



## **Sighting System for 40 mm AGL**

Our paper of 17th August 1998 on Engagement of Targets by Direct and Indirect Fire shows how the addition of an elevation and azimuth mount to a suitable Ring Sight™ gives an AGL much more capability.

The Ring Sight™ is mounted on a vertical pivot enabling the Ring Sight™ to be offset by the horizontal angle needed to aim the AGL on a defined bearing when the target cannot be seen by the Ring Sight™. For direct shooting the Ring Sight™ is returned to the in-line position. Two bubbles are provided: one to cross-level the pivot, the other to define the level in the line of fire (these keep the pivot vertical too). If the AGL is required to be set to an elevation this is done in relation to the second bubble. Angle of sight is either inputted using the Ring Sight™ (if the target can be seen) or using the elevation scale to set quadrant elevation (angle of sight + tangent elevation).

With regard to parallelosopes, the artillery may already use these. The Ring Sight™ will need a laying mark on its front face which can be lit at night.