

## Description:

The Timer is ideal for timing participants / entrants in competitions such as "It's A Knock Out", or on assault courses. Also useful for counting down the time remaining for activities such as Quad Bikes or Go Karts. The Timer is available in a variety of colours allowing a different colour to be used for each participant or team. It also has a 35mm top hat built into the base allowing it to be mounted on a standard speaker stand for easy use outdoors.

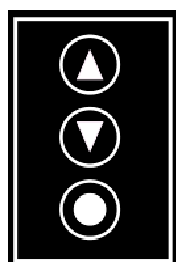
The display is visible in full sunlight and also dims at night or indoors so as not to dazzle. The built in battery will power the unit for up to 8 hours, (less in bright sunlight).

## Timer Modes:

Mode	Description
Configuration	This mode allows the user to swap between Counting Up and Counting Down. It also allows the starting time for the Down Counting to be set.
Counting Up	The Timer starts counting from 00:00 when the Red Stop/Start Button is pressed. The Timer stops when the Red Stop/Star Button is pressed again. When the Timer stops the current time is displayed until the Timer is started again. Should the maximum time of 99:59 be reached, the Timer will reset to 00:00 and stop.
Counting Down	When the Red Stop/Start Button is pressed, the Timer will count down from the preset time. The Timer will stop when either 00:00 is reached or the Red Stop/Start Button is pressed again.

## Configuration:

The Timer can be configured using the keypad on the rear of the unit.



Up

Down

Mode

**Mode:** Pressing this button causes the timer to enter the configuration mode. Pressing the button again will cycle through the various configuration parameters.

Set Up/Down → Set Minutes → Set Seconds

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**Up:** This button sets the Timer to Counting Up and also increases the Down Count starting time by 1.

**Down:** This button sets the Timer to Counting Down and also decreases the Down Count starting time by 1.

The new configuration is saved by pressing the Red Stop/Start Button on the top of the timer. If the new configuration is not saved, the timer will revert to the original configuration after 30 seconds. The Count Down Starting Time can be set, even if the Timer is configured to Count Up, ready for the next time the Timer is used in the Down Count mode.

## Dimensions:

<b>Width</b>	21 cm
<b>Depth</b>	16 cm
<b>Height</b>	15 cm
<b>Weight</b>	2 kg

Note: All dimensions and weights are approximate.

## Power Requirements:

### **Mains Adapter:**

Input Voltage: 100 – 240 VAC  
Input Current: 0.8 Amps  
Output Voltage: 18v DC  
Output Current: 2 Amps

### **Timer Unit:**

Input Voltage: 18v DC  
Input Current: 2 Amps

The Timer unit runs from an internal 12v SLA type battery, the battery is charged by using an external Mains Adapter.

## Environmental Requirements:

The Timer is designed for indoor use or outdoor use under cover. It must not be exposed to rain, moisture or excessive humidity.

## Fault Finding and Repairs:

There are no user accessible parts in the Timer unit.

- 1) If the Timer fails to start, plug in the mains adaptor to charge the internal battery.
- 2) If the Timer flashes "Lo" or, on startup, the Timer displays "Lo", plug in the mains adaptor to charge the internal battery.
- 3) If the Timer appears to be stuck on "Lo" press the Red Stop/Start Button to restart the timer.
- 4) The Timer may still be used when "Lo" is displayed, however steps should be taken to charge the battery. Running the Timer for long periods of time with "Lo" displayed may damage the battery.

NOTE: The timer may reset if the mains adapter is plugged in or if the mains adapter is removed, this is normal behaviour.

Should the Timer still not function after the internal battery has been charged, contact WibbleJelly Games for advice and to arrange for the repair of the unit.

Repair of units outside of the warranty period or where the unit has suffered damage or abuse will incur a charge. Where a charge is incurred, this charge will be need to be agreed by the customer before WibbleJelly Games undertakes the repairs.

## Contact Details:

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**Risk Assessment:**

<b>WibbleJelly Games</b>					
Risk Assessment Ref. No. RA_049	Timer				
Hazard Identified & Risk Arising	Person at Risk	Details Of Control Measures	Person Responsible for Controls	Risk Rating After Control	Review Date & Revisions Made
<b>Electrical Safety</b>					
Electrocution due to water	Operator and Participants	All electric equipment to be protected from the elements. Must not be use outside in the rain. The timer works off an internal 12v battery, however the charger works off the mains.	Operator	Low	
Electrocution due to faulty electrical equipment	Operator and Participants	All electrical equipment, any extension cables and generator (if used) to be visually inspected before use to ensure all is in good condition. If frayed wires or exposed conductors are found, or any other faults, the equipment must not to be run until replaced or repaired by a competent person and rechecked.	Operator	Low	