MODEL LYX230 DIGITAL CLOCK INSTALLATION AND OPERATION

There is a protective plastic film covering the front face. ***Do not remove it until installation is complete.***
This clock is designed for operation from a 12 or 24v DC source only (10 to 32v). It draws about 20mA (.02 amps)
Allowable ambient temperature range -20 to + 70° C. The unit, cables and connections are not waterproof.
The LED display type is designed for indoor use, it is not designed to be readable in full sunlight.

WIRING INSTALLATION

As usual best practise please ensure all + wiring is fused as near as possible to the voltage source (battery) and all
wires run in a workmanlike manner. All connections must be secure, low resistance and protected.
There are four power wires with open wire ends, use fittings of your choice to connect to the vehicle wiring.

RED is to positive (+). It controls the clock display, and is usually connected to the vehicle ignition switch ACC
position. This means the display will be turned off when the key is removed. If an ignition switch is not available, a
separate switch could be installed.
If display off is not required, the red wire can be joined to the yellow wire and both connected to an 'always on'
source of +12v. Install a fuse of 1/2 or 1 amp rating.

BLUE is to positive (+). It retains the clock settings in memory. It should be made direct to the battery, or some
other point where +12v is always on. Install a fuse of 1/2 or 1 amp rating.

YELLOW is to positive (+). It controls dimming of the display. This connection is optional. If dimming is required
connect it with a 1/2 or 1 amp fuse to the vehicle main light switch or a separate switch installed by the user.

BLACK is to negative (-). It can be connected to the battery, the chassis if metal, or some other convenient point.

MOUNTING

All necessary wiring should be run to the chosen position of the clock before mounting the clock.
The clock is intended to be mounted on an overhead surface, with the display facing the desired area.
To mount, first remove the 2 plastic covers on the underside of the case, by inserting a small screwdriver or similar
into the small moulded recess and lifting the cover.

Access can now be gained to allow two screws to be used in attaching the clock to the overhead. After the screw
mounting is complete, replace the covers. Locate the two small tabs first and 'bend' or 'spring' the larger single tab
into position with thumb pressure.

SETUP and OPERATION

This clock displays in 12 hour format. There is no AM or PM indicator.
The centre colons flash at 1 second intervals.
When first turned on, the clock goes through a self-test procedure, and all digits are displayed in sequence.
At the conclusion of the self-test the display will show just 3 digits if the time has not been set.
Once the time has been set, the display will show the correct time at the conclusion of the self-test.

The setting buttons are deliberately set slightly in from the front panel to prevent unintended settings changes.
Press and release SET, the hours digit will begin flashing
Press + or - repeatedly to increment the hours setting to the correct time.
Press and release SET, the minutes digits will begin flashing.
Press + or - repeatedly to increment the minutes setting to the correct time.
Press and release SET to finish.

WARRANTY

In the event of malfunction, Cruising Electronics will, at their discretion, repair or replace the unit, providing that:
Malfunction has occurred within 12 months from the date of purchase - proof of purchase is required
The unit has not been exposed to any fluid, corrosive or hazardous substance, or excessive airborne particles
The unit is returned freight paid to Cruising Electronics or their nominated agent
Please note that under no circumstances can Cruising Electronics be held responsible or accept liability for any
consequential damages or loss, incurred as a result of installing or operating this clock.