



Model Number: **FarmTronics CMPRO-SWB-PWM30A**

The CMPRO-SWB-PWM30A is a purpose built Automation Switchboard for use in Mobile or Fixed Egg farming Caravans, Coops or Sheds.

The proprietary built ChickenMaster PRO™ Automation Controller is the brains behind the Switchboard allowing the user to fully Automate functions such as Open/Closing of Nest Box Gates, Open/Closing of External Doors, turning On/Off the Internal Lighting and incorporates a Courtesy Light Timer & Push Button for the Egg collection area.

A MANUAL Control Menu offers MANUAL control of all the automated functions within an easy to use four-button keypad.

ChickenMaster PRO™ is the *ONLY* Automated free range egg farming controller which incorporates a Latitude and Longitude feature for your automated functions.

This feature negates the need for the farmer to have to change time clock/timer settings as the seasons change throughout the year.

The ChickenMaster PRO™ knows when the Sun will rise and set based on your actual geographic location anywhere in the world.

It also uses our proprietary Daylight Length Requirement (DLR) feature which uses your geographic location and calculates how much actual Daylight is occurring and then adds the use of Artificial Light to achieve the programmed Daylight Length Requirement.

The DLR feature promotes the ultimate egg-laying environment for your hens.

All the Sunrise and Sunset variables can be fine-tuned by the farmer offering amazing flexibility to suit each the individual farmer and their particular farming activities.

A 30 Amp PWM, 3 stage full function Solar Charge Controller with LCD display is also incorporated inside the Automation Switchboard and will keep your battery topped up and performing during those winter months.

The system is capable of charging the following types of batteries:

Lead Acid (Flooded, GEL and AGM) and Lithium Battery ( Li(LiCoMn)O<sub>2</sub> and LiFePO<sub>4</sub>)

The Enclosure is made from high impact UV Stabilised Polycarbonate and uses 304 Stainless steel mounting clips and lid locking clasps.

A Clear lid allows full visibility of all the LCD displays without having to open the enclosure lid.

The enclosure, Cable Wiring Glands and Courtesy Light Push Button have an IP67 Weatherproof rating and can be mounted in the harshest of environments.