

**USE OF DANAGE TIMING  
EQUIPMENT  
PROTOCOL**



**Introduction**

Scottish Archery, in working to ensure the best training equipment was available for the use of junior and senior squads, purchased a Danage timing system. This type of timing equipment is used at some of the leading archery tournaments and events within the UK and practising with this type of equipment should provide an opportunity to our squads and Scottish Archery team members to experience and familiarise themselves with shooting using a timing system.

The timing equipment was made available by the previous Board to organisers of tournaments within Scotland which are classified as Scottish Record status as a minimum. The current Scottish Archery Board agrees this facility will continue to be made available for use at such events at a nil hire cost. Costs and transportation of the equipment between locations, in taking the timing kit from where it is being stored (last used) to its next event will be the responsibility of the “hiring” club. Any breakages must be reported to the Director of Operations prior to the equipment being used at the “hiring” club’s competition.

The “Use of Danage Timing Equipment Protocol” is to ensure that all competition organisers are aware of their responsibilities when using the equipment; including Health and Safety matters, reducing/negating the likelihood of double booking the equipment, and to provide a reasonable booking and usage protocol. This system is designed to ensure a process for identification of breakages or prevent any inadvertent misuse of the timing equipment, to ensure users are kept safe and seek confirmation from users the equipment is stored in suitable conditions which will assist in prolonging the continuing availability of the system.

**Operating the Equipment**

The Danage timing equipment can only be operated using one or two 12 volt car batteries (connected in series if needed to make 24 volt DC) depending on the length of cabling used. If cables longer than that supplied by SAA are used for whatever reason then a 24 volt DC power source may be required to overcome the resistance of the wiring.

Use of a single 12 volt car battery has been found to be all that is needed for normal use in competitions with the cabling supplied by SAA although the battery, dependent on its capacity, may need recharging overnight for a 2 day shoot.

Due to Health and Safety concerns no other form of power to the equipment can be used. This includes 240 volt and 110 volt (connecting the equipment to mains electricity directly or indirectly via a voltage reduction transformer). It is the responsibility of the shoot organiser booking the equipment to provide the 12 volt battery(ies). A copy of the operating instructions is stored in one of the two wooden boxes used to store the equipment although it is anticipated that all SAA judges will have operating knowledge of its use. These wooden boxes are quite bulky and heavy and organisers should be aware that it will be appropriate for two persons to load and unload the equipment into and from vehicles. A copy of the operating instructions will also be available on the SAA website along with the booking form.

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**Fault Reporting**

Should the equipment develop a fault this should be reported immediately after the end of the event to the Scottish Archery Director of Operations (saa-operations@gmail.com) detailing the fault and any steps taken to resolve the fault, whether successful or not. The Board of Scottish Archery may require the cost of repair or replacement to be carried out by the organiser of the event at the time of such damage occurring, should there be any evidence of negligence or of deliberate misuse.

**Booking of Equipment**

It is anticipated that the Scottish Archery timing equipment will be used by Senior and Junior Scottish Archery Squads on dates that should be known at least six months prior to the planned usage. Outwith these known dates, the Board of Scottish Archery invite organisers of record status tournaments to consider using this equipment based on the information provided under operating of Equipment. On sending an application for WA World Record or Scottish Record Status to the Director of Operations, organisers may wish to indicate at that stage whether they anticipate they will require the use of the Damage Timing Equipment.

All bookings of the timing equipment should be submitted to the Scottish Archery Director of Operations using the booking form that can be found on the SAA website at the Events Page - <http://www.scottisharchery.org.uk/events.php>

**Conclusion**

The Scottish Archery Board would like to take this opportunity to remind tournament organisers of the availability of this Damage Timing Equipment. The availability of the Scottish Archery timing equipment is on a first come basis (outwith the requirements of pre-arranged junior and senior squad or practice by the national teams) and submitted using the official booking form available to download on the SAA website at the Events Page - <http://www.scottisharchery.org.uk/events.php>

When any World Archery shoot is organised with Record Status at Scottish, UK or World level then the use of appropriate timing equipment is essential to maintain that record status whether the timing system in use be the Damage Timing Equipment or traffic lights operated automatically or manually.