

42RMA Remagnetiser – User Instructions

The **REMAGNETISER** is designed to extend the life of your Alnico horseshoe and bar magnets by restoring their magnetic strength. Instead of discarding weakened magnets, you can recharge them quickly and effectively with this device.

(Note: Ceramic, Neodymium, and Samarium Cobalt magnets do not require remagnetisation.)

Setup and Placement

- Place the REMAGNETISER in a secure staff area such as a workroom or office, **not in a classroom**.
- This prevents accidental misuse by students, as small metal objects may become strongly attached and difficult to remove.
- Keep these instructions next to the device for easy reference.

Remagnetising Procedure

1. **Align the poles**
 - Match opposite poles of the magnet to the poles on the REMAGNETISER (N to S and S to N).
 - If the poles repel, the alignment is incorrect—adjust until they attract.
2. **Slide into position**
 - Hold the Alnico magnet firmly and slide it horizontally towards the front of the REMAGNETISER.
3. **Charge each end**
 - Stand the magnet upright on either the North or South pad for ~1 minute.
 - Repeat the process for the opposite end of the magnet.
 - Your magnet is now fully recharged.

How It Works

- **Opposite poles attract** – aligning N and S allows transfer of magnetic force.
- **Magnetic transfer** – the powerful Neodymium magnets inside the REMAGNETISER transfer energy into the Alnico magnet material, restoring its strength.

Safety Precautions

- The REMAGNETISER contains **extremely strong Neodymium magnets**.
- Always ensure **adult supervision** during use.
- **Protective eyewear** is recommended to avoid injury from unexpected magnetic attraction of metal objects.