

# CZ-5 QUICKSILVER

High performance, deep-search, target-ID metal detector



**The Fisher CZ-5 QuickSilver has it all:** Visual target ID meter, three-tone audio target ID, big-target alert, depth reading, pushbutton pinpointing, wet-sand operation, deep-target audio boost, built-in speaker and the same electronic performance as the CZ-6 QuickSilver.

**Visual target ID:** The CZ-5's easy-to-read meter displays seven small-target categories: iron, foil, two types of pull tabs, nickels, zinc pennies and silver, copper and clad coins. When the powerful, dual-frequency, Fourier Domain classification circuitry makes an identification, the needle locks over the appropriate category. No programming, no razzle-dazzle, no nonsense ID.

**Three-tone, audio target ID:** A low tone means a ferrous or iron target, a medium tone means a pull tab or foil, and a high tone means you've probably found a coin. Plus, a distinctive bell tone alerts you to a big target.

**Fourier Domain Signal Analysis:** The CZ-5 uses this patented signal analysis system to identify deeper targets in mineralized soil. Two VLF, ground-compensated signals are transmitted, giving the circuitry two signals to analyze, compare and identify.

## FEATURES

- Visual target ID
- Three-tone, audio target ID
- Two-frequency, Fourier Domain Signal Analysis
- Built-in speaker
- Pushbutton depth reading and pinpointing
- Pushbutton ground adjust
- Big-target alert
- Increased depth in mineralized soil
- Turn-on-and-go, pre-set control markings
- Wet-sand mode
- Three-piece break down
- Faint-target audio boost
- Eight-inch, open-center Spider Coil
- Drop-in batteries
- Handle mount or hip mount
- Silent-search, VLF, slow motion discrimination
- Super-hot, wide-scan, all-metal, autotune mode
- Five-year limited warranty

**Pushbutton depth, VCO pinpoint:** Just push a button and the volume, pitch and needle rise as you approach your target and peak right over it. The meter gives a depth reading in inches for coin-sized objects. Precision pinpointing couldn't be any easier.

**Wet sand operation:** Salt water is no problem for the CZ-5. Just flip a switch, re-adjust your ground control, and search that wet sand you never could before.

**Audio boost volume control:** The lower range of this volume control is like any other you've ever used. But as you increase it above mid-range, loud, shallow-target response remains at a fixed volume while faint, deep-target sounds are amplified.

**Pushbutton manual ground adjust:** With the CZ-5, you get a quick and easy method of ground balancing. Just hold the coil above ground and push the pinpoint button. Then lower the coil to the ground and set the ground control just below the audio tone. That's all there is to it. No switches, no "beeps" and no bobbing the coil up and down.

**Target separation:** It's a sad-but-true fact that most gold rings, pull tabs, foil and nickels fall in the same conductivity range, meaning that a metal-detector user has to dig a lot of tabs and foil to find any rings or nickels. But not any more. The CZ-5 not only separates the nickels from the trash but the tabs from the tabs. It has separate ID

Easy-to-read target-ID meter requires no programming, no complicated number scheme

Volume control boosts signal of deep, faint targets

Ground control offers quick tuning for optimum performance

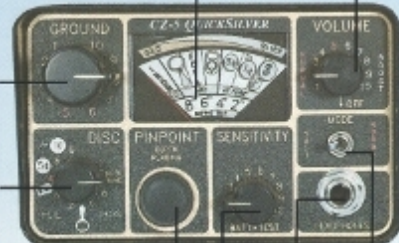
Discrimination control has hot, all-metal mode and pre-set discrimination points

Pushbutton, no-motion pinpoint control also gives depth reading

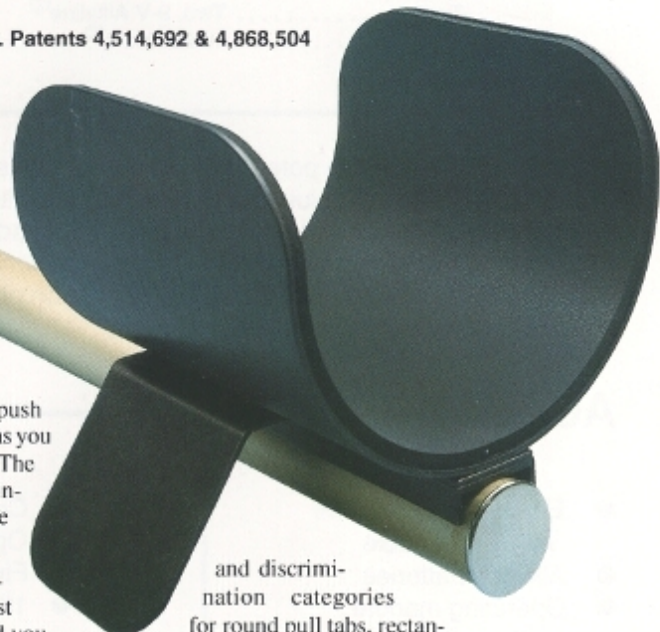
Sensitivity control provides maximum depth under varying conditions

Salt mode neutralizes effects of wet sand

Headphone jack



U.S. Patents 4,514,692 & 4,868,504



and discrimination categories for round pull tabs, rectangular pull tabs, foil and nickels. Rather than a complicated "notch" system, the individual categories are sequentially arranged to ensure maximum good-target recovery. In moderately trashy areas for example, you can set the CZ-5 to reject iron and round pull tabs and still dig nickels, other coins and all gold rings falling into the nickel, foil and rectangular-tab categories. Or in very heavy trash you may wish to eliminate foil as well and still dig rings falling into the rectangular tab and nickel categories.

**Want to know more?** Visit your nearest factory-authorized Fisher dealer for a hands-on demonstration. Write or call for a dealer list; send \$2 for a complete operating manual.

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**FISHER** M-SCOPE

# FISHER m-SCOPE CZ-5 QUICKSILVER

## SPECIFICATIONS<sup>①</sup>

<b>Length</b> <sup>②</sup> .....	Extended .....	51"	<b>Manual Ground Adjust</b> .....	Yes
	Collapsed <sup>③</sup> .....	41"	<b>Manual Threshold Tuning</b> .....	Autotune mode only
<b>Weight</b> <sup>②</sup> .....	Complete .....	3.7 lbs.	<b>Wet Sand Operation</b> .....	Yes <sup>⑧</sup>
	Control Housing .....	1.5 lbs.	<b>Handle mount/Hipmount</b> .....	Yes
	Handle and Coil .....	2.2 lbs.	<b>Built-in Stand and Arm Rest</b> .....	Yes
<b>Frequency</b> ..	1. Dual, VLF Search <sup>④</sup> .....	5 KHz and 15 KHz	<b>Audio Output</b> .....	Stereo Headphones .... Optional
	2. Target Response:			Speaker .....
	Iron ID.....	200 Hz (LO)	<b>Target ID</b> .....	Meter .....
	Foil and Tab ID..	450 Hz (MID)		Tone .....
	Coin ID.....	1 KHz (HI)		Lock-on, 7 categories
	Autotune .....	500 Hz - 1 KHz (VCO)		3 tones plus bell tone
	Pinpoint/Depth ..	500 Hz - 1 KHz (VCO) <sup>⑤</sup>		for large, shallow targets
<b>Operating Modes</b> .....	1. Autotune .....	VLF-Motion <sup>⑥</sup> , all-metal with threshold tone	<b>Faint Target Audio Boost</b> .....	Yes <sup>⑨</sup>
	2. Target ID.....	VLF-Slow Motion <sup>⑥</sup> , silent-search discrimination	<b>Search Coil</b> .....	Type .....
	3. Pinpoint/Depth .....	VLF, all-metal, no motion		Diameter .....
<b>Batteries</b> ...	Drop-in, no wires .....	Yes		Shielding .....
	Type .....	Two, 9-V Alkaline <sup>⑦</sup>		Interchangeable .....
	Life .....	10-20 hours <sup>②</sup>		Submersible .....
			<b>Warranty</b> .....	5-Year Gold Seal Limited <sup>⑩</sup>
				Concentric, Co-planar Spider coil
				8"
				100% ESI <sup>⑩</sup>
				Yes
				Yes

## CONTROLS

- **DISC.** Eight-position potentiometer. Seven pre-set discrimination points plus all-metal autotune position.
- **PINPOINT.** Pushbutton for pinpointing, depth reading and ground balancing (in conjunction with ground control).
- **SENSITIVITY/BATTERY TEST.** Dual function potentiometer and switch.
- **GROUND.** Ground-balance potentiometer.
- **MODE.** Two-position switch: "Normal" position and "Salt" position for wet, salt-water beaches.
- **POWER ON/OFF VOLUME.** Dual-function potentiometer and switch. Volume settings above midrange amplify faint, deep-target sounds, limit loud-target responses.<sup>⑨</sup>

## ACCESSORIES

### Standard

- Eight-inch Spider coil with 7-foot cable
- Alkaline batteries
- Operating manual

### Optional

- Carrying case
- Open and closed coil covers
- Five-inch coil
- 10 1/2-inch Spider coil
- Stereo Headphones
- Carrying Bag
- Holster for Control Housing

## Notes

1. Subject to improvement or modification without notice.
2. Approximate.
3. The CZ-5 disassembles to fit into an optional carrying case measuring approximately 6"x21"x15".
4. The CZ-5 Fourier Domain Signal Analysis transmits two VLF signals simultaneously for deeper target ID in mineralized soil.
5. VCO: Voltage Controlled Oscillator. Volume and frequency increase as target is approached for pinpoint accuracy.
6. The CZ-5 is a "motion" detector in the Autotune and Target ID modes. The search coil must be moving at least slightly to detect a target.
7. For maximum performance and battery life, always use Alkaline batteries.
8. Compensates for salt water and sand minerals simultaneously.
9. Volume control limits loud-target response, amplifies faint targets when level is set above 5.
10. ESI: Electro-Static Insulated to eliminate certain types of false signals.
11. One year parts and labor plus four years parts only. The length and terms of the warranty will vary outside the U.S. Check with your distributor for details.