# Power Pods

## 4 Rechargeable Battery Units and Docking Station

# Quick Start Guide

SC00550

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# Quick Start Guide GB

## Important Information

Please retain these instructions for future reference.
Do not allow the product to come into contact with water or other liquids.
In the event of static your PowerPod may malfunction. In this case use a paper clip to press the reset button.
The Docking Station is not intended for children under 3 years old.
The transformer is not a toy.
The Docking Station must only be used with the recommended transformer.




## Using your Power Pods

PowerPods are a safer alternative to using normal 1.5V batteries. A traditional 'C' or 'D' type cell can generate very large currents if accidentally shorted. This can cause large amounts of heat to be generated posing a potential risk to children. PowerPods automatically limit the output current to a safe value, in the event of the circuit being shorted. The PowerPods turn on automatically whenever a 4mm plug is connected into the PowerPod negative terminal. The power remaining is clearly displayed and an overload indicator lights to show when a misconnection or short circuit has occurred.

When the PowerPods require charging, simply place them back into the docking station so that they are always fully charged and ready for use. When charging the PowerPods, the red battery life indicator LED is on. When the battery life indicator LED turns green the PowerPods are fully charged.
A completely discharged PowerPod will take approximately 16 hours to fully charge.

PowerPods can be used in exactly the same way as traditional 1.5V cells. They can be connected in series and parallel and can power the lamps, motors, LEDs and buzzers commonly found in primary electricity kits.

**Please download the full manual from www.ttsgroupsupport.com**

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## Electricity Kit

The Electricity Kit contains everything needed to explore how electrical circuits are connected. The components are mounted using a transparent cover so students can see easily how each item works. All connections are made using high quality 4mm leads. All components are safely stored in a rugged storage case.

| Contents | | | |
|---|---|---|---|
| 2 x 3V lamps | 1 x 3.6V Motor | 5 x Red 20cm 4mm leads | Conductors |
| 1 x LED | | | 1 x copper rod |
| 1 x Red crocodile lead | 5 x Red 20cm 4mm leads | 1 x Plastic storage case | 1 x aluminium rod |
| 1 x Push to make switch | 1 x Black crocodile lead | Insulators | |
| 1 x 3V Buzzer | 5 x Black 20cm 4mm leads | 1 x wooden rod | |
| | | 1 x plastic rod | |

The concept of conductors and insulators can be explored using these parts. Children can build a simple circuit, for example a circuit to light the bulb. They can then modify this circuit and add one of the rods into it. The leads with crocodile clips on will be useful to make the connections to the insulator. Once they've added a rod they can see if the bulb still lights. They explore which kinds of material conduct electricity and which don't.

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# Kurzanleitung DE

## Wichtige Informationen

Bitte bewahren Sie diese Anleitung für die Zukunft auf.
Das Produkt darf nicht mit Wasser oder anderen Flüssigkeiten in Kontakt kommen.

## Electricity Kit

Das Electricity Kit enthält alles, was benötigt wird, um zu erforschen, wie elektrische Schaltungen verbunden sind. Die Komponenten werden mit einem transparenten Deckel befestigt, damit die Schüler leicht sehen können, wie jeder Gegenstand funktioniert. Alle Anschlüsse werden mit hochwertigen 4mm-Leitungen gemacht. Alle Komponenten werden sicher in einem robusten Aufbewahrungskoffer aufbewahrt.

| Inhalt | | | |
|---|---|---|---|
| 2 x 3 V-Lampen | 1 x 3,6 V-Motor | | Dirigenten |
| 1 x LED | 5 x Rote 20cm 4mm Leitungen | | 1 x Kupferstab |
| 1 x Rote Krokodil-Leitung | 1 x Kunststoffkoffer | | 1 x Aluminium-Stange |
| 1 x drücken, um den Wechsel zu machen | 1 x Schwarze Krokodil-Leitung | 5 x Schwarze 20 cm, 4 mm Leitungen | Insulatoren |
| 1 x 3 V-Summer | | | 1 x Holzstab |
| | | | 1 x Kunststoffstab |

Das Konzept von Leitern und Isolatoren können mit Hilfe dieser Teile untersucht werden. Kinder können eine einfache Schaltung , zum Beispiel eine Schaltung bauen die Lampe zu beleuchten. Sie können dann diese Schaltung ändern , und fügen Sie eine der Stangen hinein. Die Leitungen mit Krokodilklemmen an wird nützlich sein, um die Verbindungen zu dem Isolator zu machen. Sobald sie einen Stab hinzugefügt haben, können sie sehen, ob noch die Lampe leuchtet. Sie erforschen , welche Arten von Material Elektrizität leiten und welche nicht.

**Bitte laden Sie das vollständige Handbuch von www.ttsgroupsupport.com herunter**

Electricity Kit ist ein Warenzeichen der TTS Group LTD.

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