

C.SCOPE

Battery Packs User Manual



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Contents

Introduction	3
Getting Started	4
Mains Charging	5
Vehicle Charging	5
Fitting in a Locator	6
Fitting in a Transmitter or Signal Generator	6
Fitting in a CS880	7
Handling, Storage, Transport and Disposal	7

Introduction

Thank you for choosing C.Scope. We built the C.Scope Battery Packs for use with the XL4 range of C.Scope Locators, associated Transmitters and Signal Generators and for the CS880 Metal Cover Locator. The battery packs can be charged from the mains or in vehicles. The packs are lightweight, deliver long run times and can be charged quickly. The battery packs can be charged without removing them from your Locator, CS880, Transmitter or Signal Generator.

C.Scope Battery Packs work with the following products:

Locators					
CXL4	✓	CXL4-D	✓	CXL4-DBG	✓
		DXL4-D	✓	DXL4-DBG	✓
		MXL4-D	✓	MXL4-DBG	✓
Signal Generators					
SGA	✓	SGA-2	✓	SGA-3	✓
SGA-4	✓				
SGV	✓	SGV-2	✓	SGV-4	✓
Transmitters					
MXT	✓	MXT-2	✓	MXT-4	✓
Metal Cover Locator					
CS880	✓				

To get going immediately read *Getting Started*.

This manual explains:

- Mains Charging
- Vehicle Charging
- Fitting in a Locator
- Fitting in a Transmitter or Signal Generator
- Fitting in a CS880
- Storage and Disposal

Getting Started

Charging

You can use your battery pack right away. To maximise the life of your battery pack you should charge it fully before you use it. Connect either the supplied vehicle or wall charger and follow the instructions in Vehicle Charging or Mains Charging.

Fitting

The battery pack fits in the battery compartment of your Locator, CS880, Transmitter or Signal Generator, in place of your alkaline batteries. Remove any existing batteries and insert the battery pack. For full instructions see *Fitting in a Locator*, *Fitting in a Transmitter or Signal Generator*, or *Fitting in a CS880*.

Mains Charging

Please use only the supplied C.Scope chargers with your battery packs. Take care to use the appropriate charger for each battery pack. You can charge your battery pack fitted in your Locator, Signal Generator or Transmitter or separately. Only charge in the temperature range 0 °C to 45 °C. Disconnect the charger when charging is complete.

Charge Time

Using the wall chargers, the battery packs will take 5.5 hours to charge fully, from empty.

Run Time

Battery packs will run for up to 10 hours in Locators, Signal Generators and Transmitters, depending on use. Battery packs will run for up to 80 hours in a CS880.

Charger Status

The wall chargers will show a red light while the pack is charging and green when it is fully charged.

Vehicle Charging

Please use only the supplied C.Scope chargers with your battery packs. Take care to use the appropriate charger for each battery pack. You can charge your battery pack fitted in your Locator, CS880, Signal Generator or Transmitter or separately. Only charge in the temperature range 0 °C to 45 °C. Disconnect the charger when charging is complete.

Before using the vehicle charger please check that the power point in your vehicle is capable of supplying 2 Amps.

Charge Time

Using the vehicle charger, the battery packs will take 5.5 hours to charge fully, from empty.

Run Time

Battery packs will run for up to 10 hours, depending on use.

Charger Status

The vehicle chargers will show a flashing red light while the pack is charging and continuous red light when it is fully charged.

Fitting in a Locator

The Locator battery pack fits into your Locator battery compartment.

1. Open the battery compartment on your Locator.
 2. Insert the battery pack in the top section of the battery compartment with the C.Scope logo facing you.
 3. Close the battery compartment door and make sure the two latches snap shut.
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Fitting in a Transmitter or Signal Generator

The battery pack fits into your Transmitter or Signal Generator battery compartment.

1. Remove the accessories tray from the base of your Transmitter or Signal Generator by releasing the clips on either side of the unit.
2. Remove the existing battery compartment cover and any batteries in the unit.
3. You may want to permanently detach the battery cover from the unit using a screw driver. If you do detach the old cover take care to put the screw back in the base of the unit and to keep the old cover secure in the accessories tray so you can use alkaline batteries if you need to.
4. Insert the battery pack into the base of the unit and secure it using the thumb screws on the battery pack.
5. Place the unit back on top of the accessories tray and snap the clips on either side of the unit closed.

Fitting in a CS880

The metal detector battery pack fits into your CS880 battery compartment.

1. Unscrew the thumb screws on your battery cover and remove any existing batteries. Keep the existing cover and battery holder somewhere safe.
 2. Insert the battery pack into the battery compartment and secure it with the thumb screws. If you find the thumb screws are a little tight check the alignment of the battery pack in the compartment.
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Handling, Storage and Disposal

Handling

Do not disassemble, crack or puncture the battery pack. Do not short the external contacts, expose it to temperatures below 20 °C, above 60 °C, or subject it to excessive shock or vibration. Keep it away from children and do not use a damaged battery. If a battery pack leaks, do not touch the fluids and dispose of it, as described below.

Storage

To prevent fires, store the battery packs in the supplied packaging when not in use. You should consider using a lithium-ion battery storage cabinet, which may offer fire protection. The best performance of the battery pack is when storage is kept in the temperature range 10 °C to 25 °C.

Transport

C.Scope Battery Packs are subject to legislation on the transport of dangerous goods. When a battery pack is transported, special requirements on packaging and labelling apply. Do not ship damaged battery packs.

Disposal

C.Scope Battery Packs should be recycled at permitted facilities and not thrown away in household trash or recycling bins. They contain chemicals that can catch fire and explode, and high-capacity batteries can also deliver an electric shock. You can take lithium-ion batteries to a local recycling centre or hazardous waste collection point. You can check with your local authority or vendor to see if they offer recycling services.



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C.Scope has a policy of continuous product development and reserves the right to change the design, specification and labelling without notice. All errors and omissions excepted.

All C.Scope products are supplied under a quality system accredited to ISO9001:2015.

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