

## **CITY MASTER BOX COMPANY      TECHNICAL BULLETIN 03**

### Master Box Grounding

Ground the earth ground terminal on the city connection terminal block before energizing the circuit board. This grounding precaution is only necessary when the circuit board is energized.

The floating ground design of the master box circuit board means that the circuitry is only grounded to the earth ground terminal on the city connection terminal block.

When bench testing or programming the master box ground the earth terminal to any electrical service ground or other suitable ground such as an electrical conduit, water pipe, conductive grounded surface, bench or mat or temporarily connect the terminal to the mounting plate if the plate or the enclosure is grounded or setting on a grounded work surface.

For the field installation energize the circuit board only after the terminal has been permanently grounded according to the requirements of the AHJ or connect a temporary ground to a suitable ground or to the mounting plate if the enclosure is grounded.

Remember to remove any temporary ground connections once the permanent earth ground is connected.

For additional technical support please contact the manufacturer as follows.

ALARM APPLICATIONS, INC  
P.O. BOX 297, COLCHESTER, CT 06415  
Phone 800.875.8882, 860.653.6188, Fax 860.653.6676  
[hank@alarmapplications.com](mailto:hank@alarmapplications.com)

Published 6/22/2011