



There are several disciplines at cross-country skiing that require diverse timing devices.

*The common disciplines are:*

- Single start
- Pursuit
- Mass start
- Relay

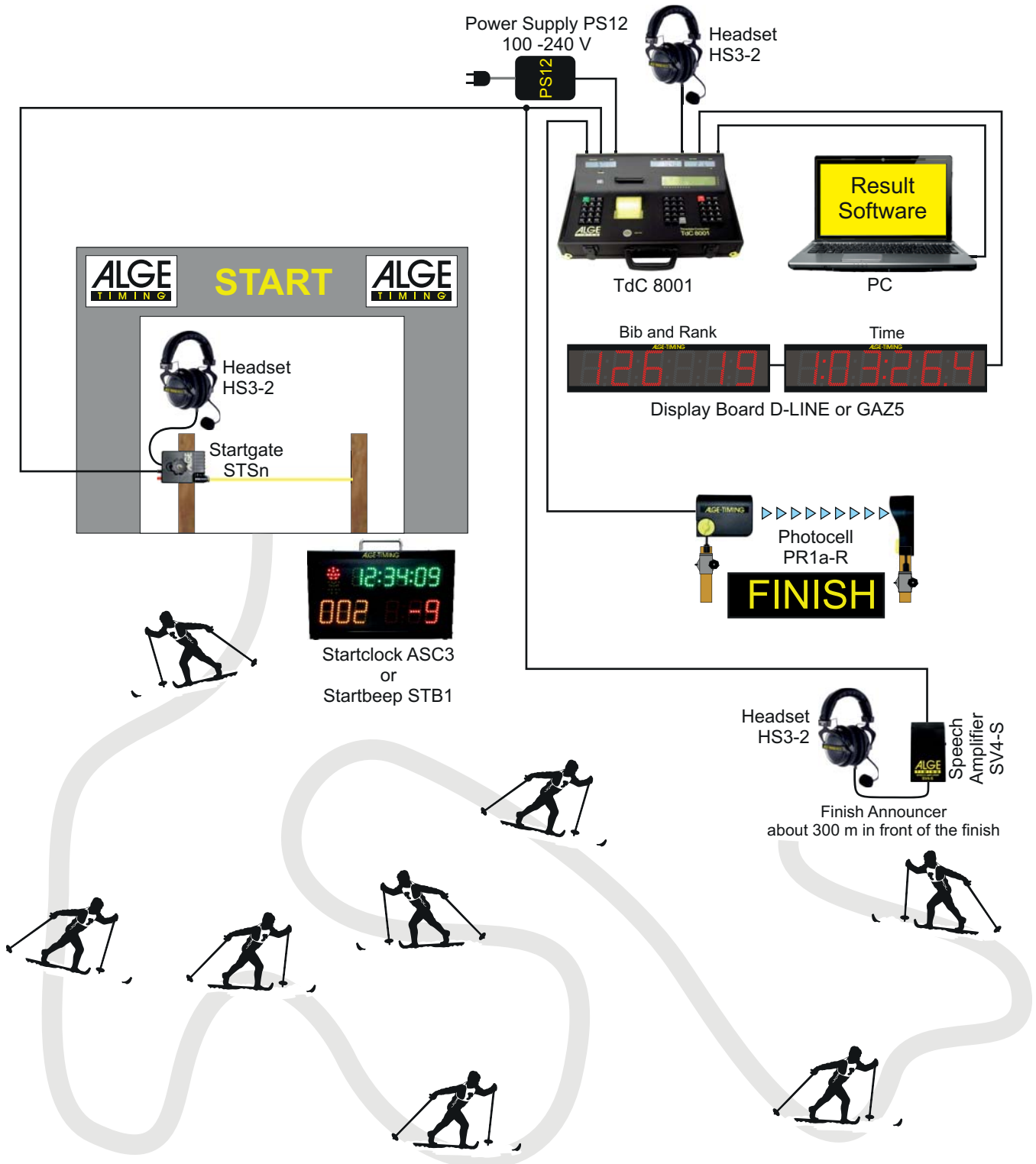
For some competitions a conventional timing system is sufficient. For all competitions with many finishes within a short period of time a photofinish is urgently required. With a photofinish system the finish picture with the exact time for each racer or racer group can be checked on the PC monitor, corrections can be made and not registered racers can be determined.



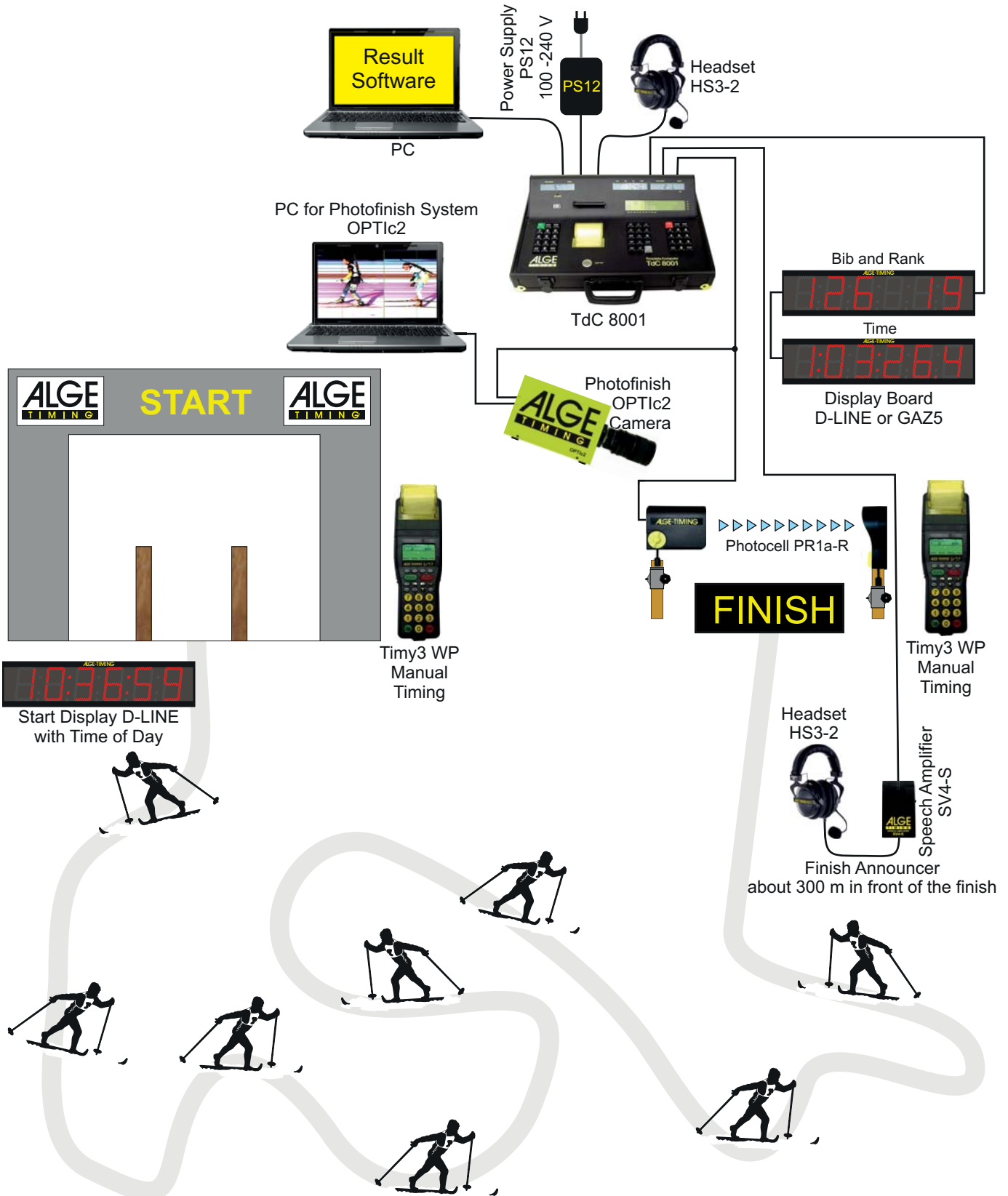
Decision by Photofinish - Finish picture of ALGE OPTIc2

The Startclock ASC3 passes the start interval visually and acoustically on to the racer. The start is effected by the startgate. Via a headset the starter stays in touch with the timer. We also recommend to position a further person about 300 m in front of the finish line to announce the starting numbers of the incoming racers via headset. The finish is triggered by the photocell PR1a-R.

The timing device can of course also control the display boards.



At the start, the display board shows the time of day or run time. This is the information for the racers at what point they can start. We recommend to position a further person about 300 m in front of the finish who announces the start numbers of the incoming racers by headset. The finish is triggered with the photocell PR1a-R. At the same time, every finish is recorded by the photofinish system. Tight finishes or missing start numbers can be determined with the finish picture. The timing device can of course control the display boards.



The start signal for relay or mass start competitions is effected by a start gun. With the gun shot, the time is started. The starter has a headset to communicate with the timer. We recommend to position a further person about 300 m in front of the finish to announce the starting numbers of the incoming racers by headset. The finish is triggered by the photocell PR1a-R. At the same time each finish is recorded by the photofinish system. Tight finishes and/or missing start numbers can be determined by the finish picture. The timing device of course can control the display boards.

