

# Advanced Reader Head 2 – Technical Note 1

## “Base Riser” and French Wheels

**Applicable To:** Software Version 1.4.3 and above, and ARH-2 Iss. 1.4 and above. The software version is indicated by the start up flash sequence of the three user LEDs after all three LEDs have flashed red and green together. For example, the left LED flashing once, followed by the middle four times, followed by the right hand LED flashing twice, would indicated v1.4.1.



Figure 1: Base Riser.

The ARH-2 “Base Riser” (part number ARH-2-RISER) pictured opposite in Figure 1, is used to raise up the reader head to provide a better view of the number ring and in particularly the ball, when in deep pockets, such as often is the case with French wheels.



Figure 2: Fitting the Base Riser.

The base riser is fitted as shown in Figure 2 opposite using the screws provided (M4 x 12mm with integral spring washer).

Note the Base Riser is fitted skewed slightly to the orientation of the Reader using just a single screw. This means the LED beams are unlikely to get a direct reflection from the wheel, which can sometimes cause problems with the Caro wheel.

This skew can be seen by the gap indicated by the arrow on one side, but no gap on the other.



Figure 3: Reader with Base Riser.

The Reader assembly fits to the wheel as before, locating itself on the three self-adhesive gold discs.

Note the rim sensor, used for detecting a new game and No More Bets, is now higher up and may need adjusting. To do this, adjust the BR trimmer as described in the ARH-2 QuickStart Guide. Similarly the WB trimmer may need adjusting – again follow the instructions in the QuickStart Guide.

Note for French roulette wheels, Mode Switch 2 sub-switch 4 MUST be ON.

Note also the functionality of Sub-switches 1 and 2: Both off (default) = new game when ball in rim detected; 1 on, 2 off = new game when wheel empty detected (NMBS ignored); 1 off, 2 on = new game when wheel empty AND ball detected in the rim; both on = new game after two empty revs.