USER GUIDE



(Revised 01/2022)

USER GUIDE

Introduction:

Thank you for purchasing the iTechworld pure sine wave inverter remote control (RC1). This remote control will allow you to turn your inverter on/off from a distance. The remote control (RC1) also allows you to monitor your battery capacity, DC power input, load being drawn from your inverter and AC output.

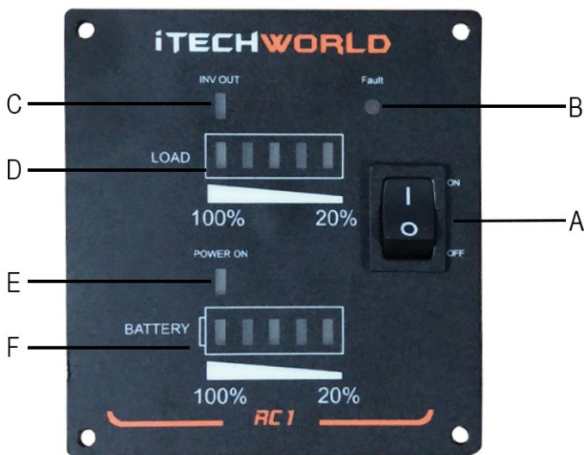


Figure 1 – RC1 Remote Control

A	Remote Control Main Switch
B	Fault LED Indicator
C	AC Output Indicator
D	Inverter Load Indicator
E	DC Input Power Indicator
F	Battery Capacity Indicator

A. Remote Control Main Switch

The main switch is used for turning ON or OFF the output of the inverter. With the switch in the ON position, the AC Output Indicator LED(C) will glow green to indicate 240VAC is being produced.

B. Fault LED Indicator

Will illuminate/flash red when a fault is detected, the 240VAC output will be turned off. Please refer to the troubleshooting section.

C. AC Output Indicator

Will illuminate green to show that the inverter is outputting 240VAC power.

D. Inverter Load Indicator

Displays the approximate load being drawn from the inverter.

E. **DC Power Indicator**

Will illuminate green to show that DC power is being supplied to the inverter.

F. **Battery Capacity Indicator**

Displays the approximate remaining capacity of the battery running that is connected to the inverter.

Connecting the remote control

The remote control is connected to the inverter with the communications cable, supplied with the purchase of the remote control. The cable is a 6-conductor RJ11 cable (the pinout of the connector is a **Straight Pinout** and **NOT Reverse**, refer to the image below). The cable is connected to the RJ-11 ports found on the rear of the remote and on the front panel of the inverter (Port F in figures 1 and 2 of your inverter's instruction manual).

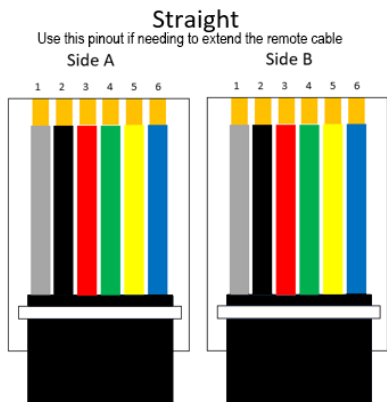


Figure 2 – RC1 Remote Control

Using the remote control

When using the remote control to turn the inverter on or off, please make sure the Main Switch on the inverter front panel is in the **OFF** position, or the remote-control main switch will not work.

Contact

iTechworld
281 Great Eastern Hwy
Burswood WA 6100

Phone:
1300 483 249

Website:
www.itechworld.com.au

E-mail:
service@itechworld.com.au