

EC61

This product has a one year guarantee from date of purchase

Products from electric-clocks

- ★ EC4A
Slave Clock Impulse Driver for clocks such as Gents and Synchronome. To replace a Master clock
- ★ EC5AP
Alternating Polarity Impulse Driver for clocks such as Favag, Westerstrand and the clocks used at BBC studios
- ★ FC110
50Hz to 60Hz @115vAC Frequency Converter for American clocks
- ★ FC9
60Hz to 50Hz @9vAC Frequency Converter to UK clocks to work in the USA
- ★ EC61
A pulse converter to allow an Alternating Polarity clock to work on a standard Master Clock circuit
- ★ CS150
Lubrication oil specifically for electric clock pivots
- ★ LED Bulbs
Very low consumption LED lamps to replace incandescent in USA clocks - work with FC110.

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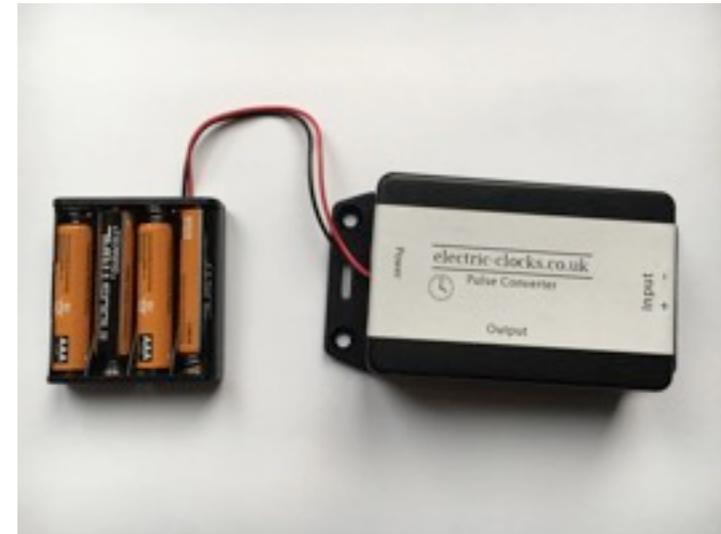
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EC61 Slave Clock Impulse Converter

Set-Up and Operation Manual

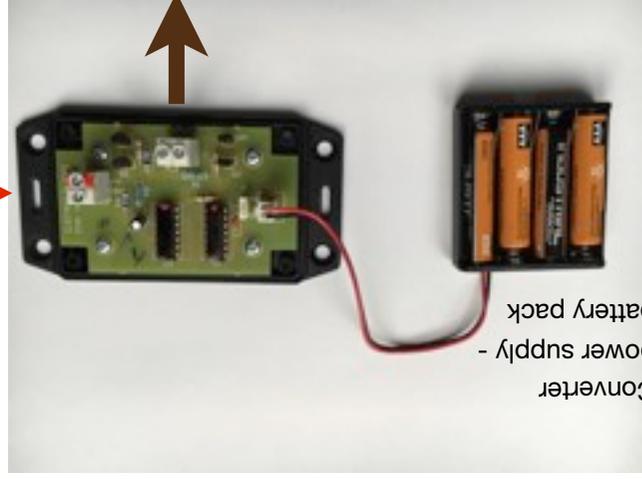


Set-Up and Connections

Connection into a clock circuit

1. Connect the output to the Alternating polarity clock
2. Connect the switched input - make sure there is NO INPUT VOLTAGE at this time and be sure to get the polarity correct - incorrect polarity can damage the converter
3. Power up the converter by connecting the battery pack
4. Turn on the input voltage

It is critical that the output clock is connected and the board powered up before power from the input pulse is received.



Pulsed clock input - **polarity sensitive** 3 - 25volts
Alternating polarity output - voltage \approx input voltage \pm 10%

Running

The first pulse from the EC61 converter may not be the correct polarity to drive the Alternating Polarity clock. In this instance the clock will not step with the first pulse. The second pulse will be of the correct polarity but the clock will be one second/one minute behind.
Sending another input pulse will rectify this delay

Specifications

The minimum input pulse length required is 62mS
The input clock pulse can be anything up to 24V. This product has been tested up to 250mA delivery to the Alternating Polarity clock.

Power Batteries

These are estimated to last approx 1 year.