

NEXT STAR

F i n d t h e u n k n o w n

Installation Guide
Warranty Statement
Vega Series



Made in Germany

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1. How metal detectors work?

Company introduction

Next Star is a research company with presence of high-level researchers in the fields of electronics, robotics, artificial intelligence, geophysics in Germany. After years of extensive research on geological sciences with the help of young and motivated people along with experienced archeology and geophysical engineers, the company has explored the ancient features of each geographic region to produce and develop a new generation of visual smart and multi-functional systems for precise detection and positioning of hidden objects underground.

The basis of these metal detectors which produce three-dimensional images is magnetometry. These imaging devices are based on magnetic signal processing and analysis methods with the highest accuracy in detecting anomalies and exploring objects buried in the ground.

The high age of this method as well as the capability of aerial and ground usage in this area have led to more users using these types of devices. Next Star's devices can be used in archaeological, military, industrial fields, mineral deposits exploration, oil exploration, cavity and karst detection, geology, environmental studies, metal burial detection, etc. Discovering all kinds of underground tunnels and cavities, cables and pipes, as well as metal objects, coins, precious metals such as gold and silver, treasures and wonders and geological anomalies can also be carried out with our machines. At Next Star, these devices use the latest developed technology in the world, based on the latest scientific articles in the field of artificial intelligence and robotics, to design and build professional software in the field. In addition, the simple and convenient way of working with these devices has Next Star a popular choice among users. These devices include a touch screen and headphones, which makes exploration more fun and enjoyable.

1-1- Vega products

The Vega has the highest image quality obtained from signal processing. Elegant design, powerful yet simple and portability of the Vega device makes exploration easier. With over 25 hours of device operation, tracking power and depth analysis of up to 50 meters, the highest accuracy in scanning and eliminating all human errors such as hand shake and motion are just parts of Vega capabilities. The Vega 3D device is made to detect all kinds of precious metal minerals, tunnels, bunkers and all the underground anomalies and can be used for treasure hunting, mining, military purposes, finding water and more.

Extremely powerful and functional software, yet with a simple and multilingual user interface, has made exploration a banal and comprehensible task for everyone. The Vega software has the capacity of being used in 4 modes of measurement with

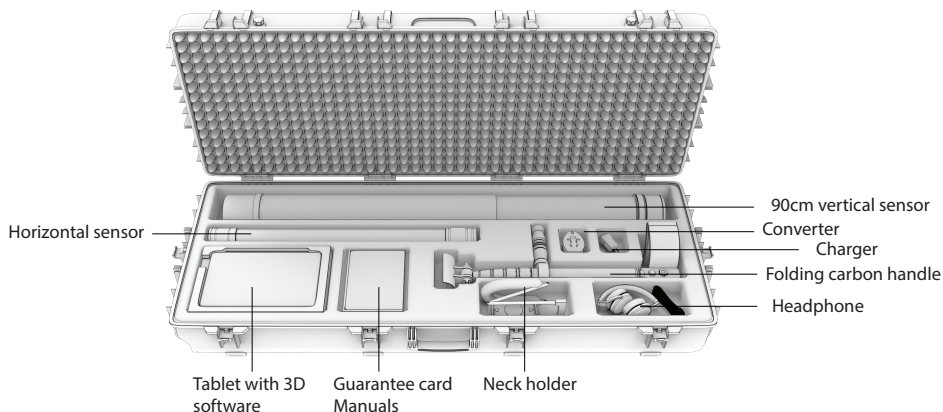
unique scan, normal scan, live and linear modes. Intelligent Repeatability and Ultimate Environment Scan Analysis provides you with a precise analytical environment, giving you the most accurate scanning of the environment by eliminating noise and error so you can easily be a treasure hunter. Good luck!

1-2- Contents of each model

Vega NX pro

One of the most powerful, complete and up-to-date 3D scanning devices in the world with the ability to capture data at a depth of 50 meters with dedicated "Gmi" 3D software.

- The tablet pre-installed with dedicated "Gmi" 3D software.
- 90 cm vertical sensor.
- Horizontal sensor with folding carbon handle.
- Charger with 5 V- 1000 mAh and 50/60 HZ- 220 V- 110v Input.
- Anti-shock and waterproof hard case to protect the sensor.
- Neck holder for tablet installation.
- Carrying case for sensor.
- Wireless or Bluetooth headphones.
- Power converter - with input and output compatible with all electrical systems in the world.



- Manuals.
- Guarantee card.

Vega GS Pro

Vega GS Pro is one of the best, most powerful metal detectors in the world, using the exclusive "Gmi" 3D software to get the most accurate scans.

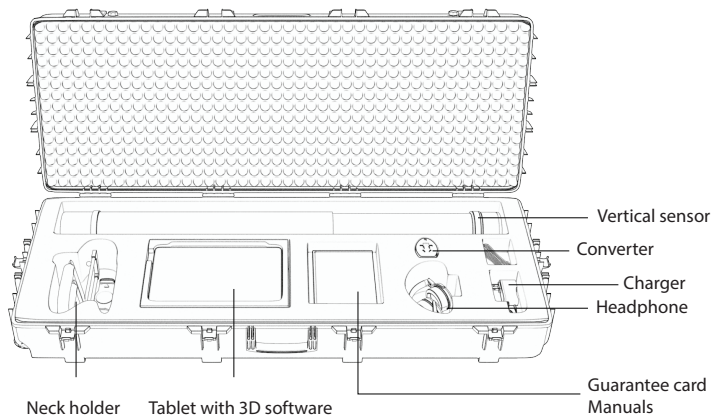
- The tablet pre-installed with dedicated "Gmi" 3D software.
- 90 cm vertical sensor.
- Horizontal sensor with folding carbon handle.
- Charger with 5 V- 1000 mAh and 50/60 HZ- 220 V- 110v Input.
- Anti-shock and waterproof hard case to protect the sensor.
- Neck holder for tablet installation.
- Carrying case for sensor.
- Wireless or Bluetooth headphones.
- Power converter - with input and output compatible with all electrical systems in the world.
- Manuals.
- Guarantee card.

Vega NX

The new generation of 3D scanning devices with the latest technology in the world, along with the exclusive "Gmi" 3D software with the capability of two 3D scanning modes and two live scanning modes.

- The tablet pre-installed with dedicated "Gmi" 3D software.
- 90 cm vertical sensor.
- Charger with 5 V- 1000 mAh and 50/60 HZ- 220 V- 110v Input.

- Anti-shock and waterproof hard case to protect the sensor.
- Neck holder for tablet installation.
- Carrying case for sensor.
- Wireless or Bluetooth headphones.
- Power converter - with input and output compatible with all electrical systems in the world.
- Manuals.
- Guarantee card.



Vega GS

The golden devices of Next Star Company for a detailed scan with the ability to find all kinds of underground burials up to a depth of 30 meters, along with exclusive "Gmi" 3D software.

- The tablet pre-installed with dedicated "Gmi" 3D software.
- 90 cm vertical sensor.
- Charger with 5 V- 1000 mAh and 50/60 HZ- 220 V- 110v Input.
- Neck holder for tablet installation.

- Carrying case for sensor.
- Wireless or Bluetooth headphones.
- Power converter - with input and output compatible with all electrical systems in the world.
- Manuals.
- Guarantee card.

Vega DS

Diamond devices of Next Star Company are capable of finding all kinds of underground burials up to a depth of 25 meters and special software with two 3D scanning modes.

- "Gmi" 3D Software.
- 90 cm vertical sensor.
- Charger with 5 V- 1000 mAh and 50/60 HZ- 220 V- 110v Input.
- Carrying case for sensor.
- Manuals.
- Guarantee card.

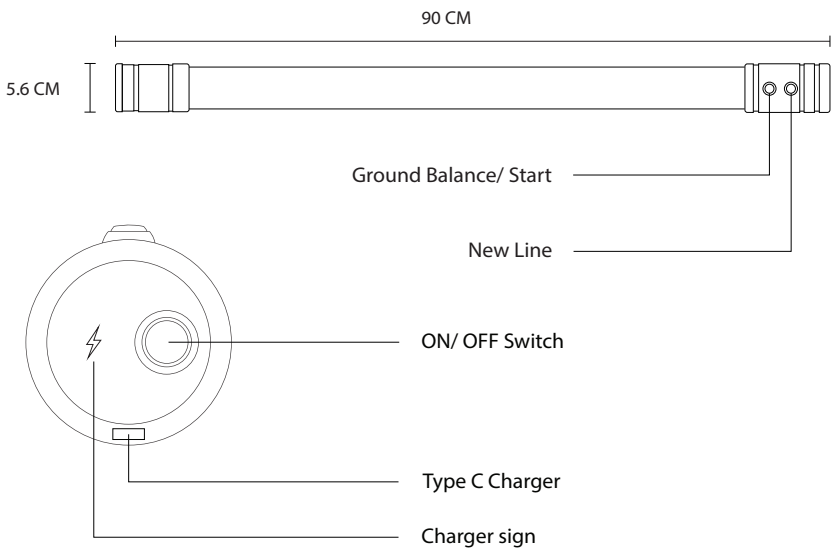
Vega SE

Nexast Star Special Edition 3D Scanners, cost-effective, powerful, and high-performance with data capture capability up to 18 meters deep with dedicated "Gmi" 3D software.

- "Gmi" 3D software.
- 90 cm vertical sensor.
- Charger with 5 V- 1000 mAh and 50/60 HZ- 220 V- 110v Input.
- Carrying case for sensor.
- Manuals.
- Guarantee card.

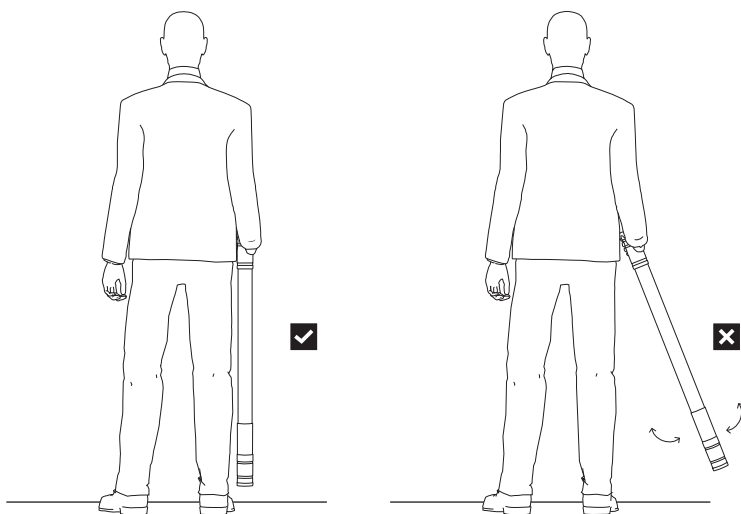
2. Various components of the device and assembling

After opening the box, at first remove the vertical sensor from the package. At the top of the sensor there is an on/off switch and a charging port to charge the sensor. There are two keys on the handle. The top is marked as "New Line" to start the new scan path and the bottom key does two things: "Start" and "Ground Balance". To begin the scanning process, press the on/off switch which is placed on top of the sensor. Turning on the key should display the green word "Vega" on top of the sensor. This is a sign which indicates the start of the operation. The important thing to note is that the hologram must be on the sensor body and the sensor serial number should match the warranty serial number.



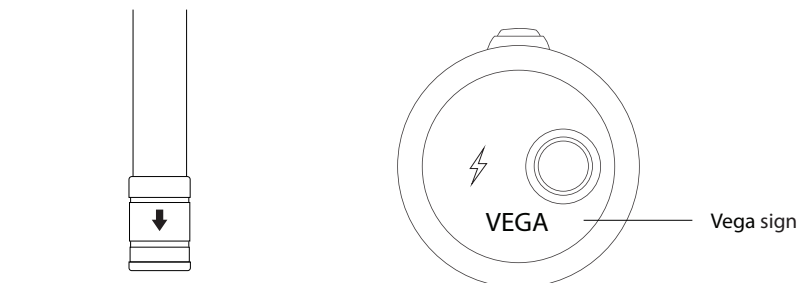
2-1- How to use it correctly

Hold the vertical sensor of the device from the top of it which is the input of the charger cable and the power switch with your hand. The lower part of the device with the downward arrow sign must be located near the ground to begin operations. Please note that the machine must be perpendicular to the ground and this condition shall not be changed while scanning. To do the scan, go straight to from a place the end and avoid twisting and shaking the sensor.

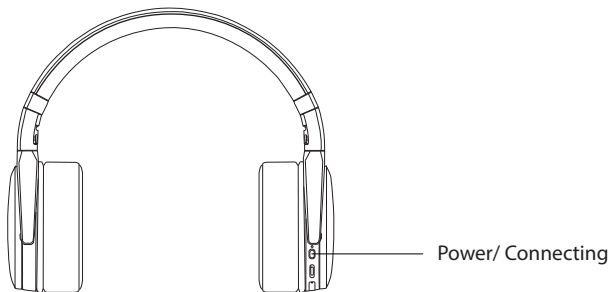
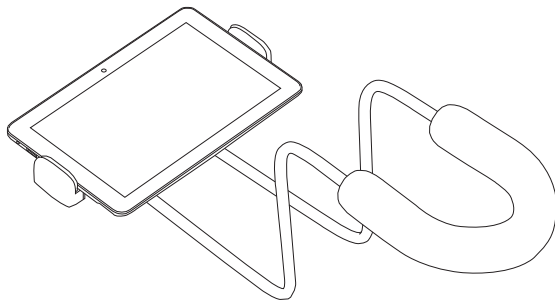
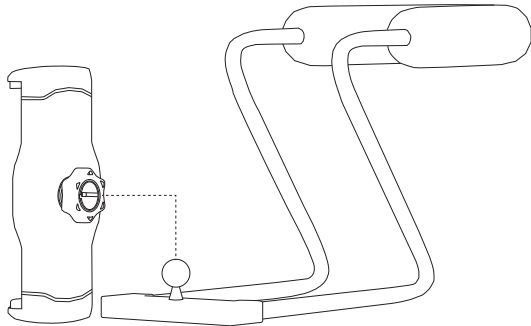


2-2- Operations

Hold the vertical sensor of the device from the top of it which is the input of the charger cable and the power switch with your hand. The lower part of the device with the downward arrow sign must be located near the ground to begin operations. By turning the switch on, the word "Vega" changes color to green, indicating that the device is switched on. Please note that the machine must be perpendicular to the ground and this condition shall not be changed while scanning. To do the scan, go straight to from a place the end and avoid twisting and shaking the sensor. To register "Gmi" 3D software after installation, all you have to do is turn on your device and enter the serial number of the warranty card in the software. After activating the software, it is connected to the device and synced. After that, you can easily use your device.

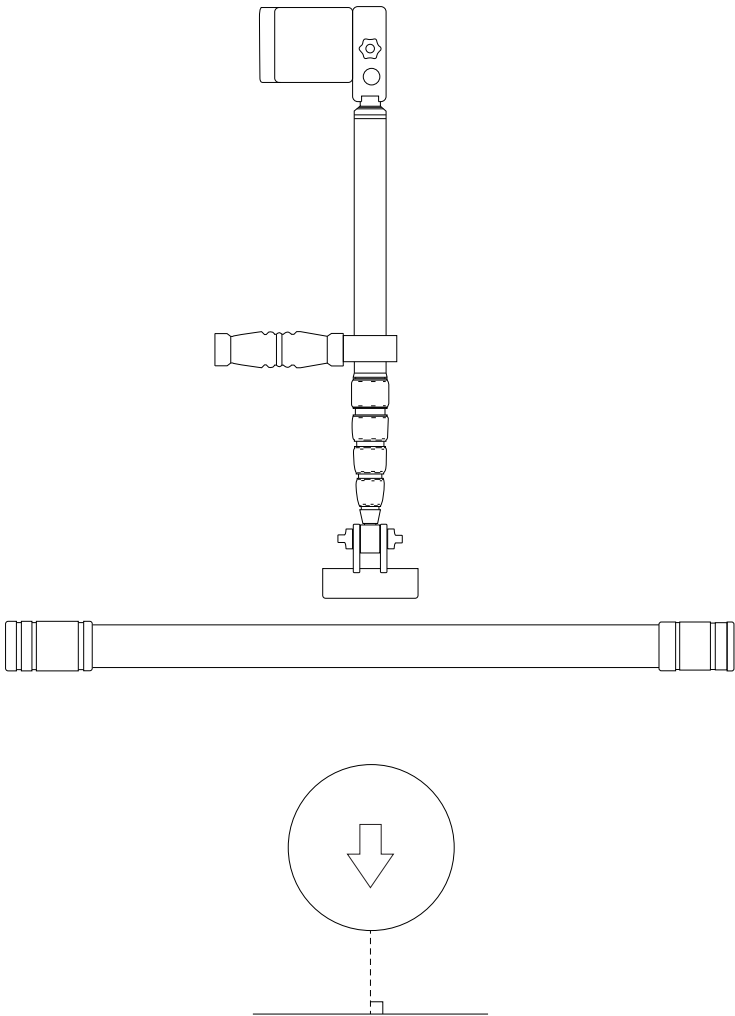


Hold down the neck holder and attach it to the tablet, tightening and securing the tablet by the screw located behind the holder. Then, turn on the tablet. Connect the headphones to your tablet either via Bluetooth or cable.



**How to use the carbon handle of the horizontal sensor in Pro devices:
(GS Pro and DS Pro)**

In Pro devices, a carbon handle is installed to place the 50 cm horizontal sensor. The way to use this knob is that users can adjust the height of the device as much as they want and place the horizontal sensor inside the intended location. The important point in placing the sensor is that the arrow sign seen below the sensor should be perpendicular to the ground.



Before you start, you need to make sure that the surface you want to scan is empty and pristine. Then when the software is ready, it shows an alarm that you must hit the "Ground Balance" key to start the operation.

Hold the sensor perpendicular and press the "Ground Balance" key. Hold the button (about five seconds) until there is a new line to scan. When the line is created, the device will give alarms, now you can release the button. After the line is presented, release the button and then press the button again (in this stage hold the button until the end of the route). If you release the button for any reason, the scanning process stops, and if you press and hold again, the scanning process will be re-started from the previous place. You can see all the happenings and scans on the software.

Tip: Take the steps slowly and move the sensor in a fixed direction.

To start a route, you first need to press the "New Line" button to redirect the route and then scan the route to the end with the previous method. All paths traversed and scanned are visible on the software. When the scanning of the paths is complete, turn off the sensor and the rest is carried out by the software. The battery level of Vega devices can be easily recognized by the color of the word "Vega" on the device. Green indicates that the battery is full, yellow indicates that it is half full, and red indicates that the device needs to be connected to the charger.

3. Maintenance and protecting the device

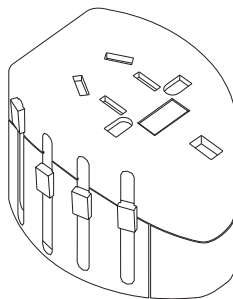
- Do not keep the device under direct sunlight.
- Carry it with a special bag.
- The box is moisture-proof but not waterproof.
- The device should not be in contact with gasoline and similar liquids.
- Clean after use to prevent dust entering the device.
- Be diligent in maintaining your system and follow the instructions.
- The system should never be in contact with water even if it is waterproof.
- After several times of exploration, clean your metal detector with a soft, damp cloth and put it in its cover, and never leave your system out in the rain and thunder to avoid damaging your metal detector.

- Note that placing the device near a magnetic field, such as high-voltage electricity, can damage your system.
- Do not use your system in temperatures above 50 c degrees or below 20 c.
- If the device is charged less than 15%, it can damage the system

4. Problems

Device will not turn on:

- At first, if by turning the switch the device is not turned on and the “Vega” word is not changed to green color, you need to connect the charger to the converter (depending on the area you are in, use the appropriate power socket included in the converter) and the charger cable from the socket.
- If the charger light is green it means that the device is fully charged but if it is red it indicates that the device needs to be charged.
- In addition, the amount of charge of the device is visible from the software.
- If the charge of the device is less than 15%, the software alarms.



Power converter

If the software does not run on the tablet:

- The software may be opened several times, in which case it must be closed and reopened.

Device does not start:

- Check battery status and its connection.
- Make sure the battery is charged.
- Make sure you don't press another button with the power button.
- Allow at least one minute between turning on and off.

The machine turns off automatically:

- The battery is running out and needs replacing.

The sounds are not played:

- Check the headphones. If the device plays the sound, the problem lies in the headphones.
- Volume range should be checked.

The scans are not satisfying:

- You have to scan somewhere pristine and empty.
- During the Grand Balance, lift your hand from the button and the route should not be complete.
- The sensor should be perpendicular to the ground without movement.

Software connection light is off or red:

- Disconnect the sensor and the tablet, and then reset both.
- Sensor charging is low or is not charged.

5. Warranty

We guarantee our devices for 24 months after the sale date to be flawless. The batteries individually shall have a 6 month warranty.

By flow we mean defects which are in spare parts or are caused by the device. The company will repair or replace the parts at no cost.

6. Certificate

The devices have technical certifications and 2 year standard warranty on all 3D scanning devices. The pre-sale goods are thoroughly tested by our company's engineers and will be delivered to the buyer after assurance of their technical health. Extensive field trials and our continued advances in world-class innovation and technology are carried out to your assurance. We constantly offer you high quality. Our devices are of the most professionals in the market.

NEXT STAR

Warranty Conditions

Congratulations on the purchases of your professional Next Star GmbH detectors.

We warrant our detectors to be free of defects for a period of 24 months after the original date of purchase. Batteries are subject to a warranty of six months. This warranty covers instrument failures which are due to defects in material or workmanship. In these cases the device is repaired or replaced, at our option, without charge for parts or labor.

This warranty excludes:

- Damage caused by inappropriate use which in our opinion caused the failure of the instrument
- Damage caused by excessively strong mechanical effects or accidents
- Damage caused by exposure to corrosive compounds, seawater or extreme temperatures
- Damage caused by using accessories not specifically designed for the respective device
- Damage due to modifications or unauthorized servicing of electronics or the search probes Normal wear and tear

Should warranty service become necessary, please contact your distributor or us. If you want to return an instrument to us, please observe the following:

- You must include a copy of the purchase receipt and this warranty card
- Please include a detailed explanation of the technical problems
- The instrument must be sent freight prepaid or it will be refused and returned to the sender
- We will return the instrument free of shipping costs within in Germany. Any costs for shipping abroad are to be paid by the customer
- Please make sure that your address is complete and legible

WARRANTY CARD

NEXT STAR

Stamp and sign of transferor



Serial number:

Date of purchase:

Reason of transmittal (detailed explanation on separate a sheet) :

Please send this warranty card along with your defective machine to us for repair.

The shipper is responsible for the safe packaging of the goods.

Attention: Warranty claim only for unopened devices.

Email: info@nextstar-detectors.de

Website:
www.nextstar-detectors.com
www.nextstar-detectors.de



NEXT STAR

F i n d t h e u n k n o w n

Installation Guide
Warranty Statement



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manual, as well as the booklet of proper use of
our products.