

Overview

BARREL SPLIT TIMES (1)

By using four sets of electric eyes and connecting the **Polaris** timer into a computer, you can split a barrel run into eight separately timed sections. The **Polaris** timer displays the running time of the entire barrel

run, while the split times are downloaded into the computer and recorded on a spreadsheet. The **FarmTek Timer Interface** software, Version 2.0 or newer, is required to support this feature.

Preparation For Use

- 1) Attach each electric eye to a tripod. Place Transmitter/Receiver pairs facing each other as illustrated on the opposite side of this card.
- 2) Turn the electric eyes ON. The power indicator lamp on each unit should glow steadily. If the indicator is blinking, the battery is low and should be replaced.
- 3) Align the electric eyes. The opposing electric eye should be directly in-line when sighting down either line on top of the electric eye (left to right alignment), and when sighting down the crack on the side of the eye (up and down alignment).
- 4) Turn on the timer in the announcer's booth by plugging the A/C adapter into a wall outlet and into the POWER jack on the timer. (The optional A/C Eliminator battery pack can be used instead of an A/C adapter).
- 5) The current event type is shown on the Status display on the timer console. If **TIMESTAMP MODE** is not displayed, select the Timestamp Mode as follows:
 - a) Press **SETUP** to access setup functions.
 - b) Press **ENTER** to select a new event.
 - c) Press **NEXT CHOICE** until **Timestamp Mode** is displayed.
 - d) Press **ENTER** to select **Timestamp Mode**.
- 6) Walk through each electric eye beam to force the eyes to send a message to the timer console. This makes the timer console update its electric eye alignment indicators (see below).

Checking Electric Eye Alignment

The bottom right corner of the Status display shows the alignment status of each electric eye. When an electric eye is aligned, its eye number is displayed. If not aligned, an "x" is displayed.

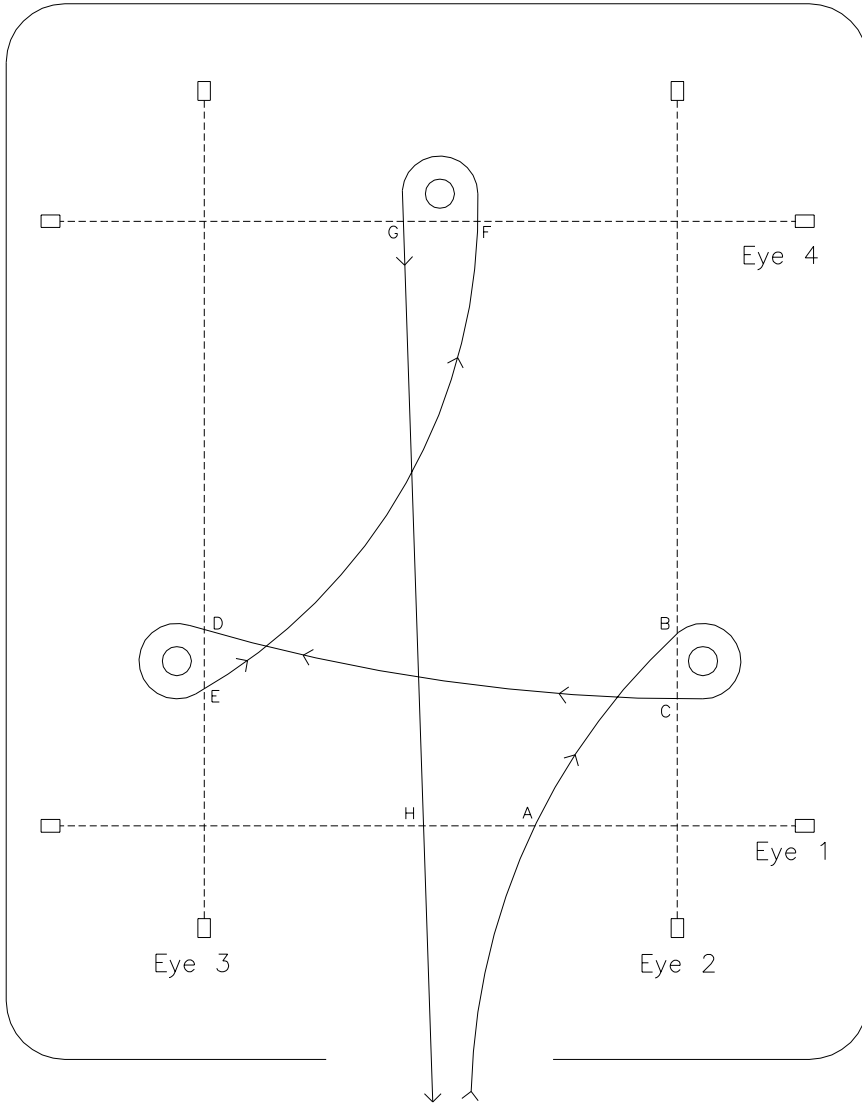
Alignment	Display Shows
Eyes aligned	Eye #1 \equiv 3 4
Eye #2 not aligned (or beam broken)	Eye #1 \times 3 4

Important! When setting up the electric eyes, always take time to align the eyes as outlined above – *even if the timer indicates the eyes are aligned*. This ensures a strong alignment instead of a possibly marginal alignment.

Operation

When the rider enters the arena and breaks the beam, the timer automatically begins timing from zero. As each beam is broken in succession, the split times are passed to the computer. When the run is complete, the timer stops and shows the rider's final time.

Refer to the instructions provided with the **FarmTek Timer Interface** for details on displaying and recording the split times passed by the timer to the computer.



Section	Split Time
A-B	Start to Barrel 1
B-C	Time around Barrel 1
C-D	Barrel 1 to Barrel 2
D-E	Time around Barrel 2
E-F	Barrel 2 to Barrel 3
F-G	Time around Barrel 3
G-H	Barrel 3 to Finish
A-H	Total Time