# Farmtek Setup

The Farmtek manual shows how to set up the electric eyes, and how to have it learn new eyes in the need of a replacement. This document just tells you how to set up the control unit for use with MJTiming software.

## Farmtek Control Unit

1. Install batteries and turn on unit
2. Press Setup button
3. Press Enter button to select new event
4. Repeatedly press Next Choice button until the display shows “Press ENTER for Autocross”
5. Press Enter button
6. Press Setup button
7. Repeatedly press Next Choice button until the display shows “Press ENTER for Interface Type”
8. Press Enter button
9. Repeatedly press Next Choice button until the display shows “Press ENTER for JAC Chrono”
10. Press Enter button
11. Press Setup button
12. (*Optional step*) Repeatedly press Next Choice button until the display shows “Press ENTER for Passthru Mode”. If you do this, then all controls are done inside MJTiming. E.g. Reset Stop button is done in MJTiming and not on the Farmtek console. This is a preferable way of operating the Farmtek system.
13. Press Enter button
14. Plug Farmtek unit into computer, start MJTiming and all is ready to go

## Replacing damaged eye with one of the spares

1. Turn off undamaged eye (both receiver and emitter)
2. Install battery in spare eye and an undamaged IR emitter
3. Turn on IR emitter and spare eye and align them
4. On the Farmtek control unit, press Setup and Next Choice until you reach the selection for “Press ENTER to set Eye #2 ID” (or eye #1 ID, whichever one was damaged)
5. It will now display “Break Eye #2 Beam Now”
6. Walk through the beam to interrupt the signal
7. It should display some info about the eye identifier and then go back to the main display
8. Set up the new eye and emitter, and carry on with the event

## Making Farmtek unit work with laptop if no COM port found

See the Farmtek web page for help (<https://farmtek.net/win_driver_fix.html>)