

# CZ-7a Pro QUICKSILVER

## Microprocessor-Controlled, Hip-Mount, Target-I.D. Metal Detector

Here's just the kind of metal detector you'd expect from the world's oldest and proudest name in the business. A programmable, deep-seeking target-I.D. machine in a rugged, rainproof package that looks so good and feels so great, you won't want to put it down.

**Target I.D.:** LCD target identification with three distinct target tones and a soft bell tone for large, shallow objects.

**Programmable Notch:** Reject or accept any combination of seven target categories. Easy to program.

**Wet Sand Mode:** Saltwater beaches are easy pickings for you and a CZ-7a Pro.

**Dual Frequency:** Fourier Domain Signal Analysis system transmits two VLF frequencies for maximum depth and accuracy in mineralized soil.

**Touch-Pad Depth Reading, VCO Pinpointing:** Press a touch pad for easy, no-motion pinpointing and instant digital depth reading.

**Faint-Target Audio Boost:** Use this unique feature to amplify small, deep-target sounds and keep loud-target volume down to a comfortable level.

### Weather-proof:

The search coil is submersible and the control housing is 100 percent rainproof, even the built-in speaker.

**Convertible:** Slip the control housing off the handle grip, slide on the belt loop and put it on your hip.

**Turn-On-and-Go:** Just press the Preset touch pad and set the Ground Balance to 5 and you're in a Coins-Only search mode. Or use the easy Touch Pad Ground Balance method and the simple Notch system to fine tune the CZ-7a Pro to your exact requirements.

**Best of all, the CZ-7a Pro goes deep. It's so hot, it almost smokes! Visit your Fisher dealer and see for yourself. Write, call, fax or email for a dealer list. Send \$2 for a complete operating manual.**

**Call 1-800-M-SCOPE-1 (1-800-672-6731) for the Fisher dealer nearest you**

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

## CHECK THESE FEATURES!

- Lock-On LCD Target I.D.
- 3-Tone Audio Target I.D.
- Bright LCD Back Light
- Programmable Notch
- Big-Target Bell Tone
- Rainproof/Splashproof
- Touch-Pad Controls
- 3-Piece Breakdown
- Built-in Mylar Speaker
- Dual VLF Frequency
- Wet-Sand Beach Mode
- Wide-Scan Autotune Mode
- Digital Depth Reading
- Last Settings Memory
- Converts to Hip Mount
- Faint-Target Audio Boost
- Surface Mount Electronics
- Turn-On-and-Go Operation
- Optional Manual Ground Adjust
- Only two 9V Drop-In Batteries
- Microprocessor Controlled
- Double-Locking Nylon Stem
- Silent, VLF Slow-Motion Search
- No-Motion VCO Pinpointing
- Constant Battery Monitor
- Pistol-Grip, S-Handle Design
- Foam Grip and Armrest
- 8- or 10-inch Spider Coil
- Optional, Hot Little 5-inch Coil
- Optional Compact Hard Case

● Rock-Solid 5-Year Limited Fisher Warranty


## SPECIFICATIONS<sup>①</sup>

Length <sup>②</sup> ③	Extended ..... 52" .....	Collapsed ..... 41"
Weight <sup>②</sup>	Complete ..... 3.8 lbs.	
	Control Housing ..... 1.3 lbs.	
	Handle and Coil ..... 2.5 lbs.	
Operating Modes .....	1. Autotune ..... VLF-Motion, all-metal with threshold tone <sup>⑥</sup>	
	2. Target I.D. .... VLF-Slow Motion, Silent Search Discrimination <sup>⑥</sup>	
	3. Pinpoint/Depth Reading .... VLF, All-Metal, No Motion	
Frequency .....	Dual, VLF Search <sup>④</sup> ..... 5 kHz and 15 kHz	
Audio Target Response		
Iron I.D. ....	200 Hz (Low tone)	
Foil and Tab I.D. ....	450 Hz (Mid tone)	
Coin I.D. ....	1 kHz (High tone)	
Autotune .....	500 Hz to 1 kHz (VCO) <sup>⑤</sup>	
Pinpoint/Depth Reading .....	500 Hz to 1 kHz (VCO) <sup>⑤</sup>	
Search Coil ..... Type .....	"Spider" Coil, Concentric, Co-Planar	
	Diameter .....	8"
	Shielding .....	100% ESI <sup>⑨</sup>
	Interchangeable .....	Yes, with CZ-5, CZ-6a, 7, 7a
Wet Sand Operation .....	Yes <sup>⑦</sup>	
Faint Target Audio Boost .....	Yes	

Visual Display .....	Custom LCD (liquid crystal display) <sup>⑧</sup>	
Threshold Tone .....	Autotune Mode Only	
Weatherproofing .....	Search Coil .....	Submersible
	Control Housing .....	Splashproof
	Battery Housing .....	Splashproof <sup>⑩</sup>
	Optional Stereo Headset .....	No weatherproofing
	Optional Waterproof Headset .....	Submersible
Batteries .....	Type .....	(2) 9V Alkaline, Transistor, Drop-in
Battery Life <sup>⑫</sup> .....	Alkaline .....	15-20 hours (4-6 hours with Night Light On)
	Carbon Zinc <sup>⑬</sup> .....	6-10 hours
	Nicad <sup>⑭</sup> .....	3-7 hours
Battery Status .....	Continuously tested and displayed (bar-graph battery display, 3 levels)	
Manual Ground Balance .....	Yes (touch pad with knob)	
Operating Temperature .....	32° to 120° F	
Storage Temperature .....	20° to 150° F	
Warranty .....	5-Year, Gold Seal Limited <sup>⑮</sup>	
Hipmountable Control Housing .....	Yes	
Audio Output .....	Speaker .....	Built-in
	Stereo Headphones .....	Optional
	Weatherproof Headphones ...	Optional
Target Identification ...	LCD .....	Lock-On, 7 Categories
	Tone .....	3 Tones plus Bell Tone for large, shallow targets (I.D. Mode only)

## CONTROLS

Power On/Off-	
GROUND BALANCE .....	Single-turn potentiometer with switch. Ground Balance function works in conjunction with Pinpoint/Search touch pad. "5" is turn-on-and-go "PRESET" position.
NORM/SALT .....	Touch-pad mode switch for normal soil or wet-salt sand operation. <sup>②</sup>
AUTO/I.D. ....	Touch-pad mode switch for all-metal autotune target I.D.
SENS .....	Touch pad controls sensitivity in conjunction with arrow touch pads.
VOL .....	Touch-Pad Control for speaker and headset volume

LIGHT .....	Touch pad turns on LCD back light.
PRESET .....	Touch pad sets volume, modes, sensitivity and notch to factory preset levels.
NOTCH .....	Touch pad used in conjunction with arrow touch pads to reject or accept specific targets.
PINPOINT/SEARCH .....	Touch pad to exit VOL, SENS or NOTCH functions and enter search mode. Press and hold for no-motion pinpointing and depth reading.
	Arrow touch pads to adjust VOL, SENS and NOTCH levels.

## ACCESSORIES

### Standard Equipment

- 8-inch Spider coil with 7-foot cable
- Alkaline batteries
- Operating manual
- Belt Loop

### Optional Equipment

- Open and closed coil covers
- Compact carrying case
- 10.5-inch Spider search coil
- Stereo Headset
- Carrying bag
- 5-inch search coil
- Waterproof Headset
- Chest Harness

## Notes

1. Subject to improvement or modification without notice.
2. Approximate.
3. The CZ-7a Pro disassembles to fit into an optional carrying case measuring approximately 6 x 21 x 15 inches.
4. The CZ-7a Pro Fourier Domain Signal Analysis System transmits two ground-balanced signals simultaneously for deeper target I.D. in mineralized soil.
5. VCO: Voltage Controlled Oscillator. Volume and frequency increase over target for pinpoint accuracy.

6. The CZ-7a Pro is a "motion" detector in the Autotune and Target I.D. Modes. The search coil must be moving, at least slightly, to detect a target.
7. Compensates for salt water and sand minerals simultaneously.
8. Volume Control limits loud target responses and amplifies faint responses above 4.
9. E.S.I.: Electro Static Insulated to reduce certain types of false signals.

10. One year parts and labor plus 4 years parts only. The length and terms of the warranty will vary outside the U.S. Check with your distributor for details. Fisher Research Laboratory does not warrant suitability to specific use. Fisher Research Laboratory shall in no event be liable for any direct, incidental, consequential or indirect damage.
11. The control housing is completely splashproof (including the speaker) only when a headphone plug or the captive phone-jack plug is fully inserted.
12. Carbon-zinc and Nicad batteries not recommended.