Replacement Parts & Accessories

For Hexcorders, Loggers and Current Interrupters

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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-002**  
Hexcorder Millennium  
2M memory  
• Choice of hip or back pack wire dispenser

**CTL-007**  
CTL-3000 Analogue DCVG Instrument

**CTL-020**  
Smart Logger 1M memory

**CTL-021**  
Smart Logger 2M memory

**CTL-025**  
Mini Logger

**CTL-033**  
CI-25  
25 Amp Current Interrupter

**CTL-035**  
CI-50  
50 Amp Current Interrupter

**CTL-037**  
CI-100  
100 Amp Current Interrupter

**CTL-039**  
CI-200  
200 Amp Current Interrupter

**CTL-041**  
CI-3PH  
3 Phase, 50 Amp/Phase Current Interrupter

**CTL-031**  
CI-15  
15 Amp Current Interrupter
<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>CTL-101</td>
<td>Hip pack wire dispenser</td>
<td>Does not include cables or survey wire</td>
</tr>
<tr>
<td>CTL-103</td>
<td>Counter wheel &amp; axle</td>
<td></td>
</tr>
<tr>
<td>CTL-104</td>
<td>Wire tensioner</td>
<td></td>
</tr>
<tr>
<td>CTL-117</td>
<td>Carry strap for Hexcorder or hip pack</td>
<td></td>
</tr>
<tr>
<td>CTL-121</td>
<td>Backpack wire dispenser</td>
<td>Complete with cable to Hexcorder, Does not include survey wire</td>
</tr>
<tr>
<td>CTL-122</td>
<td>Wire chainage for backpack</td>
<td></td>
</tr>
<tr>
<td>CTL-131</td>
<td>Half cell extension pole</td>
<td>Does not include half cell</td>
</tr>
<tr>
<td>CTL-133</td>
<td>Half cell pole replacement switch</td>
<td>Does not include red cap</td>
</tr>
<tr>
<td>CTL-134</td>
<td>Cu CuSO4 half cell with cone tip</td>
<td></td>
</tr>
<tr>
<td>CTL-135</td>
<td>Cap for half cell pole switch</td>
<td></td>
</tr>
<tr>
<td>CTL-137</td>
<td>Half cell pole replacement switch</td>
<td></td>
</tr>
<tr>
<td>CTL-138</td>
<td>Does not include red cap</td>
<td></td>
</tr>
<tr>
<td>CTL-139</td>
<td>Small spool wire for backpack</td>
<td></td>
</tr>
<tr>
<td>CTL-141</td>
<td>Small spool wire for hip pack</td>
<td></td>
</tr>
<tr>
<td>CTL-142</td>
<td>Case small spools (16)</td>
<td></td>
</tr>
<tr>
<td>CTL-143</td>
<td>Small spool, empty</td>
<td></td>
</tr>
<tr>
<td>CTL-145</td>
<td>Large spool wire for backpack</td>
<td></td>
</tr>
</tbody>
</table>
Cables

**OBSOLETE**
**CTL-206**
Cable Hex to wire dispenser, old 3 wire

**CTL-207**
Cable Hex to backpack, 4 wire

**CTL-208**
Cable Hex to hip pack, 4 wire

**CTL-211**
Cable Hex to half cell pole, pair

**CTL-212**
Short Y cable

**CTL-213**
Long Y cable

**CTL-214**
Data logging cable for Hex

**CTL-215**
Y cable set

**CTL-216**
CI-3PH interrupt cables

**CTL-217**
CI-15 interrupt cables
CTL-219  
Ci-50 interrupt cables

CTL-220  
Ci-100 interrupt cables

CTL-221  
Ci-200 interrupt cables

CTL-223  
AC interrupt cables for CI-25 & 50

CTL-224  
Test leads, smart logger

CTL-225  
Test leads, mini logger

CTL-230  
Power cable CI-100 200 3PH

CTL-231  
12V charger CTL-3000

CTL-232  
12V charger CI-15

CTL-233  
12VDC aux power cable for CI-15

CTL-234  
12VDC aux power cable for CI-25 & 50

CTL-235  
7V charger Hex, SL, CI-25 & 50

CTL-236  
12VDC to 7V cigar charger Hex & SL

CTL-252  
RS232 cable Hex
CTL Parts List

**CTL-253**
RS232C cable CI program

**CTL-255**
IR to USB adaptor

**CTL-256**
IR to RS232 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.

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

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-304**
GPS 25 antenna, BNC, TNC or MCX connector

**CTL-302**
GPS 25 antenna, BNC, TNC or MCX connector

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

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

**CTL-305**
GPS 16, short lead

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

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

**CTL-312**
GPS Garmin extension cable 30m

### Replacement Parts – Internal

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

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

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

**CTL-531**
7.2V battery for CI-25 & 50
<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Image</th>
</tr>
</thead>
<tbody>
<tr>
<td>CTL-532</td>
<td>12V battery for CI-15 &amp; CTL-3000</td>
<td></td>
</tr>
<tr>
<td>CTL-533</td>
<td>12V battery for CI-100 &amp; 200</td>
<td></td>
</tr>
<tr>
<td>CTL-541</td>
<td>Keypad for CI &amp; old SL</td>
<td></td>
</tr>
<tr>
<td>CTL-542</td>
<td>LCD display for CI &amp; old SL</td>
<td></td>
</tr>
<tr>
<td>CTL-550</td>
<td>DC relay for CI-25 &amp; 50</td>
<td></td>
</tr>
<tr>
<td>CTL-551</td>
<td>AC relay for CI-25 &amp; 50</td>
<td></td>
</tr>
<tr>
<td>CTL-553</td>
<td>Mechanical relay for CI-100 &amp; 200</td>
<td></td>
</tr>
<tr>
<td>CTL-554</td>
<td>Pin for Hex cables</td>
<td></td>
</tr>
<tr>
<td>CTL-560</td>
<td>Pin for Hex cables</td>
<td></td>
</tr>
<tr>
<td>CTL-561</td>
<td>Socket for Hex cables</td>
<td></td>
</tr>
<tr>
<td>CTL-562</td>
<td>Amp connectors for Hex cables</td>
<td></td>
</tr>
<tr>
<td>CTL-563</td>
<td>Pin extractor</td>
<td></td>
</tr>
<tr>
<td>CTL-564</td>
<td>Alligator clips pack 10</td>
<td></td>
</tr>
</tbody>
</table>
Internal Circuit Boards

**CTL-603**
Internal charger circuit board 120V

**CTL-604**
Internal charger circuit board 240V

**CTL-605**
Internal charger circuit for voltage switch

**CTL-606**
Circuit board CI-15

**CTL-607**
Circuit board relay CI-15

**CTL-608**
Circuit board CI-25 & 50
SEE NEXT PAGE

**CTL-609**
Circuit board CI-100 & 200
SEE NEXT PAGE

**CTL-621**
Circuit board mini logger

**CTL-626**
Circuit board Hex active AC filter

**CTL-627**
Circuit board smart logger

**CTL-628**
Circuit board Hex Millenium
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.

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
</table>
| CI-97 | Two boards joined together with GPS engine attached elsewhere on faceplate.  
No longer supported, upgrade to new board and GPS is possible. |
| CI-2000 | One board with very large GPS engine, Garmin 25.  
No longer supported, upgrade to new board and GPS is possible. |
| CI-2001 | Board with Trimble engine.  
No longer supported, some supplies still available, GPS Trimble engines still available.  
Upgrade to new board and GPS is recommended. |
| CI-2002 | Board without onboard GPS engine for Garmin 18 and 18x.  
Replacement boards still available. |
| CI-2010 | Attaches directly behind the display.  
Latest board, compatible with GPS 18 and 18x. |
Visit www.cath-tech.com to view our wide range of products and services.