

siffron
RL24002 LoRa Sonr
Echo Box



Siffron RL24002 LoRa Sonr Echo Box Installation Guide

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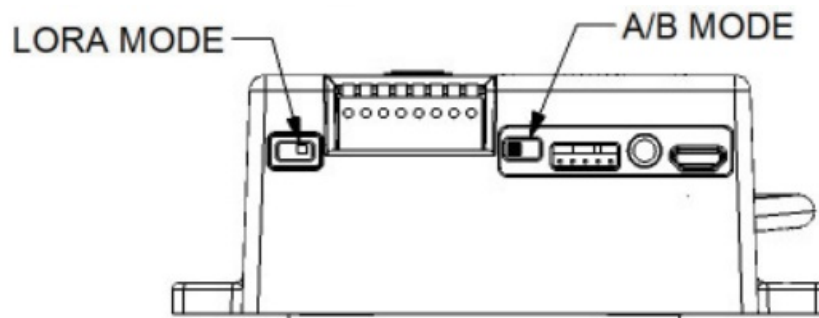
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Siffron RL24002 LoRa Sonr Echo Box



Installation Instructions

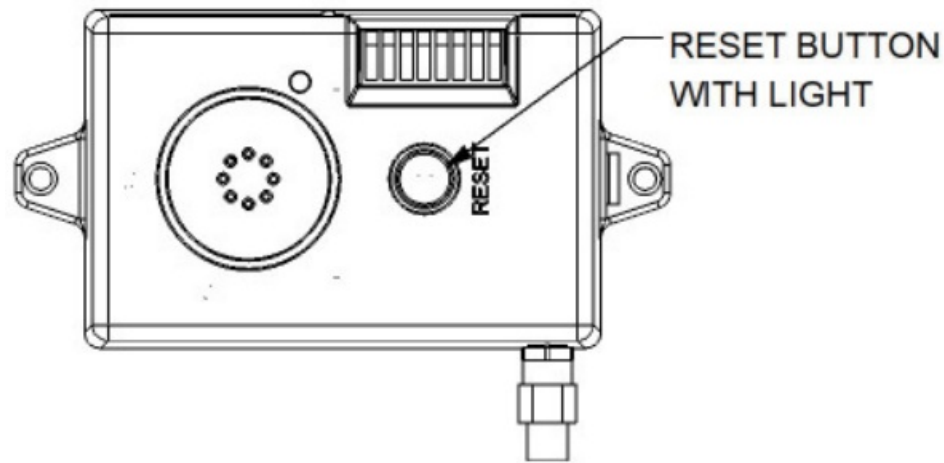
1. A/B Mode Select Switch between “ALARM” mode and “BEEP” mode. In ALARM mode, Echo Box responds directly to the incoming status, i.e. echo audio beeps to BEEP and alarms to ALARM. In BEEP mode, the Box beeps always.
 - Switch to left side for BEEP + ALARM.
 - Switch to right side for BEEP only.



2. LORA MODE Select

Echo Box could either work in “RECEIVER” mode or “EXTENDER” mode. In EXTENDER mode, Echo Box detects any incoming SONR or INTELLI devices and echoes with beeps or alarms accordingly. In addition, a message will be retransmitted via the built-in LORA rf transmitter. Any LORA RECEIVER working under the same channel setting will detect and respond accordingly. (See below ‘LORA CHANNEL Select’ for the channel setting)

- Switch to right side for RECEIVER mode.
- Switch to left side for EXTENDER mode.



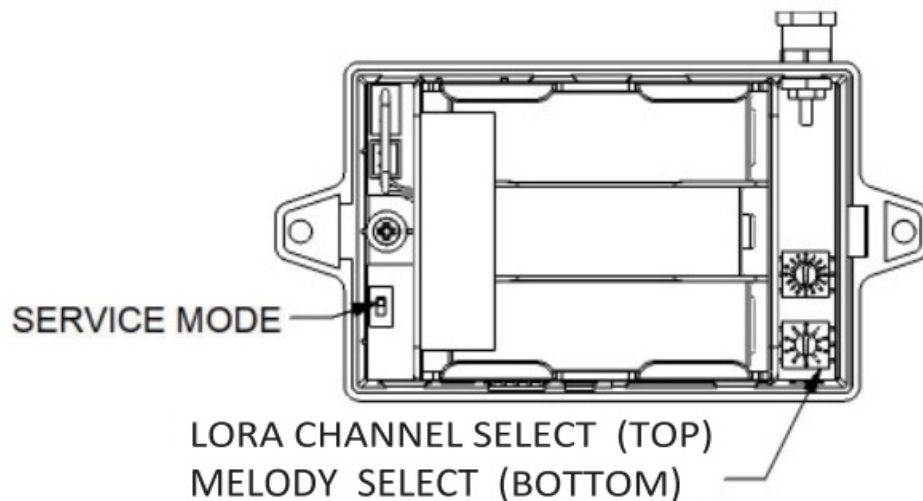
3. RESET Button

RESET button has dual functions. During the audio alarm, press releases the Button stop the audio alarm. During standby, press releases the Button to indicate the current RECEIVER/EXTENDER mode. If the Echo Box is in RECEIVER mode, the LIGHT flashes. If EXTENDER mode, the LIGHT turns on momentarily.

4. LIGHT

The LIGHT indicator has the following indications:

- Indicates RECEIVER/EXTENDER mode as described in the 'RESET Button'.
- It flashes to audio beeps and alarms.
- It flashes once every 5 seconds when the battery is low



5. LORA CHANNEL Select

MELODY SELECT (BOTTOM) A LORA Echo Box working in EXTENDER mode could only communicate to a LORA Echo Box working in RECEIVER if and only they are working under the same CHANNEL. There is a total of 16 channels to select from, ensure to select to the same channel for those Boxes you wish to work in a group. The channels are identified as "0rg" and "A~F".

6. ECHO MELODY Select

The audio echo of BEEP and ALARM consists of a two-toned melody. You could select different combinations of melodies

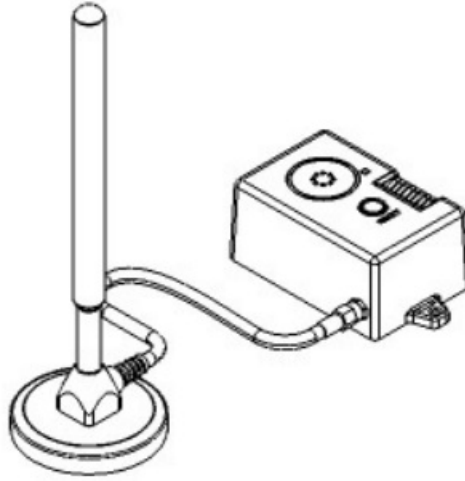
from the selection switch, there is a total of 10 different melody options.

7. SERVICE MODE Select

This option select switch is for technical use, make sure it is in the OFF position.

CAUTION

1. Do not crush or puncture the battery.
2. Keep the battery away from fire.
3. Do not leave the battery in an extremely high-temperature environment or an extremely low air-pressure environment.
4. Do not put the battery in trash that is disposed of in landfills. When disposing of the battery, comply with local laws or regulations.



FCC Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

To assure continued compliance, any changes or modifications not expressly approved by the party. Responsible for compliance could void the user's authority to operate this equipment. (Example- use only shielded interface cables when connecting to computer or peripheral devices). This equipment 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.

FCC Radiation Exposure Statement:

The equipment complies with FCC Radiation exposure limits set forth for uncontrolled environments. This equipment should be installed and operated with a minimum distance 20cm between the radiator and your body.

- For more information,
- call 800.422.2547

- visit www.siffron.com
- **DRAWING NUMBER:** 20046874INS
- **ITEM NUMBER:** 4611914010INS
- **REV:** A

Frequently Asked Questions


Q: What is the power requirement for this device?

A: The power requirement for this device is not specified in the user manual. Please refer to the product specifications or contact customer support for more information.

Q: How do I clean the device?

A: To clean the device, use a soft, dry cloth to wipe the surfaces gently. Avoid using harsh chemicals or abrasive materials that may damage the device.

Documents / Resources

	Siffron RL24002 LoRa Sonr Echo Box [pdf] Installation Guide 2ALN5-RL24002, 2ALN5RL24002, RL24002 LoRa Sonr Echo Box, RL24002, LoRa Sonr Echo Box, Sonr Echo Box, Echo Box, Box
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References

- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

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