

## CHAPTER 3. ADJUSTMENT PRECAUTIONS

### [1] ADJUSTMENT PRECAUTIONS

This model's setting are adjusted in two different ways: through the I2C bus control and in the conventional analog manner. The adjustments via the I2C bus control include preset-only items and variable data.

CAUTION: Make sure TV set in "Normal condition" before switch to Service Mode for adjustment.

#### 1. Setting the service mode by the microprocessor.

- i) Power OFF the TV set. Press both CH-UP and VOL-DOWN on the TV set and then turn on the Main Power simultaneously. Wait for 5 seconds, the TV will switch to Service Mode and the microprocessor is in input mode. (Adjustment through I2C bus control) Service mode also can be reached by pressing "Service" key (code: 81 Hex)
- ii) Press the MENU key on the remote controller to get ready to select the mode (Adjustment mode, Setting mode, Check mode and Option mode) one by one.
- iii) Press the CH DOWN / UP key on the remote controller to select the item in Adjustment mode, Setting mode or Option mode.
- iv) Using the VOLUME UP/ DOWN key on the remote controller, the data can be modified. Please wait approximately 200 msec for data storage in EEPROM before select to another mode.
- v) In Check mode the data cannot be changed.
- vi) Press both CH-UP and VOL-DOWN buttons on the TV set simultaneously or press the "SERVICE" (81 HEX) key again, it will switch to the NORMAL mode position, and the microprocessor is out of the SERVICE mode.

#### 2. Factory Presetting.

- i) During Service mode, press both CH-UP and VOL-UP on the TV set simultaneously for 5 seconds. Then release the CH-UP and VOL-UP button. Initial values are preset.
- ii) The initial data are preset as listed in page 3-7 to 3-12.
- iii) Make sure the data need modification or not (Initial data).

Precaution: If haven't done this initialization, it may possibly generate excessive Beam current.

#### 3. For reference please check with memory map RH-IXB725WJN1. (See Page 4-1 ~ 4-16)