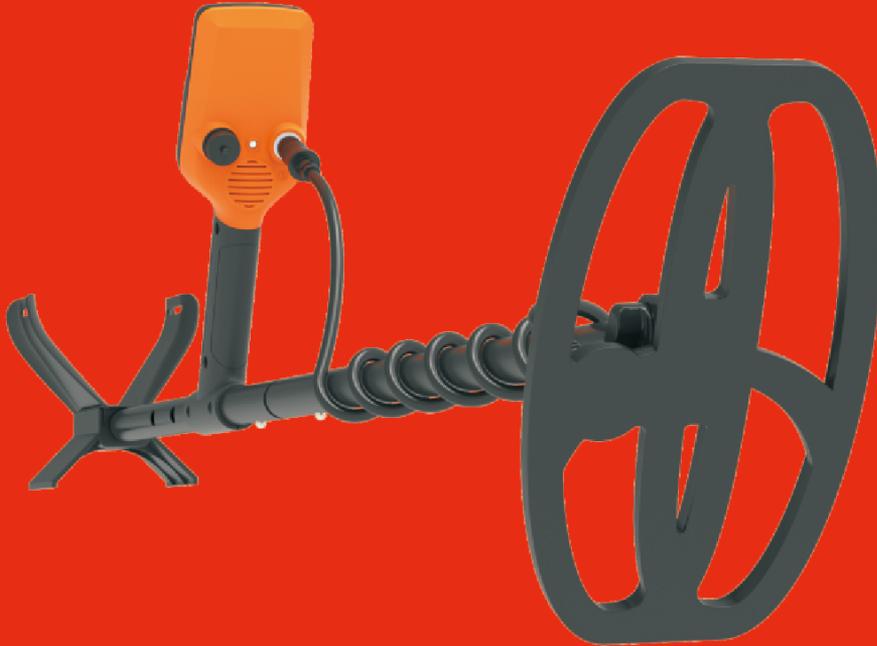


QUEST X10 PRO

QUICK START GUIDE



PACKAGE INCLUDE:

- 1X TurboD BladeS coil
- 1X Coil cover
- 1X Control box with handle
- 1X Shaft set (3 sections)
- 1X Armrest set (2 pieces)
- 1X USB-C cable
- 1X USB-C to 3.5mm audio cable
- 1X Quick start guide

Version: 202103X10_EN

Congratulations on Your Purchase!

Welcome to the exciting world of Treasure Hunting and again, congratulations on your purchase of a Quest X10 Pro metal detector. The entire line of Quest metal detectors has been designed to offer today's treasure hunter with high quality yet affordable equipment that provides performance in the field under a wide range of conditions. The Quest X10 Pro has features typically found on detectors costing and weighing much more yet is easily adjustable to suit your personal preferences. This Quick Start Guide will help you assemble and understand the controls in short order which will let you get out in the field and start finding lost valuables with confidence.



QUEST

METAL DETECTORS

EU Declaration of Conformity

Hereby, Dongguan Quest Detection Technology Co., Limited declares that this radio equipment is in compliance with directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following address:

www.detectorportal.eu/compliance



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Contents of the Box

Your new Quest X10 comes complete with everything you need to get started finding treasure in the field. Unpack the box to make sure you have all of the parts necessary to assemble your detector. The box should contain the items shown below. If any parts are missing, please contact the dealer you purchased your detector from.

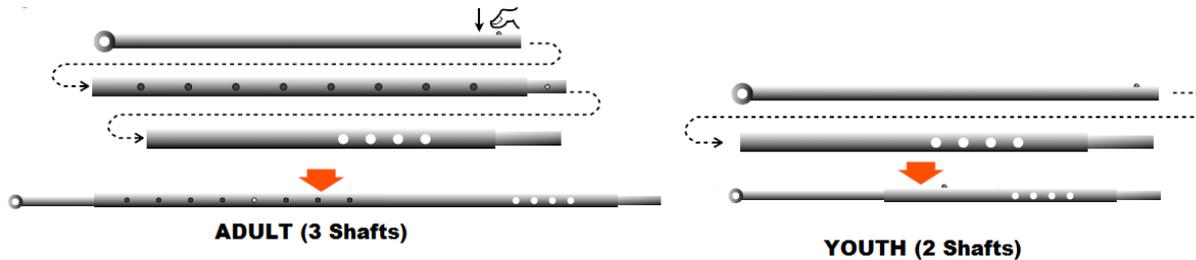
- | | |
|---|--|
| <ul style="list-style-type: none">• Three (3) shaft sections• Control housing pod with handle• Search coil and coil cover• USB-C charging cable• USB C to 3.5mm audio cable | <ul style="list-style-type: none">• Arm rest assembly• Arm rest strap• Velcro strip to secure coil cable• Hardware to attach search coil to lower shaft• Quick start guide |
|---|--|

Assembling the Quest X10 PRO

The Quest X10 Pro assembles initially in less than 10 minutes. It can be assembled in either an adult or youth configuration with the only difference being the overall length of the detector itself.

1. Attach the armrest assembly (consists of two pieces – an upper and lower half) to the end of the upper shaft by pressing the two pieces into place and securing them with the screw included in the package.
2. Remove the four (4) screws visible on one side of the control housing handgrip and take off the section that is now loose. Line up the pins inside the handgrip assembly with two of the larger holes in the upper shaft piece. Replace the section removed to line up with the screw holes / pins and reinstall the screws. **NOTE:** The distance between the arm rest and the hand grip can be adjusted based on the arm length of the user.

3. Select the number of shaft assemblies needed based on the desired configuration; i.e., Adult or Youth. Put them together as shown below:



4. Attach the search coil to the lower shaft using the bolt, cap and washers included. Wind the cable around the shaft and connect it to the control housing. **NOTE:** There is an alignment pin in the housing for the cable connector. Do not force the cable into the connector. When you wrap the cable around the shaft, you want it look like the picture below but do not make it too tight so that the cable is pulled from the coil when it is moved.



The Quest X10 Pro's Controls and Display



DISPLAY ICONS:

- A. Target ID bars that are used to determine what targets are accepted and what targets are rejected (see Advanced Programming section)
- B. Two-digit target ID value used to provide a more accurate assessment of what you have detected to aid in determining if you want to recover it
- C. The first icon shows the current battery strength remaining. The second icon shows if the flashlight / headlight on the rear of the housing is active
- D. This icon shows the current vibration from the motor or the audio level heard through the speaker or headphones
- E. This shows a rough indication of the current Sensitivity level (1, 2, 3 or H). When adjustments to Sensitivity are being made, the actual value is shown in the center of the screen (see Area B)
- F. This shows a rough indication of target depth (2", 4", 6" or 7"+). When the Pinpoint function is activated, a more accurate indication is shown in the center of the screen (see Area B)
- G. Shows the 4 available search modes and which one has been selected for use
- H. Shows the 4 functions that can be adjusted on the X10 Pro and which is active

CONTROLS:

- 1. Turns the power On & Off and scrolls through the menu options
- 2. Activates the non-motion Pinpoint function
- 3. Changes search modes and is used to adjust specific functions
- 4. Used to set the Ground Balance for search locations
- 5. Adjusts the volume from the internal speaker or optional headphones as well as to select the vibration felt in the handgrip if you have opted to mute the detector and be alerted to targets by vibration
- 6. Activates the backlight function and / or the rear-mounted flashlight feature

Charging the Quest X10 Pro's Battery



The Quest X10 Pro features an internal Li-Po rechargeable battery which eliminates the cost of buying batteries for your detector.

To initially charge the battery or recharge it when you are heading to the hunt site or coming in from the field, twist off the moisture / dust cover on the back of the control housing. Connect one end of the USB-C charging cable to the lower plug in the control housing and the other to a wall or car charger that accepts the USB connector.

NOTE: Depending on the wall / car charger used, it should take around 4 hours to fully charge the X10 Pro.

Quick Start Operation

Before you head out looking for lost items, spend a few minutes getting familiar with the X10 Pro's controls and the response it produces to known targets. A little time invested after you unpack the detector will pay off in the field as you will know how to adjust it and what the type of targets you are looking for sound like.

- Place the X10 Pro on a table with the coil away from any metal
- Turn it on by pressing the POWER touchpad (see Page 3)
- Pass a range of targets across the coil about 2"-3" away at a normal sweep speed. Use both good targets such as coins, jewelry and relics as well as trash targets such as nails, tinfoil, bottle caps, pull tabs, etc. Write down the Target ID # that each produces as this will help you determine if a signal in the field is worth recovering.

- Repeat the tests in the different search modes by scrolling through the 4 options using the UP / DOWN touchpads. You will see that in the JEWELRY, COINS and USER modes that some of the trash targets are rejected and will not produce a response.
- If you are getting chatter or false signals when there is no target passing across the coil, press the MENU touchpad and reduce the Sensitivity after the Sensitivity icon has been selected using the UP / DOWN touchpads.

To finish your familiarization of the X10 Pro, take it outside and put several of your test targets on the ground. Sweep the coil across them holding it a few inches above the ground to see what response each produces outside. Once you have spent some time navigating through the menu (refer to the following section for more details on each function) and seen what type of response specific targets produce, you are ready to head out and see what you can find.

Advanced Programming of the Quest X10 Pro

ICON			
Sensitivity	Discrimination / Notch Discrimination	Audio Threshold	Audio Tones
			
AVAILABLE IN WHICH MODE			
All 4 search modes	Jewelry, Coins & Custom	All Metal	Jewelry, Coins & Custom

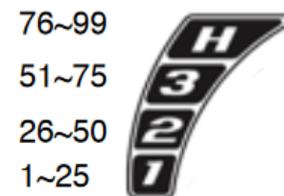
SENSITIVITY:

The Sensitivity control on any metal detector is often misused resulting in reduced performance and increased frustration. Simply put, the Sensitivity control adjusts how strong a signal is required for the detector to produce an audio response. If it is set too high, you will receive false signals from electrical interference, concentrations of trash, changing ground conditions and even bumping the coil against a rock or stick. On the other hand, if you set it too low, the detector will be extremely quiet but

you will not be able to detect the smaller or deeper targets. The adjustable range on the X10 Pro is from 1 to 99. For general treasure hunting the optimal setting is as high as you can set it without getting false signals as you sweep the coil across the ground. The factory preset values are good starting points and keeping it in the range of 60 to 90 will provide the most stable operation under most ground conditions.

To adjust the Sensitivity level, press the MENU touchpad and highlight the first icon.

Use the UP or DOWN arrow touchpads to adjust the Sensitivity to the desired level. You will see the actual value displayed in the center of the screen and the 4-segment bar on the left side of the screen reflect the range you are adjusting in.



OPERATING TIPS

- If the ground is highly mineralized, reduce the Sensitivity level and re-Ground Balance the X10 Pro (see Page 10)
- If you are searching for shallow targets such as a recently lost piece of jewelry or property marker, drop the Sensitivity to 50 or less.
- If you are searching salt water beaches, a lower Sensitivity level will be needed once you get into the wet sand in order for the unit to remain stable
- Don't assume higher sensitivity settings are always preferable. If the X10 Pro is chattering, it makes it difficult to determine if you went over a deep target or the sensitivity was simply set to high. You want the detector to be stable for optimal performance.

DISCRIMINATION / NOTCH DISCRIMINATION:

A metal detector is designed to do one thing and this it to locate buried metal. In some cases you may want to search for all metal objects in the ground but for most treasure hunters, having the ability to select which targets to accept and which to reject is a necessity. The X10 Pro allows this to be done through its Discrimination and Notch Discrimination circuits. At the top of the screen are ten (10) segments. These represent groups of Target ID #'s; i.e., 1-10, 11-20, etc. that are either accepted (black) or rejected (clear). **NOTE:** The Discrimination function is NOT available in the ALL METAL (AM) mode as it will accept all

of the segments and is intended for applications such as electronic prospecting and archeological surveys where all metal targets can be desirable. The other two factory preset modes – COINS and JEWELRY - have some of the segments already eliminated and these will serve as the preferred modes for most searches. The X10 Pro has a USER mode which allows you to customize settings based on the type of targets you are searching for or want to reject and save them to be used later. The figure below shows the segments available and with all being black, everything will be accepted.



To reject a specific segment that corresponds to a bothersome trash target in your search area, press the MENU touchpad until the DISCRIMINATION icon is shown and then use the UP or DOWN touchpad to move the flashing segment to the one you want to reject or accept. Press the MENU touchpad again to make the segment disappear (rejected) or turn black (accepted). If additional changes are desired, repeat this process to create a custom discrimination pattern. When you are done, press the PINPOINT touchpad to return to the search screen. Any changes made to the segments at the top of the screen will remain even when the power is turned off. To restore segments that may have been rejected or accepted, use the process described above.

AUDIO THRESHOLD:

When using the All-Metal mode, you will hear a constant audio signal in the background. This is intended to help you hear the response from very small targets such as that produced by a piece of gold or other metallic specimen. Depending on the type of headphones you are using, you may need to adjust the level of the threshold sound you hear. You want to adjust it so that you can barely hear it yet still be able to hear slight changes indicating a very small or deep target has been detected.

Select the ALL-METAL mode using the UP / DOWN touchpads and then press the MENU to activate the AUDIO THRESHOLD icon. Adjust the threshold to a comfortable level using the UP / DOWN touchpads. Press the Pinpoint touchpad to start hunting.

AUDIO TONES:

The X10 Pro offers six (6) different audio options to choose from. They are:

- C1: In this option, all targets – from iron to silver – will produce the same tone. It offers little target information
- C2: This option produces 2 tones . . . iron will be a low tone and all other targets will produce a mid-tone
- C3: This option produces 3 tones . . . iron is a low tone; mid-range targets a mid-tone and copper / silver a high tone
- C4: This option produces 4 tones . . . iron being the low tone and the remaining range from 20 to 99 is divided up into 3 zones with each producing a noticeably higher tone
- C5: This option produces 4 tones . . . iron being the low tone and the remaining range from 20 to 99 is divided up into 4 zones with each producing a noticeably higher tone
- C6: This option produces a single tone for all accepted targets which varies in pitch based on the strength of the signal from the target.

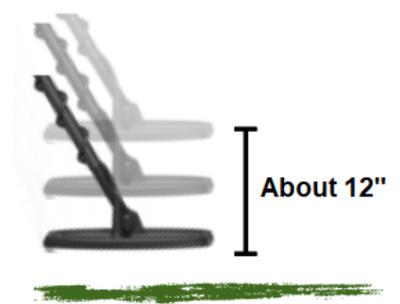
For most forms of treasure hunting, the C3, C4 or C5 options will be the preferred choices. These allow you to identify the type of target you have detected based on the audio response and then determine if it is worth recovering based on the Target ID # that appears on the screen. The C2 and C6 options are preferred when relic hunting or searching for shallow targets.

GROUND BALANCING:

Mineralization in the ground can affect how any metal detector performs. The more mineralized the ground is, the more the signal being sent into the ground is affected which results in reduced detection depth, less accurate target identification and more chatter as you sweep the coil over the ground. Your Quest X10 Pro has the ability to ignore the effects of ground mineralization through its Ground Balance circuit. It is recommended that you use the Ground Balance function whenever you arrive at the hunt site to ensure the X10 Pro is set properly.

To set the Ground Balance, press and hold the Ground Balance touchpad (see #4 on Page 3) while pumping the coil towards the ground and then raising it about 1 foot. Continue the pumping until you hear a short beep and observe the Ground Balance setting as shown on the screen stabilize.

- While areas with no or very low levels of mineralization may not have a noticeable impact on the X10 Pro's performance, it is recommended that you check the ground conditions whenever you start hunting.
- If you notice that the ground conditions have changed from where you started, repeat the process to ensure the X10 Pro is ignoring the mineralization present in your current search area.



Pinpointing Targets with the Quest X10 Pro

Locating a target is only half the challenge when it comes to adding it to your collection . . . you still need to recover it. The more accurately you pinpoint a target, the faster you will be able to recover it and move on to the next target. Practicing on targets that you have buried in your yard will shorten the time needed to become proficient at pinpointing targets and allow you to find more in the time you have in the field.

Pinpointing with the “Criss-Cross” Method	Pinpointing with the “Detuning” Method
	<ol style="list-style-type: none"> 1. Move the coil off to the side of the detected target 2. Press and hold the PINPOINT touchpad 3. Move the coil towards the area where the target was detected 4. As the audio signal starts to increase, release the PINPOINT touchpad and immediately press and hold it again. The audio response will disappear as the X10 Pro detunes itself to the target. 5. Continue slowly moving in towards the target area and repeat step 4 until you are receiving just a small, well-defined audio response from the target. 6. When you have detuned the X10 Pro to the point that you only get a signal over a small area, target will be directly below the point where the shaft connects to the coil. <p>NOTE: If you detune it to the point the signal disappears completely, simply move away and start the process over again.</p>
<ol style="list-style-type: none"> 1. Move the coil off to the side of the detected target 2. Press and hold the PINPOINT touchpad 3. Move the coil over the area where the target was detected in an “X” pattern (see figure to the left). 4. Watch the screen and see where the shallowest depth reading is shown and the loudest audio signal is produced. 5. The target should be directly below the point where the shaft connects to the coil at the indicated depth. 	

Quest X10 Pro's Technical Specifications

Detection Platform:	CVX Compact VLF
Display:	3" LCD 60x45mm
Search Coil:	Waterproof Turbo-D BladeS 9x5"
Internal Battery:	1000mAh Li-Po battery for 8~12Hrs
Recharge method:	USB-C port
Audio output:	Built-in speaker or 3.5mm or USB-C wired headphones
Environmental Protection:	Weatherproof to 3 meters
On-Screen Information:	Battery level, Audio level, Target ID, TID bars (10 segments), Target Depth , Sensitivity level, Search modes, Threshold level and # of Tones
Search modes:	Four (4) - All Metal, Coin, Jewelry User Customizable
Shaft Adjustment Range (measured from handle to coil joint):	from 55 cm (22") to 104 cm (41")
Operating Frequency:	single 12 kHz
Target ID Range:	1 to 99
Armrest:	V shape with built-in stand to hold unit upright
Unit Weight:	850 grams / 1.9 lbs. (w/o middle rod) 947grams / 2.1 lbs. (with middle rod)
Non-Motion Pinpoint Function:	Yes
Ground Balance:	Yes
Flashlight:	Yes
Backlight for Screen	Yes

Product Care Tips

- Do not wrap the coil cable too tightly around the shaft as adjusting the coil can pull on the cable damaging the wire or the connection
- Do not store the device where prolonged exposure to extreme temperatures can occur to avoid damaging the X10 Pro. Leaving it in a car during the summer should be avoided for this reason.
- Never use a hard or sharp object to operate the touch pads or damage may result.
- Avoid chemical cleaners, solvents, and insect repellents that can damage plastic components and finishes.
- Secure the weather cap tightly to prevent damage to the USB port or allow moisture / sand to enter it.
- Even small amounts of moisture can cause corrosion of the electrical contacts when connected to a charger – ensure it is dry!
- If you are storing the detector for an extended period of time, recharge the internal battery every 4 – 6 months
- The X10 Pro is waterproof to 3 meters. When you take it out of the water, rinse it and your waterproof headphones (if attached) with fresh water to remove any sand or dirt which can cause problems if allowed to buildup.

CLEAN YOUR DETECTOR WHEN YOU GET HOME

- Turn off the detector before you start to wipe it down.
- Wipe the device using a damp cloth using nothing more than a mild detergent solution.
- Wipe it dry with soft, clean, lint-free cloth. Allow the device to dry completely before reassembling it.
- Gently wipe the screen with the cloth.

Troubleshooting

SYMPTOM	SOLUTION
Detector does not turn on	<ul style="list-style-type: none"> • Ensure the battery is fully charged • If battery is fully charged, contact your dealer to help resolve the problem
Detector turns on but will not detect metal	<ul style="list-style-type: none"> • Ensure the search coil is properly connected to the control housing • Check the Sensitivity level – if set too low, detection depth will be limited
Target detection appears on the screen but there is no audio	<ul style="list-style-type: none"> • Ensure the Volume is not set too low • Check to see if there are headphones connected to the back of the control housing • Plug in a set of headphones to see if there is a problem with the internal speaker
Excessive chatter or false signals received	<ul style="list-style-type: none"> • Reduce the Sensitivity level • Check the Ground Balance as ground conditions may have changed • Try another part of the site you are searching – there may be a large number of targets present • Electrical interference in the area may be the cause. If reducing Sensitivity does not help, you may need to come back at a different time to see if the cause is no longer present.
High/Low audio signal	<ul style="list-style-type: none"> • This is the overload signal. Lift the coil a few inches and recheck the area.
Target ID #'s and audio tones jumps around	<ul style="list-style-type: none"> • Typically, this indicates the coil is either passing over multiple targets or trash. Turn 90 degrees and wiggle the coil across the target. See if you can separate multiple targets or determine if it is a larger piece of trash.;

If the solutions above do not address the issue you are experiencing, reset the X10 Pro to its factory settings. Turn the detector off and then hold the POWER touchpad for 5 seconds. All of the icons on the screen will illuminate indicating the detector has been reset.

Warranty & Service Information

Quest Metal Detectors provides a two-year warranty on all of our detectors. To register your Quest X10 Pro, please go to our website at www.QuestMetalDetectors.com and click on SUPPORT. Scroll down to REGISTRATION and fill out the form to activate your two-year warranty. If you have difficulty registering your detector online, please contact the dealer you purchased it from to finish the process.

For your records, fill out the form below to help expedite any warranty work that you might require.

Date Of Purchase		MM / DD / YY
Serial Number	Model Name	
<input type="text"/>	<input type="text"/>	
Where Purchased:		
<input type="text"/>		

Accessories for the Quest X10 Pro

Quest Metal Detectors provides a complete line of accessories for your X10 Pro that will help you enjoy your time in the field as well as find more and recover targets faster. Some of the recommended accessories for the Quest line of metal detectors include the following:



XPointer Max



XPointer Pro



XPointer®



Diamond Digger



Scoopal® Sand Scoop



Waist Pouch



15x11 TitanS



13x9 BeastS



11x9 RaptorS

CODE OF ETHICS

The hobby of treasure hunting has grown exponentially over the past 20 years or so which has turned it into a hobby enjoyed by people of all ages and walks of life. Unfortunately, as more and more people explore sites with their metal detectors, there has been an increase in the number of people that are willing to trespass, ignore existing restrictions on where detecting is allowed and leave open holes and trash laying around. This has resulted in many areas being closed to metal detecting which hurts all of us. The Federation of Metal Detector and Archaeological Clubs Inc. or FMDAC for short was organized in 1984 by hobbyists and manufacturers as a legislative and educational organization dedicated to the preservation, promotion, and protection for the hobby of recreational metal detecting and prospecting. The following *Code of Ethics* is one that was developed and endorsed by the FMDAC and should be part of how you approach the hobby of treasure hunting.

- I will always check Federal, State, County and local laws before searching. It is my responsibility to "know the law".
- I will respect private property and will not enter private property without the owner's permission. Where possible, such permission will be in writing.
- I will take care to refill all holes and try not to leave any damage.
- I will remove and dispose of any and all trash and litter that I find.
- I will appreciate and protect our inheritance of natural resources, wildlife and private property.
- I will as an ambassador for the hobby, use thoughtfulness, consideration and courtesy at all times.
- I will work to help bring unity to our hobby by working with any organization of any geographic area that may have problems that will limit their ability to peacefully pursue the hobby.
- I will leave gates as found.
- I will build fires in designated or safe places only.
- I will report to the proper authorities any individuals who enter and or remove artifacts from federal parks, state / local preserves or designated historical sites.