Stratus II RX 433MHz

BioLoc manual receiver

Read all the instructions before using the equipment.

Technical Introduction

What is Stratus II Rx ? (1/2)

Stratus II Rx is equipped with an Ultra High Frequency (UHF) connection for direct local communication to the tag. It is an outdoor product intended for animal monitoring.

It has a great range and precision with -134dbm of sensitivity.

After the activation of the rescue mode on the tag thanks to the USB Performance, you can easily find your tag in the field.

Stratus II Rx ultra ergonomic and sandproof.

These appear to guide you simply to your bird! The LCD screen is resistant and readable at sun.

Settings

Z.A. Le Cassé II - 4 rue Jean Monnet - 31240 Saint Jean (France)
Tél. : +33(0)5 62 89 09 83 • Email : contact@xerius.fr
www.xeriustracking.fr

Global composition

Stratus II Rx is a digital UHF receiver made for field session especially in harsh environment.

Antenna connexion

LCD screen

Mini USB connexion

Left button

Right button

Turn on/off Stratus II Rx

To turn on/off your Stratus II Rx, press the button on the left during 4 seconds. You will ear a tone indicating that your receiver is activated or not.

When you switch on your Stratus II Rx, you will have the screen below.

Serial number is on the buttom left of the screen.

Main screen

Receiver
battery level

Receiver
informations

Gain control
button

Gain control

Reception level

Gain control

From the main menu, ajust the gain level following the pointers on the left of the screen.

Pointers

Gain control

Gain control button

If pointers go up, gain is weak, your transmitter is far from you

If pointers go down, gain is strength, your transmitter is near from you

Go to settings

From the main menu, press the button on the left to go to the settings.

To go up/down use the button on the left. To confirm settings, use the button on the right and move forward right and left.

Select settings

Select settings configuration

Brightness settings

From the settings menu, choose « Backlight » thanks to the button on the left then select your value.

- On : 100% bright
- Auto : optimise brightness in function of the environment
- Off : no brightness

Select settings

Select settings configuration

Language settings

From the settings menu, choose « Language » thanks to the button on the left then select your value.

• Choose « English » for an english functionning
• Choose « Français » for a french functionning

Select settings

Select settings configuration

Contrast settings

From the settings menu, choose « Contrast » thanks to the button on the left then select your value.

- 0 = no contrast
- 36 = recommended value
- 80 = maximum contrast

Select settings

Select settings configuration

Compass calibration

From the settings menu, choose « Contrast » thanks to the button on the left then select your value.
Then, follow the indications.

Select settings
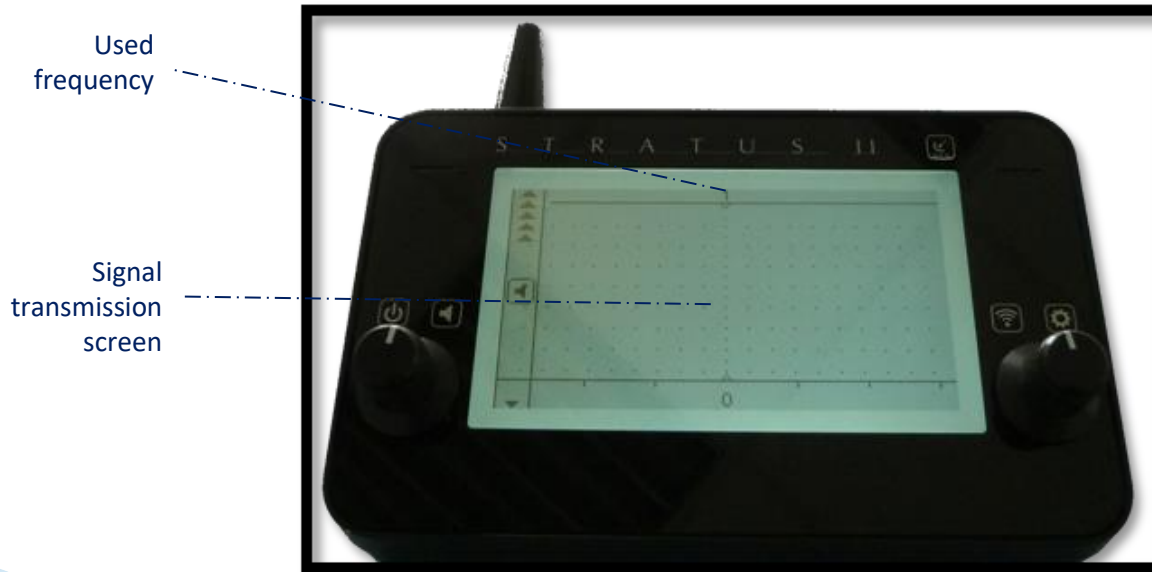
Select settings configuration

Reception spectrum

To see the signal spectrum, you must press the right button once from the main screen.

This feature allows you to see all the signals received by your Stratus II Rx. Thus, you will be able to see according to the chosen channel the presence, or not, of jammers/spurious. This is for expert users and allows to analyze the quality of the reception.

If there are jammers/spurious, move to an other area.

Used frequency

Signal transmission screen

Specifications

Z.A. Le Cassé II - 4 rue Jean Monnet - 31240 Saint Jean (France)
Tél. : +33(0)5 62 89 09 83 • Email : contact@xerius.fr
www.xeriustracking.fr

Stratus II Rx - Specifications

Stratus II Rx is a GPS/UHF receiver.
Like all our products, the Stratus II Rx is fully programmable and easy to use. It has a rechargeable lithium battery.
Its screen is unbreakable and can be used with sun. This allows full optimization when you are doing field session.

Dimension (w/o antenna)	142,4*88,2*24 (mm)
Weight	410 grs
Frequence range	433 Mhz
Autonomy	approx.15 hours
Indicative range	$\cong$ 200 km (LOS)*
Functionning temperature	- 20°C to 60°C
Storage temperature	- 10°C to 35°C
Charging temperature	0°C to 45°C

* LOS = Line Of Sight

www.xeriustracking.fr

www.xeriustracking.fr