

# CATH-TECH

CORROSION CONTROL EQUIPMENT

## Replacement Parts & Accessories

For Hexcorders, Loggers and Current Interrupters



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# Table of Contents

Table of Contents.....	1
Welcome.....	1
Limited Warranty .....	2
Complete Equipment.....	3
Hexcorder Parts & Accessories.....	4
Cables .....	5
GPS Antenna .....	8
GPS Antenna Selection Guide.....	8
Replacement Parts – Internal.....	9
Internal Circuit Boards .....	11
CTL-608 & 609 Current Interrupter Circuit Card Selection.....	12

## Welcome

This is our standard parts and accessory list. Part descriptions and pictures are provided to make your selection easier. If you require a replacement part that is not shown here, please contact our offices for help.

## Limited Warranty

All Cathodic Technology Limited (CATH-TECH™) rectifiers, instruments and equipment are warranted against defects in materials, design or workmanship for a period of two years from date of sale or one year from the date of installation or use, whichever comes first. This warranty excludes damage due to misuse, abuse, tampering or acts of God such as fires, floods, wind damage, lightning etc.

We will repair or replace at our option any defective component, after examination in our manufacturing facility, if the fault is due to defective materials or labour, within two years of the purchase date or one year from service date. For warranty repair, a repair authorisation must be obtained from CATH-TECH™ prior to shipping the defective unit pre-paid to Cathodic Technology Limited.

**Note:** *There is no warranty expressed or implied on batteries.*

### CATH-TECH™ POLICY

- CATH-TECH™ extends a one-year in use warranty on all units, which have been designed by CATH-TECH™ staff.
- CATH-TECH™ reserves the right to make any changes in design or specification which it deems an improvement, with no liability to make the same changes on existing equipment.
- This warranty is in lieu of all other warranties or guaranties, expressed or implied, which might otherwise exist. The purchaser is relying only upon this guarantee and not upon any representations not herein expressed.
- Any material or equipment being returned to the factory must first have return authorisation from CATH-TECH™.

# Complete Equipment

## CTL-001

Hexcorder Millennium  
1M memory

- Choice of hip or back pack wire dispenser



## CTL-033

CI-25  
25 Amp Current  
Interrupter



## CTL-002

Hexcorder Millennium  
2M memory

- Choice of hip or back pack wire dispenser



## CTL-035

CI-50  
50 Amp Current  
Interrupter



## CTL-007

CTL-3000 Analogue  
DCVG Instrument



## CTL-037

CI-100  
100 Amp Current  
Interrupter



## CTL-020

Smart Logger 1M  
memory



## CTL-039

CI-200  
200 Amp Current  
Interrupter



## CTL-021

Smart Logger 2M  
memory



## CTL-041

CI-3PH  
3 Phase, 50  
Amp/Phase Current  
Interrupter



## CTL-025

Mini Logger



## CTL-031

CI-15  
15 Amp Current  
Interrupter



## Hexcorder Parts & Accessories

### CTL-101

Hip pack wire dispenser

- Does not include cables or survey wire



### CTL-133

Half cell pole replacement switch

- Does not include red cap



### CTL-103

Counter wheel & axle



### CTL-134

Cu CuSO4 half cell with cone tip



### CTL-104

Wire tensioner



### CTL-135

Cap for half cell pole switch



### CTL-117

Carry strap for Hexcorder or hip pack



### CTL-141

Small spool wire for hip pack



### CTL-121

Backpack wire dispenser

- Complete with cable to Hexcorder
- Does not include survey wire



### CTL-142

Case small spools (16)



### CTL-122

Wire chainage for backpack



### CTL-143

Small spool, empty



### CTL-131

Half cell extension pole

- Does not include half cell



### CTL-145

Large spool wire for backpack



**CTL-146**

Case large spools (4)



## Cables

**OBSOLETE**

**CTL-206**

Cable Hex to wire dispenser, old 3 wire



**CTL-213**

Long Y cable



**CTL-207**

Cable Hex to backpack, 4 wire



**CTL-214**

Data logging cable for Hex



**CTL-208**

Cable Hex to hip pack, 4 wire



**CTL-215**

Y cable set



**CTL-211**

Cable Hex to half cell pole, pair



**CTL-216**

CI-3PH interrupt cables



**CTL-212**

Short Y cable



**CTL-217**

CI-15 interrupt cables



CTL Parts List

**CTL-219**

CI-50 interrupt cables



**CTL-231**

12V charger CTL-3000



**CTL-220**

CI-100 interrupt cables



**CTL-232**

12V charger CI-15



**CTL-221**

CI-200 interrupt cables



**CTL-233**

12VDC aux power cable for CI-15



**CTL-223**

AC interrupt cables for CI-25 & 50



**CTL-234**

12VDC aux power cable for CI-25 & 50



**CTL-224**

Test leads, smart logger



**CTL-235**

7V charger Hex, SL, CI-25 & 50



**CTL-225**

Test leads, mini logger



**CTL-236**

12VDC to 7V cigar charger Hex & SL



**CTL-230**

Power cable CI-100 200 3PH



**CTL-252**

RS232 cable Hex



CTL Parts List

**CTL-253**  
RS232C cable CI  
program



**CTL-256**  
IR to RS232 adaptor



**CTL-255**  
IR to USB adaptor



**CTL-258**  
USB to serial port  
adapter

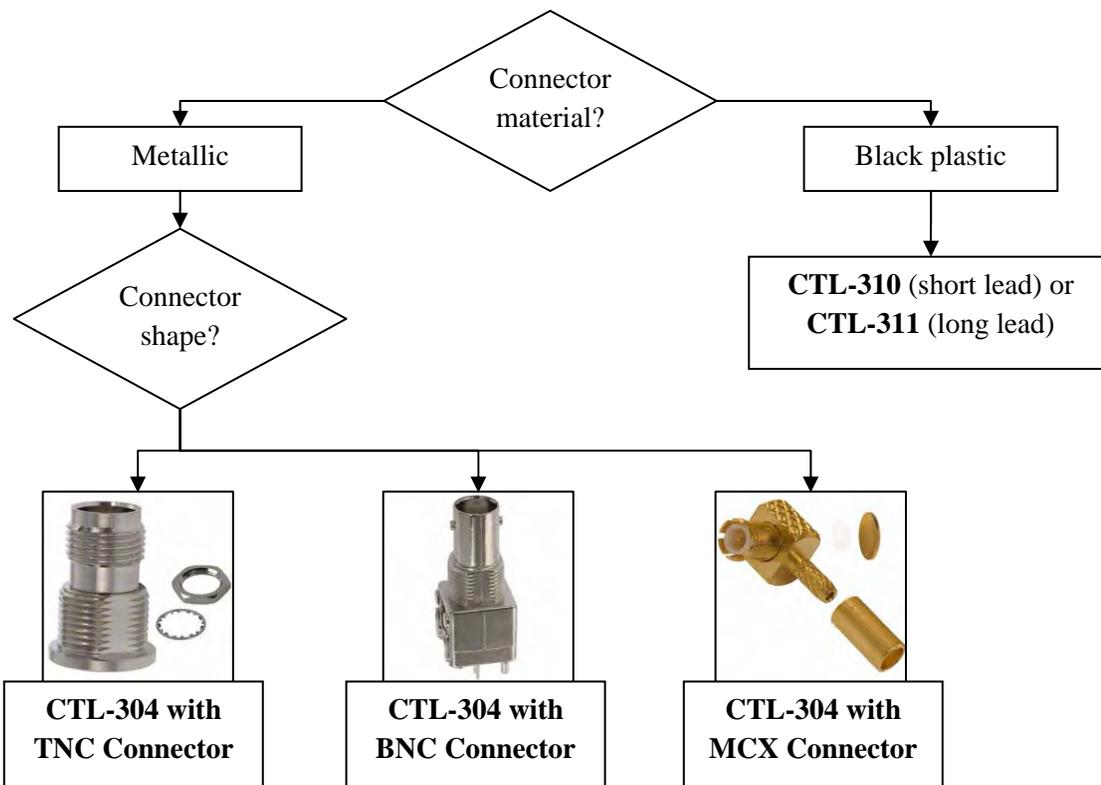


# GPS Antenna

## GPS Antenna Selection Guide

Look at your GPS antenna and end connector and compare it to the information below. The GPS antennas used for all equipment has changed over time.

		
<b>CTL-302 OBSOLETE</b> Rectangular with a globe shown on top, Garmin 25, BNC, TNC or MCX connector.	<b>CTL-304</b> Small square antenna, Trimble, BNC, TNC or MCX connector.	<b>CTL-311</b> Round antenna with black plastic connector, Garmin 18 or 18x, long lead.
Used for Hexcorder and Current Interrupters	Used for older Smart Loggers and Current Interrupters	Current antenna for all equipment



Note the shape of the antenna and the connector when ordering. There have been some product changes/replacements over time.

## CTL Parts List

**OBSOLETE**  
**CTL-301**  
GPS 25 engine



**OBSOLETE –  
replaced by  
CTL-310**  
**CTL-305**  
GPS 16, short lead



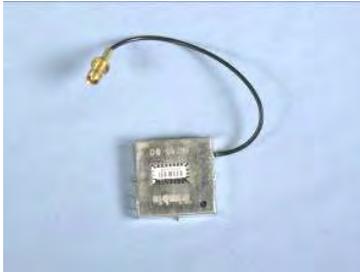
**OBSOLETE –  
replaced by  
CTL-304**  
**CTL-302**  
GPS 25 antenna,  
BNC, TNC or MCX  
connector



**CTL-310**  
GPS 18X, short lead  
• Hexcorder



**CTL-303**  
GPS Trimble engine  
• Used for current  
interrupters only



**CTL-311**  
GPS 18X, long lead  
• Current  
Interrupters &  
Smart Logger



**CTL-304**  
GPS Trimble  
antenna, BNC, TNC  
or MCX connector



**CTL-320**  
GPS garmin  
extension cable 30m



## Replacement Parts – Internal

**CTL-515**  
QWERTY keypad  
assembly for  
Hexcorder & Smart  
Logger



**CTL-530**  
7.2V battery for Hex  
& SL



**CTL-516**  
LCD display for  
Hexcorder & Smart  
Logger



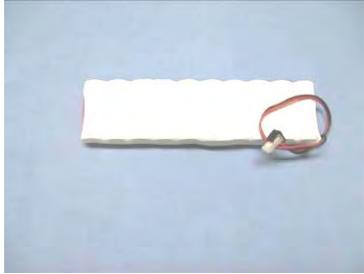
**CTL-531**  
7.2V battery for CI-25  
& 50



## CTL Parts List

### CTL-532

12V battery for CI-15  
& CTL-3000



### CTL-553

Mechanical relay for  
CI-100 & 200



### CTL-533

12V battery for CI-  
100 & 200



### CTL-560

Pin for Hex cables



### CTL-541

Keypad for CI & old  
SL



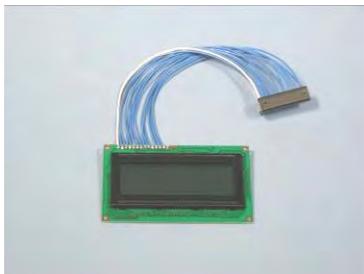
### CTL-561

Socket for Hex  
cables



### CTL-542

LCD display for CI &  
old SL



### CTL-562

Amp connectors for  
Hex cables



### CTL-550

DC relay for CI-25 &  
50



### CTL-563

Pin extractor



### CTL-551

AC relay for CI-25 &  
50



### CTL-564

Alligator clips pack  
10



# Internal Circuit Boards

## CTL-603

Internal charger  
circuit board 120V



## CTL-609

Circuit board CI-100  
& 200

**SEE NEXT PAGE**



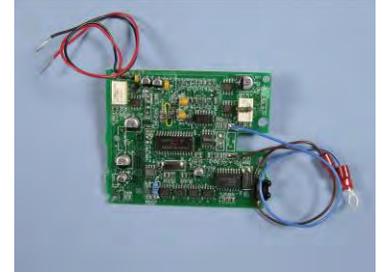
## CTL-604

Internal charger  
circuit board 240V



## CTL-621

Circuit board mini  
logger



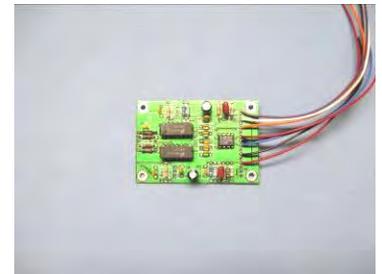
## CTL-605

Internal charger  
circuit for voltage  
switch



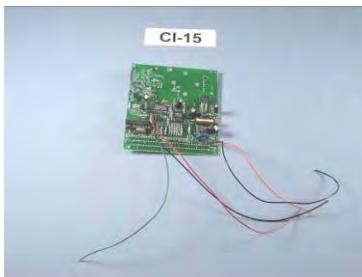
## CTL-626

Circuit board Hex  
active AC filter



## CTL-606

Circuit board CI-15



## CTL-627

Circuit board smart  
logger



## CTL-607

Circuit board relay  
CI-15



## CTL-628

Circuit board Hex  
Millenium



## CTL-608

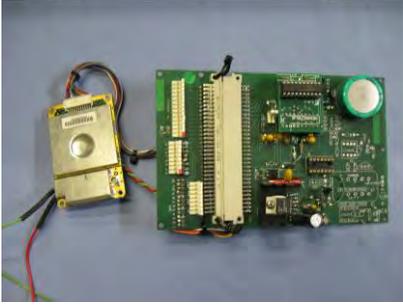
Circuit board CI-25 &  
50

**SEE NEXT PAGE**



***CTL-608 & 609 Current Interrupter Circuit Card Selection***

Please view the pictures below. When ordering a replacement circuit board, you must specify the model of the current interrupter as a different program is required for different models.

	<p>CI-97</p> <ul style="list-style-type: none"> <li>• Two boards joined together with GPS engine attached elsewhere on faceplate.</li> <li>• No longer supported, upgrade to new board and GPS is possible</li> </ul>
	<p>CI-2000</p> <ul style="list-style-type: none"> <li>• One board with very large GPS engine, Garmin 25.</li> <li>• No longer supported, upgrade to new board and GPS is possible.</li> </ul>
	<p>CI-2001</p> <ul style="list-style-type: none"> <li>• Board with Trimble engine.</li> <li>• No longer supported, some supplies still available, GPS Trimble engines still available.</li> <li>• Upgrade to new board and GPS is recommended.</li> </ul>
	<p>CI-2002</p> <ul style="list-style-type: none"> <li>• Board without onboard GPS engine for Garmin 18 and 18x.</li> <li>• Replacement boards still available.</li> </ul>
	<p>CI-2010</p> <ul style="list-style-type: none"> <li>• Attaches directly behind the display.</li> <li>• Latest board, compatible with GPS 18 and 18x.</li> </ul>



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Visit [www.cath-tech.com](http://www.cath-tech.com) to view our wide range of products and services.

