

### Precautions Relating to Touch Screen LCD Module Handling.



The following precautions will guide you in handling of our product correctly:

- 1) Liquid crystal display devices:
  1. The liquid crystal display device panel used in the liquid crystal display module is made of plate glass. Avoid any strong mechanical shock on LCD and touch screen. Should the glass break, handle it with care.
  2. The polarizer adhering to the surface of the LCD is made of a soft material. Guard against scratching it.
  3. Wash your hands or clothes if you touch liquid crystal!
- 2) Avoid Static electricity!
  1. When working with the module, be sure to ground your body and any electrical appliances you may be using.
- 3) When the LCD module alone must be stored for long periods of time:
  1. Protect the modules from high temperature and humidity.
  2. Keep the modules out of direct sunlight or direct exposure to ultraviolet rays.
  3. Protect the modules from excessive external forces.
- 4) Use the module with a power supply that is equipped with an overcurrent protector circuit, since the module is not provided with this protective feature.
- 5) Do not ingest the LCD fluid itself should it leak out of a damaged LCD module. Should hands or clothing come in contact with LCD fluid, wash immediately with soap.
- 6) Conductivity is not guaranteed for models that use metal holders where solder connections between the metal holder and the PCB are not used.
- 7) Do not stack up modules since they can be damaged by components on neighboring modules.
- 8) Do not place heavy objects on top of the product. This could cause glass breakage.
- 9) Do not scratch LCD or touch screen!
- 10) In order to maintain module reliability, do not touch or hold by the connector area.
- 11) Avoid any bending, pulling, or other excessive force on flexible cables, which can result in broken connections.
- 12) **ATTENTION!!!** Avoid disconnecting touch screen from the controller!