

The TimeKeeper™ Clock

Initial Power-up Condition:

A “Hello” message will be displayed when the Clock is first powered up. Use the “Setting the Time” instructions to set the clock. These instructions need to be repeated every time power is applied.

Setting the Time:

Press and hold the **Mode** button to enter set time mode.

- 1) Press the **Up Arrow** button or the **Down Arrow** button to set the hours (0 to 23).
- 2) Press the **Mode** button again.
- 3) Press the **Up Arrow** button or the **Down Arrow** button to set the minutes (0 to 59).
- 4) Press the **Mode** button again.
- 5) Press the **Up Arrow** button or the **Down Arrow** button to set the seconds (0 to 59).
- 6) Press the **Mode** button again.
- 7) Press the **Up Arrow** button or the **Down Arrow** button to to set the month of the year (1 to 12).
- 8) Press the **Mode** button again
- 9) Press the **Up Arrow** button or the **Down Arrow** button to to set the day of the month (1-31).
- 10) Press the **Mode** button again to return to normal display.

Display Format:

Press the **Mode** button to select the display format. Pressing the **Mode** button repetitively will sequence through the following modes.

1. Displays hours and minutes in 24 hour mode
2. Displays hours and minutes in 12 hour mode
3. Displays minutes and seconds.
4. Displays month and day.

Power Requirements

The Clock may be powered from any of the following power sources.

- AC power: 50Hz or 60Hz 6VAC to 18VAC.
- DC power: Center positive, outside negative 7 volts to 25 volts DC.

AC Power operation. When operating from AC power, the clock accuracy is determined by the 50Hz or 60Hz source.

DC Power operation. When operating from DC power, the clock accuracy is determined by the internal 32,768Hz tuning fork crystal. The crystal accuracy is typically 20PPM.

Power Consumption. With the display on, the unit consumes 20-30ma typical (60ma MAX.).

Connectors.

- **Power.** Coaxial 2.1mm/5.5mm for AC or DC power. Center pin positive.
- **RJ-11 Accessory connector.** This TimeKeeper™ may be connected to another TimeKeeper™ using a modular crossover phone cord. One unit will function as a timer, the other unit(s) will function as a remote display(s).

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