



Geoscanners AB®

**RX501**

**THE SINGLE RECEIVER PLUG-IN**



## **RX501**

The RX501 is a high performance plug-in receiver for antennas compatibles with GSSI SIR® Systems. The RX501 is the only unit of this type available in the market today. The RX501 is the logical choice for customers working with applications that require bistatic mode of operation. No other solution provides the functionality of the RX501 with a comparable price. This unit is, as all other components of this family of devices, carefully crafted and calibrated.

## Features

The RX501 eliminates the problems accompanying the presence of the switching circuitry in the transceivers. The receiving antenna's saturation problems are heavily reduced allowing a more detailed top resolution. Higher signal to noise ratios are achieved thanks to the direct connection of the receiver's input circuitry to the antenna's terminals.

The low attenuation of this receiver makes possible to see more features in the radargram, those would be otherwise simply missed out with other solutions. One doesn't have to buy a transceiver with its accompanying transmitter if the main target of applications is bistatic mode surveys.

## Added Value

The RX501 fits without modifications or amendments into any antenna supporting GSSI compatible plug-in electronics. It gives the possibility of using marker, survey wheel at no extra cost. There's no need to buy expensive breakout boxes or anything like it in order to use a survey wheel.

The handle of the unit is made with provision to facilitate the connection of the bulky radar cable. The front panel is designed to be easy to use and at the same time clear and concise.

**The field surveyor has a new dimension with the RX501, all the needed features are present at no extra cost.**

## Short Technical Data:

Scope of application:

- Antennas 3205 and 3207 from GSSI
- Antennas Subecho-40, Subecho-70 and Subecho-150 from Radarteam Sweden AB

Inputs:

- Trigger and Power from SIR<sup>®</sup> control unit
- Survey wheel encoder A and B quadrature inputs
- Marker button

Outputs:

- Data to SIR<sup>®</sup> control unit
- Survey wheel encoder 5 VDC power

## Geoscanners AB

Glimmervägen 3

961 46 Boden, Sweden

Phone: +46 921 530 20

E-mail: [sales@geoscanners.com](mailto:sales@geoscanners.com)

web: <http://www.geoscanners.com>