

# METEORITE KITS

## TARDIS time machine lamp kit

**Warning:** You will need reasonable soldering skills to build the electronics. **STOP** if you don't!

### Kit contents:

#### TARDIS Body

MDF TARDIS Body	36	Bag 1
Double sided foam tape	1x 50mm (already applied to MDF)	Bag 1

#### Electronics

LED(1)	12 LED Strip	Bag 2
LED(2)	1 LED	Bag 2
PCB	1	Bag 2
ESP8266 Microcontroller	1 (pre-programmed)	Bag 2
Level stepper	1	Bag 2
Button switch	1	Bag 2
Long LED wire	3x 300mm (Red/Blue/White)	Bag 2
Short LED wire	3x 150mm (Red/Blue/White)	Bag 2
Reset wire	2x 100mm (Blue)	Bag 2
Data jumper wire	1x 50mm (Blue)	Bag 2
5V AC Adapter	1	Bag 2

#### Miscellaneous

Acrylic windows	4	Bag 3
Acrylic light	1	Bag 3
Brass door handle	1	Bag 3
TARDIS Labels	1	Bag 3
Adhesive velcro	100mm	Bag 3
Foam squares	3	Bag 3

### Sound option

MDF Sound panel	3	Bag 4
DF Sound Player	1	Bag 4
SD Card (with mp3 installed)	1	Bag 4
Speaker	1	Bag 4
DF wires	4 x 150mm (Red/Blk/Orange/White)	Bag 4
DF wires Speaker	2x 100mm (Blue)	Bag 4
Sensor wire	1x 400mm (White)	Bag 4
Resistor 470k	1	Bag 4
Capacitor 22pf	1	Bag 4
Aluminium tape	100mm	Bag 4
Copper tape	100mm	Bag 4

### You will also need

- PVA Glue with with bamboo skewer to apply glue
- Glue gun (to glue wires and LEDs)
- Glue stick (optional to put sticker on - prefer PVA)
- Fine tipped soldering iron and solder
- Wire cutters / strippers
- Rubber bands
- Sand paper (fine 120 grit or smaller)
- Craft knife
- Paint (recommend undercoat on MDF, then light sand for top coat)



**Full instructions please go to:** [www.meteorite.co.nz](http://www.meteorite.co.nz)  
**Support and questions email:** [meteoritekits@gmail.com](mailto:meteoritekits@gmail.com)