

DIGITAL ELECTRONIC TIME

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MODEL *Six-Seventy* DIGITAL ELECTRONIC CLOCK

The unique Model **Six-Seventy** Digital Electronic Clock is designed for general time-keeping wherever there is the need for the most advanced, precise and logical method of indicating the time of day.

Using the most modern electronic techniques, the **Six-Seventy** has no moving parts and is therefore completely silent in operation. A single control sets the time and a single switch instantly programmes the clock to indicate on either the 12- or 24-hour time system. Special circuits are incorporated which prevent the **Six-Seventy** showing an incorrect time should the mains supply be interrupted and the internal power supply is fully stabilised against wide mains supply voltage fluctuations.

Mounted on a series of miniature plug-in printed circuit boards, the extremely reliable electronic circuits convert timing pulses into discrete time units, which are then displayed on large size neon display tubes of the latest types.

This brilliant illuminated display, which changes once every second, is easily readable at a distance in excess of forty feet, even under bright ambient lighting conditions, and has a useful life rated in tens of thousands of hours.

Because no redundant information is ever presented, a glance at the vivid display is sufficient to record accurately the time of day to the second.

The **Six-Seventy** display is not only easy to read without any possibility of wrong interpretation, but it is also the most advanced and *logical* way of showing the time of day. It is *logical* because it is the only way to display the 24-hour time system without ambiguity. It is *logical* because the time is flashed to you second by second, in numbers, just as time is written throughout the world.

The **Six-Seventy** is a precise and *logical* advance in general time-keeping.

Suitable for either desk or wall mounting and with a choice of four modern colours for the robust contemporary styled case, the **Six-Seventy** will blend perfectly with all decors.

The **Six-Seventy** is fully guaranteed by Darang Electronics Limited for a period of two years from date of purchase, including all labour and return carriage charges within the United Kingdom.

A full technical specification appears on the back page of this brochure.

..... the
logical way
to tell the
time



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DISPLAY: Latest in-line numerical neon display, with a dark red light filter fitted as standard.

Hours and Minutes displays ... 30mm. high.

Seconds display 15mm. high.

Viewing range in excess of forty feet under bright ambient light conditions.

TIME SOURCE: Mains supply frequency derived on standard model.

An oven temperature-controlled crystal time source, having a stability within two parts in a million over 0° to 45° Centigrade, can be fitted at extra cost.

Models for use with an external time source are also available.

TIME SYSTEMS: A single switch selects operation on either the 12- or 24-hour time systems.

SETTING UP: A single control enables easy setting-up and synchronising to time of day.

OPERATING TEMPERATURES: Within the ambient temperature range 0° to 45° C.

OPERATING VOLTAGES: Two fully stabilised ranges covering 98-130 volts or 196-260 volts 50 cycles.

Models for 60-cycle operation are also available.

POWER CONSUMPTION: Approximately 35 VA.

MAINS FAILURE INDICATION: Special circuits indicate that an interruption in the mains supply has occurred and prevent an incorrect time being displayed because of mains failure.

DIMENSIONS: Width 16.5 ins. (41.9 cm.); Depth 8.5 ins. (21.6 cm.); Height 6.75 ins. (17.2 cm.).

CASE COLOURS: Dark Green, Mid-Blue, Mid-Grey, Mushroom.

Front Panels: Light Buff to B.S.2660.

WEIGHT: Approximately 12 lbs. (26.4 kilograms).

ALTERNATIVE MODELS: Models having additional displays for date or day number, etc., are also available; prices will be quoted on receipt of specification required.

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