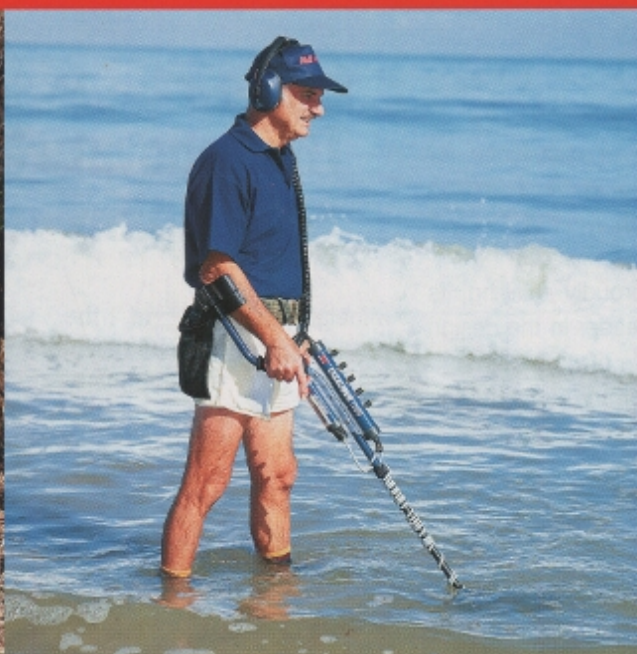


Success with Minelab



# Product Catalogue

Superior Design,  
Superior Performance

D & K DETECTOR SALES  
13809 S. E. Division  
Portland, OR 97236 761-1521  
OUTSIDE OREGON CALL:  
1-800-542-GOLD



**MINELAB**

MINELAB ELECTRONICS  
PTY. LIMITED

118 Hayward Avenue  
Torrensville  
South Australia 5031

Telephone  
(61 8) 8238 0888

Facsimile  
(61 8) 8238 0890

In 1985 Minelab Electronics was formed in South Australia, with the view to becoming a 'centre of excellence for metal sensing technology' - a 'mining laboratory', or Minelab.

Today Minelab is proudly fulfilling its mission as a world leader in the design and development of hand held consumer and military/humanitarian land mine metal detector technology.

Minelab is an ISO 9001 Quality Endorsed Company. ISO 9001 is a worldwide quality standard certification which ensures the highest level of product quality for our customers.



## Minelab Electronics The Innovative Company

Minelab is one of the largest manufacturers of metal detectors in the world. Our commitment to the development of new technologies and customer satisfaction ensures our

world-wide advantage in the hand held detector market. Minelab products are distributed throughout Australasia, USA, South America, Europe, the United Kingdom and Africa.

Minelab is proud to be a manufacturer of high quality, value-added products which provide both enjoyment and prosperity to its customers around the world.



3 dimensional product modelling



State-of-the-art manufacturing

### Technology in Minelab Detectors

*Minelab is the world leader in metal detector technology. To enable you to make an informed choice when buying your detector, the different technologies are explained below.*

#### What is VLF Very Low Frequency technology?

Conventional VLF detectors transmit a continuous magnetic field into the ground on one set frequency. This VLF or Very Low Frequency technology as the name implies, operates at lower frequencies. The conventional range is from 3 kHz to 50 kHz.

Minelab is now producing detectors which operate at slightly higher than 50kHz and lower than 3kHz frequencies, to gain greater depth and sensitivity.

#### What is BBS Broad Band Spectrum technology?

Unlike other metal detectors which operate on one or two frequencies, BBS technology transmits 17 separate frequencies over a range of 1.5 kHz to 25.5 kHz. All 17 frequencies are transmitted together at one time, spread over a wide spectrum. BBS technology means you have more depth, greater sensitivity and more accurate discrimination.

#### What is MPS Multi-Period Sensing technology?

Minelab's MPS technology transmits a stream of alternating short and long pulses of magnetic field into the ground. These pulses cause metal objects in the ground to produce a changed magnetic field of their own.

MPS technology is able to locate metal targets at up to 4 times the depth of conventional machines. MPS also means that very small targets may be found in the most difficult ground and you will dig less ghost or false targets.

***With Minelab technology you will find more targets, more often.***

## Automatic Ground Tracking, (AGT).

The ground contains minerals. If the level of these minerals increases, it can cause a detector to produce 'false signals'. To overcome these 'false signals' it is necessary to balance the detector to compensate for mineralisation.

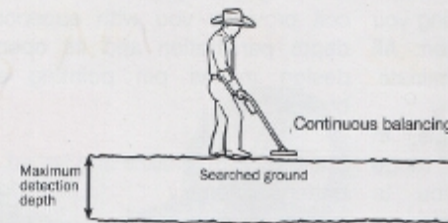
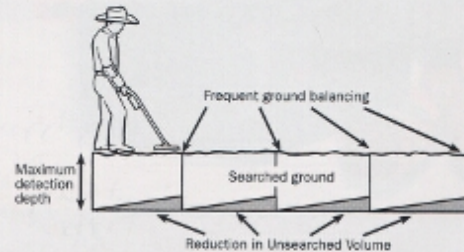
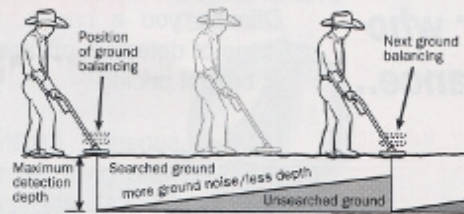
This technique is known as 'ground balancing'. Traditionally it is done manually by turning a control knob. This requires constant adjusting as soil conditions continue to change. The alternative to this is 'Automatic Ground Tracking'. Developed by Minelab, AGT enables the detector to track the changes in ground mineralisation and automatically adjusts the ground balance to ensure full detection depth is achieved at all times.

**Figure 1** shows normal searching without AGT. Ground noises reduce the effective searching depth when you move from where you last ground balanced. The grey shaded area shows ground which is not properly searched.

**Figure 2** shows how a hardworking experienced professional will avoid missing gold and treasure in that area. The detector is re-balanced more often, which is very time consuming.

**Figure 3** shows how genuine Automatic Ground Tracking covers all the ground quickly and effectively....  
...covering more ground in less time.

The following diagrams show how Automatic Ground Tracking (AGT) allows you to cover more ground in less time.



## What is Discrimination?

Discrimination is the ability of a metal detector to identify the type of metal located and eliminate unwanted metal material such as junk or trash items.

All good coin, treasure and underwater detectors have discrimination electronics. This allows you to ignore unwanted objects such as iron, steel and pull-tabs, while detecting only valuable objects such as silver, gold, brass and copper.

Discrimination measures the level of conductivity of a metal object. This conductivity range determines what type of metal is being detected.

## Operating Frequencies?

Frequencies in a metal detector are referred to in kHz (kilo hertz), which is the number of times a signal is transmitted into the ground and received back, per second.

The lower the detector's frequency, the deeper it will penetrate. However, its sensitivity to smaller targets may be reduced. On the other hand, the higher the detector's frequency, the higher its sensitivity to even the smallest targets, but it may not penetrate as deeply.

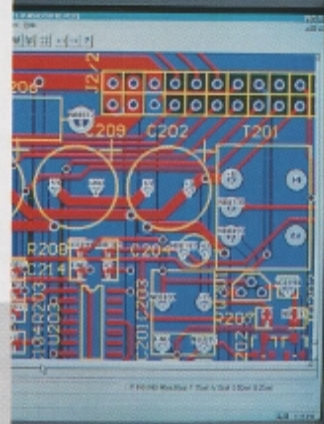
Generally, gold detectors operate at a higher frequency for locating small gold nuggets. Coin, relic and treasure hunting detectors operate at lower frequencies for greater depth penetration.

Detector Model	Technology
Musketeer Series	VLF 5 kHz
Sovereign Series	BBS 17 Frequencies
Relic Hawk (Specialist Relic)	VLF+ 5 kHz
Excalibur Series	BBS 17 Frequencies
Golden Hawk	VLF 6.4kHz, 20kHz, 60kHz
XT 18000	VLF 6.4kHz, 20kHz, 60kHz
SD Series	MPS Pulse Induction



Minelab's head office and factory - Torrensville South Australia

PCB software optimising product performance and reliability...



Circuit boards are produced utilising computer driven pick and place machinery to maintain 100% accuracy...

# Musketeer Treasure Searcher

**Ideally suited to the treasure hunter who values performance...**



### **Deep, Powerful and Reliable**

Offering you a choice, the Musketeer range of detectors offer real performance at budget pricing.

Having superior depth, fast target response and great sensitivity, you will find targets well beyond the reach of similar priced detectors. The **raw power** of these machines will amaze even the most seasoned hunter.

Suitable for the novice or intermediate detector user, the Musketeers are lightweight and easy to operate.

The tough waterproof all terrain Treasure Searcher coil provides super depth and unrivaled versatility.

Accessory combinations allow you to tailor your Musketeer to suit your needs.

The Musketeer XS Pro is the premium Musketeer, providing you with 3 modes of operation: **All Metals**; **Pin Point**; and **Discriminate**.

These specialised controls, in addition to full range discrimination, allows you to choose the types of objects you want to find while ignoring the junk.

A ground adjust control will compensate for changing soil conditions ensuring maximum detection depth at all times.

The tough waterproof TS 1000 10" coil provides you with superior depth penetration and its open design makes pin pointing a breeze.

Standard with Alkaline and NiCad Battery systems.



Standard with the tough all terrain 10" TS 1000 coil



Musketeer XS Pro Control Box

## **Musketeer XS Pro**

*...treasure hunting in a creek bed*

*Old farms, sheds, shelters...any place with a history can be loaded with treasure*



## Musketeer XS

The new Musketeer XS has similar features and performance to the Musketeer XS Pro.

The Musketeer XS is supplied with the tough all terrain 8" TS 800 coil. This open design, lightweight coil can be

swung all day and is fantastic for target pin pointing.

Standard with Alkaline battery system.

Standard with the tough all terrain 8" TS 800 coil.

### Raw Power



Musketeer XS Control Box

## Musketeer Colt

The Musketeer Colt offers you **raw power** at a budget price. Easy to use and excellent depth.

Upgrade with accessories anytime to suit your needs.

Standard with Alkaline battery system.

Standard with the tough all terrain 8" TS 800 coil.



Musketeer Colt Control Box

## Comparison Chart

Feature	Musketeer Colt	Musketeer XS	Musketeer XS Pro
Technology	VLF	VLF	VLF
Frequency (kHz)	5	5	5
Manual Ground Adjust		✓	✓
Discriminate Mode	✓	✓	✓
Variable Discriminator	✓	✓	✓
Sensitivity Adjustment	✓	✓	✓
Coil Supplied	TS 800 - 8"	TS 800 - 8"	TS 1000 - 10"
Battery System Supplied	AA	AA	AA/Nicad

*'The Musketeer XS stands apart...it's a no-nonsense, kind of detector that offers the operator raw power, wide-scan coil capabilities, and ease of operation at a very affordable cost.'*

*'Who could ask for more from a detector?'*

**Ed Fedory**  
 - Reprinted with Permission of Western & Eastern Treasures Magazine, April 1998



# Sovereign XS-2

BBS Technology

**An easy to use  
'Switch On and Go'  
detector lets the  
features and  
technology work  
for you...**



**Amazing Depth  
Find More Targets More Often**

The Sovereign XS-2 Series features Minelab's unique **BBS multiple frequency technology.**

Automatically operating at 17 individual frequencies at the same time, the Sovereign XS-2 detectors find targets at incredible depths.

The new **Digital Target Indication Meter** enhances the existing features of the detectors, significantly improving target identification accuracy prior to target recovery.

The Sovereign XS-2 detectors supplied with the tough waterproof BBS coils, are extremely stable, sensitive to non-ferrous metals, and tough enough to take the roughest treatment.

The **New Sovereign XS-2 Pro** is Minelab's top of the range coin and relic detector. It has all the electronic features of the standard Sovereign XS-2, including a larger search coil (for greater depth penetration). A rechargeable battery system plus the **new Digital Target Indication Meter** are standard features.

Automatically operating at 17 individual frequencies at the same time (**BBS Technology**), and the ability to compensate for changes in ground conditions (particularly high levels of conductivity or salt), enables far greater depth penetration and stability.

The addition of the new **Digital Target Indication Meter** enhances the existing discrimination features of full range, notch discrimination and variable tone ID, while improving target identification accuracy prior to recovery.

This meter, combined with the discrimination accuracy benefits of multiple frequency technology, provides the operator with extremely accurate target identification at great depth.

Standard with Alkaline and NiCad battery systems.



Standard with the tough all terrain 10" BBS 1000 coil



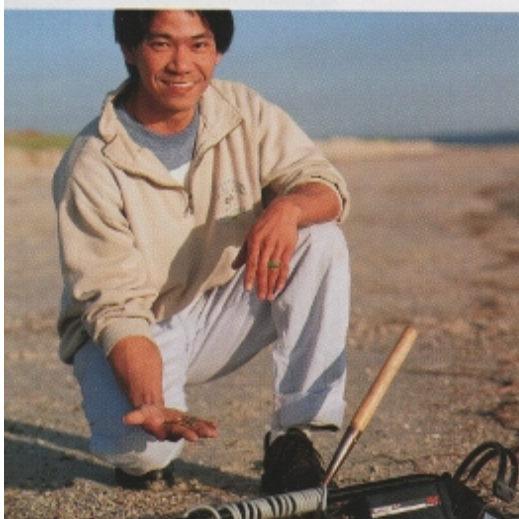
Sovereign XS-2 Pro Control Box

## Sovereign XS-2 Pro



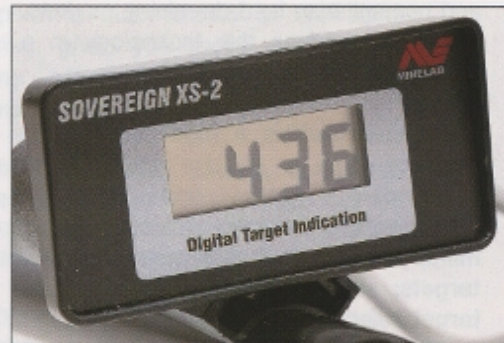
...treasure hunting at the beach

Old farms and sheds are great areas to hunt for relics and treasure



# Digital Target Indication Meter

- Produces a numerical reading of the object detected
- Enhances target discrimination
- Large display to enable easy reading
- Large numerical separation between targets
- Ferrous objects produce a minus readout for easy identification
- Compatible with all models of Minelab Sovereign
- Easily calibrated to suit individual coil size, soil conditions and target type
- 12 month factory warranty



In playgrounds, in a park or around ruins and old ghost towns...



...the power of the Sovereign XS-2 detectors is unbeatable.

*'In only a few short hours of hunting, I found 14 quarters, 70 dimes, 34 nickels, 126 pennies and a small gold ring, and much, much more...*

*...and all in areas which I, and others, have heavily hunted in the past.'*

**Mike Wilson**  
- Newark, Ohio

## Sovereign XS-2

The economy Sovereign XS-2 has exactly the same electronic features as the powerful Sovereign XS-2 Pro. It is easily upgraded to include the new Digital Target Indication Meter, 10" BBS coil, and the NiCad battery system.

The Sovereign XS-2 is supplied with a tough 8" all terrain BBS 800 search

coil. This coil is completely waterproof, lightweight and provides super depth.

Standard with Alkaline battery system.

Standard with the tough all terrain 8" BBS 800 coil



Sovereign XS-2 Control Box

...treasure hunting in a popular picnic area

## Comparison Chart

Feature	Sovereign XS-2	Sovereign XS-2 Pro
Technology	BBS	BBS
Frequency BBS	Multiple	Multiple
Automatic Ground Tracking	✓	✓
Variable Discrimination	✓	✓
Notch Discrimination	✓	✓
Digital Target Indication Meter		✓
Coil Supplied	8"	10"
Battery System Supplied	AA	AA/NiCad



# Relic Hawk VLF+ Technology

**A world first  
for the serious  
relic hunter...**



Minelab's superior technology has achieved outstanding success in military and humanitarian land de-mining markets. We now introduce this technology in a dedicated **Relic Machine**.

The Relic Hawk is a high performance detector that is military tough, with outstanding depth and excellent discrimination. Features include; **rugged military styling; fast shut-down between targets; simple operation and variable target selection.**

The all new **Mode** feature lets you tailor your detecting to your specific requirements.

The Relic Hawk has been tailored specifically to suit the soil conditions of **North America and Europe.**

The Relic Hawk provides you with 3 modes of operation: **All Metals; Pin Point;** and **Discriminate.**

This range of controls, including discrimination, allows you to choose the type of objects you want to find, while ignoring the junk.

The **all new Mode** switch enables you to control the detector's sensitivity to a variety of targets.

**S mode (small)** Ideal for locating small, shallow targets.

**N mode (normal)** Default position for a wide variety of targets.

**L mode (large)** Ideal for locating deeper, larger targets.

The balance control will compensate for changing soil conditions ensuring maximum detection depth at all times.

The tough 15" all terrain coil provides you with superior depth penetration and its open design makes pin pointing a breeze.

Standard with 12v Gel Cell 25hr rechargeable battery (with hipmount battery pouch) and charger.

Standard with the tough 15" DD waterproof coil



## Relic Hawk

Trying out the new Relic Hawk...

...a variety of US Civil War relics



## Specification Chart

### Feature

Technology	VLF+
Frequency (kHz)	5
Ground Adjust	✓
Discriminate Mode	✓
Variable Ferrous Discriminator	✓
Sensitivity Adjustment	✓
Fixed/Manual Ground Balance	✓
Mode Switch	✓
Coil Supplied	15" Round DD
Battery System Supplied	12V Gel Cell
Headphones	600Ω



# Excalibur BBS Technology

## The world's best underwater and beach detector...

The unique design of the new **Minelab Excalibur** allows you to use it effectively in or out of the water. Whether working the beach, wading at any depth or diving on a wreck to **200 feet**, the **Excalibur** will perform **everytime**.

Minelab's easy to use **BBS Technology** (with 17 individual frequencies operating automatically at the same time), **gives you more power than any other machine you've ever dreamed of.**

The super-tough, **hi-tech, open web search coil** may be lightweight, but it is built to take a tough workload and the hard knocks.

This combination means that with the Excalibur you'll be finding more targets, more often.

*'The Excalibur is so simple to use, yet its performance is unbelievable. In my first outing I discovered pre-decimal florins and sixpences, \$1.00 and \$2.00 coins and a mountain of rings, 33 targets in all.*

*'The Excalibur is already well on its way to paying for itself.'*

Gavin Molloy  
New South Wales,  
Australia

## Excalibur 1000

Featuring two operating modes; **All Metal and Discriminate.**

In **Discriminate** mode, the Excalibur will ignore most ferrous objects and still detect the valuable non-ferrous objects such as gold and silver.



Choose from two models. The **Excalibur 1000** with **10-inch** search coil or the **Excalibur 800** with **8-inch** search coil.

Standard with the tough BBS 1000 10" waterproof coil

## Excalibur 800 Shown with diving shaft

A **rechargeable battery pack** separated from the electronics cylinder allows easy access for recharging - **there is no need for you to touch any seals.**



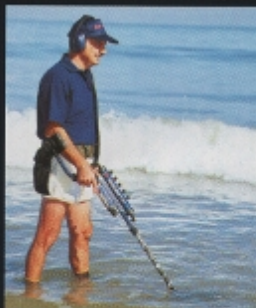
Standard with the tough BBS 800 8" waterproof coil

On the beach or 200 feet underwater...

## Comparison Chart

Feature	Excalibur 800	Excalibur 1000
Technology	BBS	BBS
Frequencies	Multiple	Multiple
Automatic Ground Tracking	✓	✓
Discriminate Mode	✓	✓
Coil Supplied	8" BBS 800	10" BBS 1000
Battery System Supplied	NiCad	NiCad

... detecting with Minelab's Excalibur 1000



# Golden Hawk Gold Detector

## Outstanding technology

## Military styled features

## A superior gold hunting machine...

The Golden Hawk is one of the world's most advanced gold detecting machines. It is the first machine of its type to be built with military styled features.

This machine has 3 separate operating frequencies, all with excellent discrimination.

Featuring Minelab's unique **Automatic Ground Tracking System**, it enables you to detect more ground, more deeply and in less time.

The new **Mode feature** allows you to tailor your detecting to your specific requirements.

Based on Minelab's successful range of military detectors, the features of the outstanding Golden Hawk include;

**concealed coil cable** (no more winding cables around shafts), **heavy duty connectors**; **long-life rechargeable hipmount battery pack** and **fully adjustable quick action armrests, handle and shaft.**

The Golden Hawk has been tailored specifically to suit the soil conditions of **North America and Europe.**

**Not suitable for Australian conditions**

The Golden Hawk provides you with 3 detecting frequencies; **6.4 kHz, 20 kHz** and the super sensitive **60 kHz.**

Its micro-processor controlled electronics has **three ground tracking modes**: Fixed Ground Balance; Track (1) for fast and Track (2) for slow automatic ground balance.

A **Soil Condition switch** for either mineralised or quiet ground, plus the **all new Mode switch**, enables you to control the detector's sensitivity to a variety of targets.

**S mode** (small) Ideal for locating small, shallow targets.

**L mode** (large) Ideal for locating deeper, larger targets.

A three-setting audio boost control to enhance hard to hear signals.

The new 8" military style all terrain coil provides great depth and sensitivity.

Standard with 12v Gel Cell 25hr rechargeable battery and charger (with hipmount battery pouch).

Your detector is housed in a protective military style back pack/carry bag.

Standard with the 8" Round DD coil



Front panel of Golden Hawk Control Box

Control box supplied with hipmount/shoulder mount bag.

## Specification Chart

### Feature

Technology	VLF
Frequency (kHz)	6.4, 20, 60
Automatic Ground Tracking	✓
Discriminate Mode	✓
Variable Ferrous Discriminator	✓
Sensitivity Adjustment	✓
Difficult Soil Switch	✓
Mode Switch	✓
Audio Boost	✓
Coil Supplied	8" Round DD
Battery System Supplied	12V Gel Cell
Headphones	600Ω

Field testing the new Golden Hawk

## Golden Hawk



# XT 18000 Gold Detector

## The XT 18000 Minelab's triple frequency, AGT gold detector ...

The Minelab XT 18000 has three nugget hunting frequencies; 6.4 kHz; 20 kHz; and the new SUPER SENSITIVE 60 kHz.

The XT 18000 features Minelab's unique **Automatic Ground Tracking System**, the only truly effective system which enables you to detect more ground, more deeply and in less time - you'll spend less time ground balancing and more time finding nuggets!

The **'Iron Reject'** discrimination mode allows you to leave unwanted iron trash items such as nails in the ground while digging more valuable targets.

This frequency combination maximises detection depth and enables super sensitivity for tiny gold nuggets of less than one gram in size.

The **Standard 10" elliptical coil** is super sensitive to tiny nuggets, extremely light weight, easy to swing, and is shaped to move easily through the brush.

A **'Drop In'** battery system enables you to quickly and easily change rechargeable battery packs while you're out hunting.

The **'Target Signal Response System'** has been enhanced to permit you to hear target signals from gold more easily. This will dramatically increase the number of nuggets that you'll find!

Standard with the 10" Elliptical Double D coil

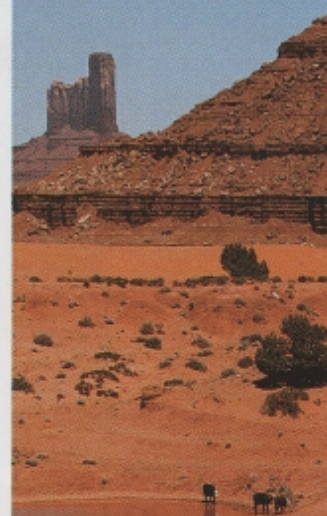


Hunting gold, Las Vegas, Nevada...

*'I have extreme confidence in the Automatic Ground Tracking and the XT 18000's ability to positively distinguish between ground mineralisation, a rock and a deep target. The detector displayed exceptional stability even when used for long hours, its depth capabilities are excellent.'*

*Controlled testing indicated an exceptional response to gold nuggets including extremely small ones.'*

**Reg Sniff**  
- reprinted with the permission of Lost Treasure Magazine.



## Specification Chart

### Feature

Technology	VLF
Frequency (kHz)	6.4, 20, 60
Automatic Ground Tracking	✓
Audio Boost	✓
Difficult Soil Switch	✓
Iron Reject	✓
Coil Supplied	10" Elliptical DD
Coils Available	8" Round DD, 11" Round DD
Battery System Supplied	NiCad and Alkaline



# Super Detector MPS Technology

**The world's most powerful gold detector the SD 2200D ...**



The SD 2200D combines the benefits of **Minelab's unique MPS technology** with four outstanding new features to provide you with the best chance to find gold.

For the first time, a Super Detector has the ability to discriminate between metal objects. Most trash iron objects near the surface will be discriminated, or when in

the DISC + ID mode, different metal objects will produce different signals indicating the type of object detected.

Minelab's unique **Automatic Ground Tracking System (AGT)** (the only truly effective automatic ground balancing system in highly mineralised goldfields), provides you with maximum detection depth at all times. Less time ground balancing simply means more time detecting for nuggets.

An **audio boost** makes faint signals more defined, this means you will now be able to find those small gold pieces much deeper.

**Auto Tune control** minimises the effects of electromagnetic interference from power lines, radio transmitters and other metal detectors. With a simple push of a button, your SD 2200D will automatically select the optimum detection frequency.

These features add up to make the SD 2200D the world's best gold detector. The SD 2200D gives you the power to find more gold nuggets than any other detector available today.

**The power to find more gold, more often.**



Standard with the 11' DD coil

## SD 2200D

SD 2200D Control Box

SD 2200D - Front Panel



SD 2200D - Rear Panel



Field testing the SD 2200D



# Accessories

## TS 800 8" Coil

This 8" Coil suits the Musketeers and is fully submersible. Designed for sensitivity to coins and relics.

*(Also suitable for Eldorado, Sterling, Tribune and earlier model detectors)*



## TS 1000 10" Coil

This new fully submersible 10" Coil is designed specifically for the Musketeers. Super tough and reliable, this coil provides excellent depth penetration.

*(Also suitable for Eldorado, Sterling, Tribune and earlier model detectors)*



## BBS 800 8" Coil

Designed for the Sovereign detectors this 8" Coil is fully submersible. With a PCB incorporated into it, the BBS 800 coil is extremely stable and provides excellent sensitivity.



## BBS 1000 10" Coil

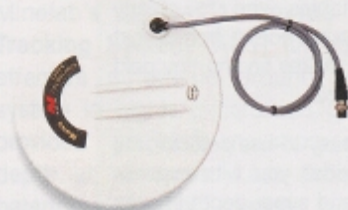
The ultimate Sovereign water coil, the 10" BBS Coil provides super depth and sensitivity. The PCB incorporated into it makes this coil extremely stable and easy to use.



## SD Series 8" Monoloop

### Super Gold Search Coil

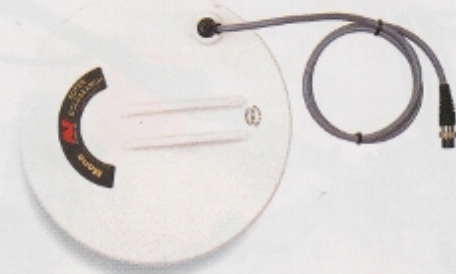
This 8" Coil is designed to be sensitive for detecting small gold nuggets at depth.



## SD Series 11" Monoloop

### Super Gold Search Coil

Additional 11" Accessory Coil for our Top of the Range SD Series Detectors. The more sensitive Monoloop Coil detects smaller nuggets at a greater depth than the Double D.



## SD Series 18" Monoloop

### Super Gold Search Coil

The 18" Accessory Coil has been designed with the serious prospector in mind, to locate larger nuggets at greater depths. The new coil design provides greater depth whilst remaining stable in most conditions.



## XT 18000 8" DD

### Gold Search Coil

The Double D configuration Coil is excellent for locating smaller nuggets, closer to the surface.



## XT 18000 11" DD

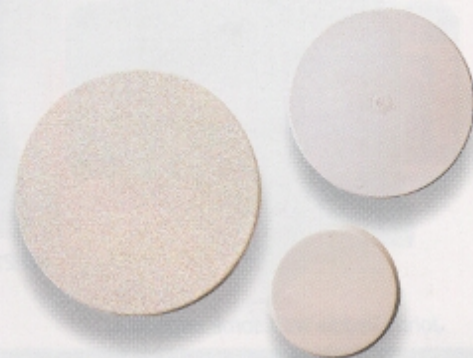
### Gold Search Coil

The Double D configuration Coil is excellent for locating nuggets at greater depths in the lower frequency range.



## Coil Covers

to protect and extend the life of your coil. Available for 8" and 10" TS coils, 8" and 10" BBS coils, 18" round, 11" round, 10" elliptical, 8" round, 6" round.



Join the Minelab team with Minelab caps, T-shirts and jackets



# Accessories

## TS 800 8" Coil

This 8" Coil suits the Musketeers and is fully submersible. Designed for sensitivity to coins and relics.

*(Also suitable for Eldorado, Sterling, Tribune and earlier model detectors)*



## TS 1000 10" Coil

This new fully submersible 10" Coil is designed specifically for the Musketeers. Super tough and reliable, this coil provides excellent depth penetration.

*(Also suitable for Eldorado, Sterling, Tribune and earlier model detectors)*



## BBS 800 8" Coil

Designed for the Sovereign detectors this 8" Coil is fully submersible. With a PCB incorporated into it, the BBS 800 coil is extremely stable and provides excellent sensitivity.



## BBS 1000 10" Coil

The ultimate Sovereign water coil, the 10" BBS Coil provides super depth and sensitivity. The PCB incorporated into it makes this coil extremely stable and easy to use.



## SD Series 8" Monoloop

### Super Gold Search Coil

This 8" Coil is designed to be sensitive for detecting small gold nuggets at depth.



## SD Series 11" Monoloop

### Super Gold Search Coil

Additional 11" Accessory Coil for our Top of the Range SD Series Detectors. The more sensitive Monoloop Coil detects smaller nuggets at a greater depth than the Double D.



## SD Series 18" Monoloop

### Super Gold Search Coil

The 18" Accessory Coil has been designed with the serious prospector in mind, to locate larger nuggets at greater depths. The new coil design provides greater depth whilst remaining stable in most conditions.



## XT 18000 8" DD

### Gold Search Coil

The Double D configuration Coil is excellent for locating smaller nuggets, closer to the surface.



## XT 18000 11" DD

### Gold Search Coil

The Double D configuration Coil is excellent for locating nuggets at greater depths in the lower frequency range.



## Coil Covers

to protect and extend the life of your coil. Available for 8" and 10" TS coils, 8" and 10" BBS coils, 18" round, 11" round, 10" elliptical, 8" round, 6" round.



Join the Minelab team with Minelab caps, T-shirts and jackets



Ask your Minelab representative about our extensive range of genuine Minelab spare parts.

Genuine Minelab accessories come with a factory warranty. All conditions are explained on the warranty card supplied with any product or accessory purchased.

**Coil Extension Cables**

4 pin, Goldsearch  
5 pin, Supersearch



**NiCad Car Charger**

XT series, Sovereign  
and Excalibur series



**Battery Chargers**

A complete range of car and mains battery chargers for current detectors are available from your nearest Minelab dealer.

**SD Series Accessory Battery and Pouch**

6V Gel Cell 4.5 A/Hr Power Pack. Light weight for greater comfort.



Power Pack Pouch

Weight 988 grams

**Audio Telex Headphones**

High 600Ω impedance headphones. Highly sensitive to ensure even the faintest signal comes through loud and clear.



**SD Series 4.5A/Hr & 10A/Hr Batteries**

Available in a 6V Gel Cell 4.5A/Hr (weight 1000 grams) or a 10 A/Hr Power Pack. (weight 2058 grams)



**Digital Target Identification Meter for the Sovereign XS-2**

The new Digital Target Indication meter enhances the existing features of these detectors, significantly improving target identification accuracy prior to target recovery.



# Comparison Chart

All specifications tabled in this chart are based on the standard retail package of each model

Feature	Musketeer Colt	Musketeer XS	Musketeer XS Pro	Sovereign XS-2	Sovereign XS-2 Pro	Excalibur	Relic Hawk	Golden Hawk	XT 18000	SD2100	SD2200D
Technology	VLF	VLF	VLF	BBS	BBS	BBS	VLF	VLF	VLF	MPS	MPS
Frequency (kHz)	5	5	5	1.5 - 25	1.5 - 25	1.5 - 25	5	6.4/20/60	6.4/20/60	Multiple	Multiple
Microprocessor Controlled				•	•	•		•	•	•	•
Manual Ground Balance		•	•				•			•	•
Automatic Ground Tracking				•	•	•		•	•		•
All-Metal Mode	•	•	•	•	•	•	•	•	•	•	•
Pinpoint Mode		•	•			•	•				
Discrimination	•	•	•	•	•	•	•	•	•		•
Notch Discrimination				•	•						
Sensitivity Adjustment	•	•	•	•	•	•	•	•	•		
Volume Adjustment				•	•	•		•	•		
Threshold Adjustment				•	•	•		•	•	•	•
Soil Switch								•	•		
Audio Boost								•	•		•
Target Tone ID				•	•	•					
VDU Meter supplied					•						
Coil Types	Treasure Searcher	Treasure Searcher	Treasure Searcher	BBS	BBS	BBS	Relic	Golden	Goldsearch	Super Gold Search	Super Gold Search
Coil Sizes Supplied	8	8	10	8	10	8 or 10	15	8	10 Elliptical	8 & 11	11
Coil Detection Patterns	DD	DD	DD	DD	DD	DD	DD	DD	DD	Mono & DD	DD
Headphone Jack	•	•	•	•	•		•	•	•	•	•
Loud Speaker	•	•	•	•	•						
Batteries	AA	AA	AA/Nicad	AA	AA/Nicad	Nicad	Gel Cell	Gel Cell	AA/Nicad	Gel Cell	Gel Cell
Low Battery Alert	•	•	•	•	•	•	•	•	•	•	•
Battery Life Hours	12-15	12-15	12-15	12-15	12-15	12-15	25	25	12-15	15-20	12-15
Boxed Weight approx.	2.6kg	2.6kg	3.5kg	2.7kg	3.7kg	3.8-4.0kg	6.1kg	5.1kg	3.2kg	7.4kg	7.2kg
Hip Mount			•		•		•	•	•		
2 Year Electronics Warranty	•	•	•	•	•	1 year	•	•	•	•	•

NOTE: In the interest of product improvement, Minelab reserves the right to make changes without notice

# Minelab World Directory



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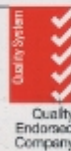
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