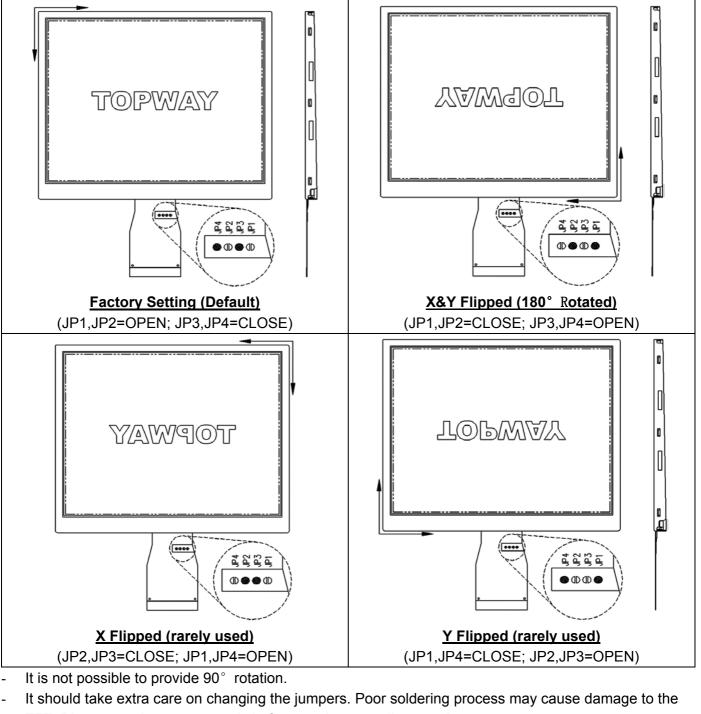| Title: | Edit: | Date: |
|---|---|---|
| TOPWAY LMT057D series TFT display orientation (scanning direction) setting | K.C. | 2010-08-21 |

## Background

By default, LMT057D series TFT display scanning direction was fixed in the production process.

In some cases, user's application may want to change its orientation. This document is going to show the possible orientation, by adjusting the jumpers on the FPC.

## Outline and Direction Setting

The following display content based on the same driving signal, which could provide a "normal" display with factory default Setting.



**Factory Setting (Default)**
(JP1,JP2=OPEN; JP3,JP4=CLOSE)



**X&Y Flipped (180° Rotated)**
(JP1,JP2=CLOSE; JP3,JP4=OPEN)



**X Flipped (rarely used)**
(JP2,JP3=CLOSE; JP1,JP4=OPEN)



**Y Flipped (rarely used)**
(JP1,JP4=CLOSE; JP2,JP3=OPEN)

- It is not possible to provide 90° rotation.
- It should take extra care on changing the jumpers. Poor soldering process may cause damage to the TFT. Disconnect the power supply before any jumper adjustment!

-- end --