

PROFESSIONAL ELECTRONIC REPAIR

Precision diagnostics. Component-level repair.

Fault diagnosis and repair for residential, commercial and industrial electronics - including PCB troubleshooting, equipment testing and legacy systems.

**FAULT
DIAGNOSIS**

Repair expertise where it matters

Replacing a complete board or system is not always necessary. We focus on accurate diagnosis, targeted fault finding and practical repair wherever technically viable.



PCB Diagnostics

Board-level testing and troubleshooting to locate circuit faults quickly and accurately.



Component-Level Fault Finding

Isolation of failed components to avoid unnecessary board replacement and reduce downtime.



Equipment & Prototype Testing

Functional testing and investigation to confirm operation and uncover difficult or intermittent faults.



Legacy Electronics Support

Troubleshooting for older or discontinued systems where replacement may be costly or impractical.

RESIDENTIAL | COMMERCIAL | INDUSTRIAL

Professional diagnostics for electronic equipment across a wide range of applications.

A clear diagnostic and repair process

We start by reproducing the fault, identify the root cause, carry out the appropriate repair where feasible, then verify operation before return.



Intake & initial testing

We assess the equipment, reproduce the fault and establish the best diagnostic route.



Diagnosis & repair

PCB and component-level testing isolates the failure so the appropriate repair can be carried out.



Quality assurance

The equipment is retested to confirm functionality and reliable operation.

Why component-level diagnostics?

- Targets the actual fault instead of automatically replacing an entire assembly.
- Can keep older equipment in service when replacement parts or systems are hard to source.
- May reduce unnecessary cost and downtime when a repair is technically viable.
- Provides a structured path from fault reproduction to final functional testing.

Request a professional repair assessment

Tell us about the equipment and the fault. The more detail you provide, the easier it is for us to assess whether the item is suitable for diagnosis and repair.



REQUEST A REPAIR

WHAT TO INCLUDE

- EQUIPMENT** Type, manufacturer, model and serial number if relevant.
- FAULT** Symptoms, whether it powers on, and whether the fault is permanent or intermittent.
- HISTORY** When it started, previous repairs, repair attempts, liquid, impact, overheating or electrical damage.
- COMMERCIAL** Tell us if the fault is preventing another machine or system from operating.

Professional diagnosis before significant repair work

Where practical, we will explain the identified fault, proposed repair and likely cost before significant repair work proceeds.

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cornwallelectronicrepairs.co.uk/request-a-repair/