

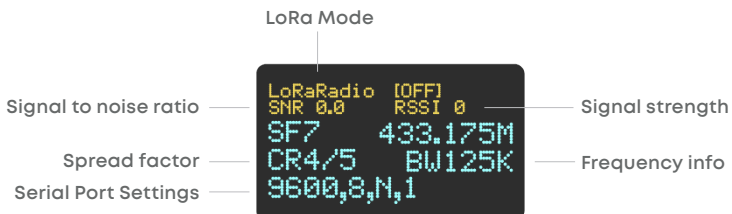
INSTALLATION GUIDE LoRa Device

Note: This guide is intended for use with LoRa's with a digital display only.



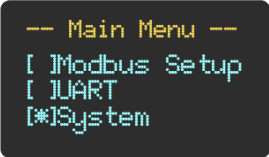
MAIN DISPLAY IN LORA RADIO MODE

1. Scan the QR code included on the inner flaps of the box to download the GivEnergy App
2. Ensure WiFi and Bluetooth are enabled on your phone

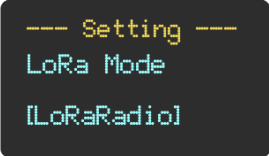


SET TO LORA RADIO MODE








All LoRa's must be set to Radio mode to work with GivEnergy inverters. Use the buttons on the front of both LoRa's, one at a time.



```
-- Main Menu --
[ ]Modbus Setup
[ ]UART
[*]System
```




```
--- Setting ---
LoRa Mode
[LoRaRadio]
```


-  Press and hold **FUNC** to display the Main Menu
-  Press **FUNC** repeatedly to scroll to System
-  Press **ENTER** to select System Setting menu
-  Press **ENTER** repeatedly until display reads LoRa Radio
-  Press **FUNC** to return to Main Menu
-  Press **FUNC** to scroll to Reboot
-  Press **ENTER** to reboot device to update settings

CHANGE RADIO FREQUENCY








All LoRa's must be set to Radio mode to work with GivEnergy inverters. Use the buttons on the front of both LoRa's, one at a time.



```
-- Main Menu --
[ ]PPTM
[ ]Datarate
[*]System
```



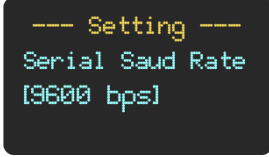
```
--- Frequency ---
0433100000 (Hz)
- - - - -
```

-  Press and hold **FUNC** to display the Main Menu
-  Press **FUNC** repeatedly to scroll to Frequency
-  Press **ENTER** to select Frequency Setting menu
-  Press **FUNC** to select digit to change
-  Press **ENTER** to Increase digit
-  Press **FUNC** to scroll to Reboot
-  Press **ENTER** to reboot device to update settings

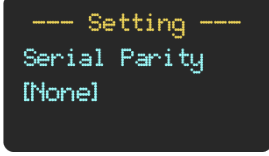
Modules must be on the same frequency to communicate with each other

CHANGE SERIAL PORT SETTINGS

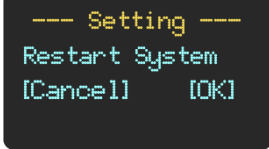
In some cases the port that the LoRa communicates with the inverter and battery on may need configuration. Using buttons on the front of **both** LoRa's at one time.












```
--- Setting ---
Serial Saud Rate
[9600 bps]
```



```
--- Setting ---
Serial Parity
[None]
```



```
--- Setting ---
Restart System
[Cancel] [OK]
```

-  Press and hold **FUNC** to display the Main Menu
-  Press **FUNC** repeatedly to scroll to UART
-  Press **ENTER** to select UART Setting menu
-  Press **ENTER** repeatedly to scroll to 9600bps Baud Rate
-  Press **FUNC** to Parity.sub menu
-  Press **ENTER** repeatedly to scroll to None Parity
-  Press **FUNC** to reboot device to update settings
-  Press **FUNC** to scroll to Reboot
-  Press **ENTER** to reboot device to update settings