

Procedure

## Replacing the back-up battery in a CDC four



Description

Instructions on how to replaced the internal back-up battery on the Cadac CDC four

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## Introduction

This is a guide to the procedure of replacing the internal 3V lithium internal back-up battery on the CDC four. These instructions are only applicable to the CDC four and **not** the CDC four:m.

*Note: To replace the internal battery on the CDC four:m access is gained via a removable cover on the rear panel of the console above the power inlet.*

## Symptoms of a failing battery

The audio parameters of the CDC four are stored in RAM memory, which is powered by a 3V lithium battery when the mains power is switched off. After a couple of years the battery will be below its optimum charge and this may result in unexpected audio parameters being recalled by the console when powered up.

We would therefore recommend that you change this battery, using these instructions, for a new one every 12 months.

## Requirement Equipment

You will require a Phillips PH2 screwdriver.

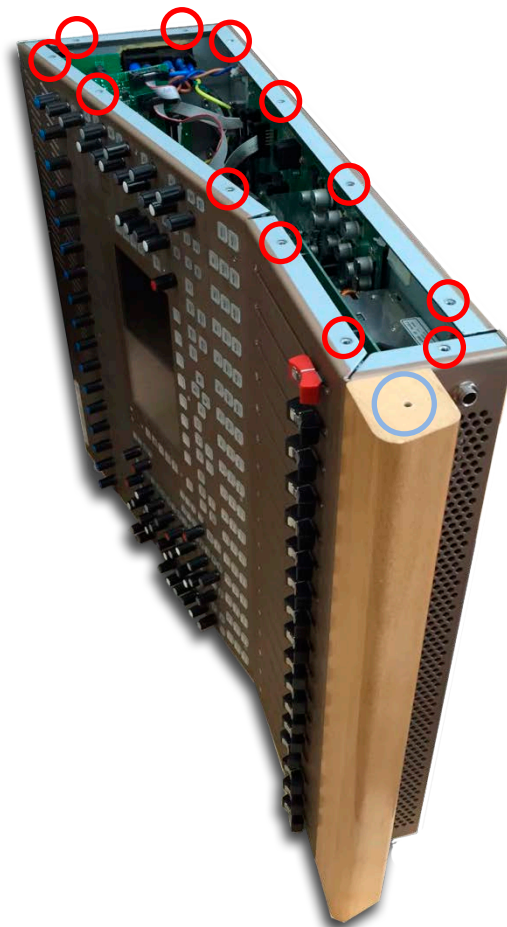
You will require none conductive tool to prise out the battery from the holder.

You will require a replacement CR2032 3V Lithium battery. Example below:



### ***Instructions for replacing the 3V battery***

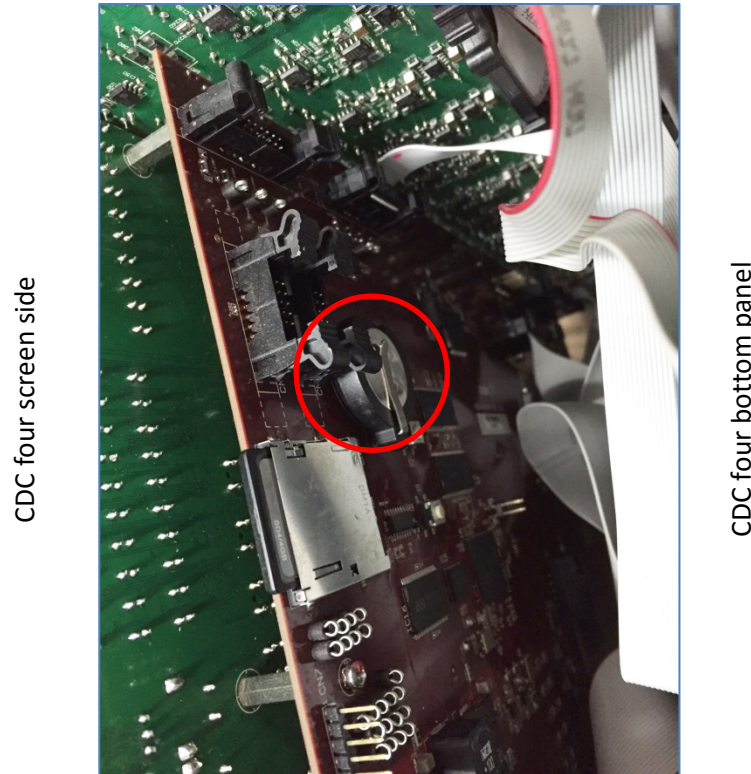
1. Power up the CDC four and backup your console's scene memories on to a USB memory stick. This process does not wipe the memory but it is good practice to have a backup copy in case something goes wrong.
2. Power down the CDC four and unplug the unit from the mains supply
3. Stand the CDC four on its left hand side.
4. Remove the right hand steel side panel. This is held on by 13 Phillips screws. You will require a Phillips PH2 screwdriver to remove the 12 smaller screws (red positions below) around the edge of the panel and for the large screw (blue position below) holding the panel to the wooden arm rest.



*This shows the panel remove*



5. The battery is held in a battery compartment on the DSP board which is the PCB board behind the LCD display, facing the bottom of the console.



6. Use a suitable implement (non-conductive) lever the old battery out of the socket. Make sure you don't drop it inside the case.
7. Fit the new CR2032 3V lithium cell battery; use a type which is a non-rechargeable, taking care not to insert the battery the wrong way around. Positive (+) terminal facing out.
8. Offer up the side panel, screw down the panel - remembering that the larger screw goes into the wooden armrest
9. Connect to mains power:
  - a. Switch the unit **ON**
  - b. Then **OFF**
  - c. Then **ON** again

This will re-initialise the audio parameters.

