

BIG CEE

S T U D I O S

Operating Instructions: Single-Tube Nixie Clocks, Type 7

The three buttons on the back of the clock have the following functions:

- Mode: Set display mode
- Hr: Set Hours
- Min: Set Minutes

Setting 50Hz or 60Hz operation and 12 or 24 hour modes

With the clock powered off, hold 'Mode' down. Apply power to the clock. Press 'Mode' again to select from the following options which are displayed on the tube:

- 1) 60 Hz, 12 Hour mode
- 2) 60 Hz, 24 Hour mode
- 3) 50 Hz, 12 Hour mode
- 4) 50 Hz, 24 Hour mode

When you have selected the appropriate option, remove power from the clock, and the setting will be stored in flash memory. The clock is shipped set for 60 Hz (United States and Canada), 24 hour mode.

Setting the time:

Press and hold either 'Hr' or 'Min' to set either Hours or Minutes respectively. When the button is being held, and for a short period after release, the clock will show only the minutes or hours that are being adjusted.

Setting display mode

The three display modes are as follows, and are indicated by the tube displaying the mode number for a short period then reverting to time display:

- 1) Normal display: digits flash on and then off
- 2) Fade A: digits fade in and then flash off
- 3) Fade B: digits fade in and fade out

Press and hold 'Mode' until the desired mode is displayed on the tube then release.

Tube blanking

To preserve tube life, the 'Tube' switch can be used to turn the tube on and off but maintain timekeeping when you will be away from the clock for an extended period.

Replacement tubes

Version 7.1 uses Russian IN-18 tubes, and version 7.2 can use either Z566M or ZM1040 tubes. Replacements are available on Ebay or elsewhere on the web.