

## MISSENDEN ABBEY RAILWAY MODELLERS WEEKEND

### Semaphore Signalling

#### What to bring and suggested suppliers

##### Materials you will need to bring:

- Suitable parts to build your signals (see supplier list below).
- Essential basic tools including a cutting mat, craft knife, steel rule, small files, 5-sided cutting broaches, small engineer's square, a selection of small drills (e.g. 0.4 to 1.0mm), pin vices, glass fibre brush etc.
- Soldering iron & stand, 188 and 145 degree solder and your preferred flux.
- Selection of suitable acrylic paints & brushes – e.g. white, black, red, yellow, dark grey.
- If you have them, items such as piercing saw/blades, cordless mini-drill (plus safety goggles), sharp pointed centre-punch, digital Vernier calliper, low tack masking tape.

If you do find on the weekend that you're short of certain parts then the tutor will have a modest selection of spares and extras available.

##### Suggested suppliers:

###### **General modelling supplies and tools etc. -**

- Squires Tools – [www.squirestools.com](http://www.squirestools.com)
  - *Good general supplier of tools, adhesives and paints etc. On line and at various shows.*
- Hobby Holidays - [www.hobbyholidays.co.uk](http://www.hobbyholidays.co.uk)
  - *Good general supplier of raw materials and tools: On line and mail order only (note business currently for sale).*

###### **Signal Components etc.-**

- Alan Gibson Workshop - [www.alangibsonworkshop.com](http://www.alangibsonworkshop.com)
  - *Some signal parts, various sizes of straight brass wire etc. Mail order and at some specialist shows.*
- Hobbyking – [www.hobbyking.com](http://www.hobbyking.com)
  - *Supplier of servos (including HK-SCM9 Micro range and HK-5330 Ultra Micro type).*
- Masokits (Michael Clark) - <https://traders.scalefour.org/masokits/>

- *Mail order only; catalogue downloadable from Scalefour Society Website (hosted trader). A range of etched signal parts including posts, arms & ladders etc.*
  
- Modelu - [www.modelu3d.co.uk](http://www.modelu3d.co.uk)
  - *An expanding range of 3D printed signal lamps and finials in 4 & 7mm scales*
  
- Palatine Models – [www.checksystems.com/palatine models/](http://www.checksystems.com/palatine%20models/)
  - *Nickel-silver etch for LMS 1941 pattern open frame ground signal in 4mm scale. Email sales only (see website).*
  
- Scale Signal Supply (via Invertrain) – [www.invertrain.com](http://www.invertrain.com)
  - *Wide range of signal kits in 7mm scale. On line and mail order.*
  
- Wizard Models (incorporating Model Signal Engineering)- [www.wizardmodels.ltd](http://www.wizardmodels.ltd)
  - *Supplier of an extensive range of signal kits and components in various scales. On line sales only.*

#### **Electronic components –**

- Megapoints – [www.megapointscontrollers.com](http://www.megapointscontrollers.com)

*Servo driver boards etc. On line and at various shows.*
  
- MERG - <https://www.merg.org.uk/>

*Application of electronics & computers to all aspects of railway modelling. A range of suitable electronic kits and various components for use in signal operation will be available to purchase during the weekend.*