

# **INTERTEK TESTING SERVICES - Menlo Park**

**Golf Range Finder, Model: GDM-10A**

**Date of Test: March 16-24, 1998**

## **Appendix E - Theory of Operation & Tune-Up Procedure**

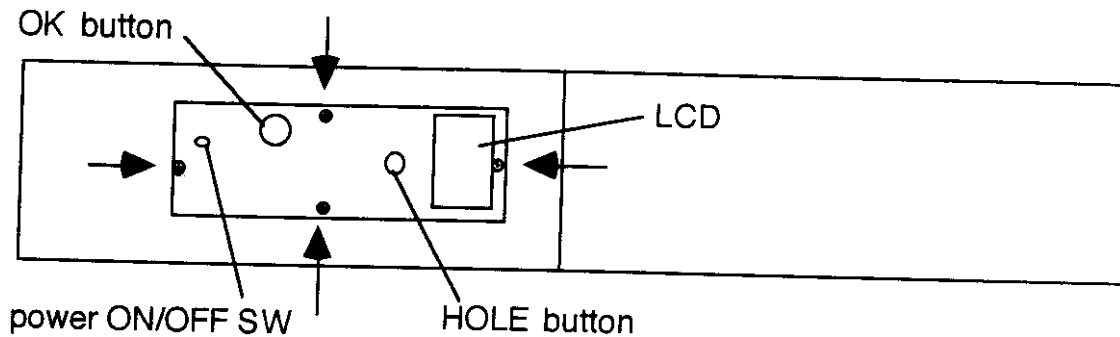
See attached.

### 3. Tune up procedure of transmitter

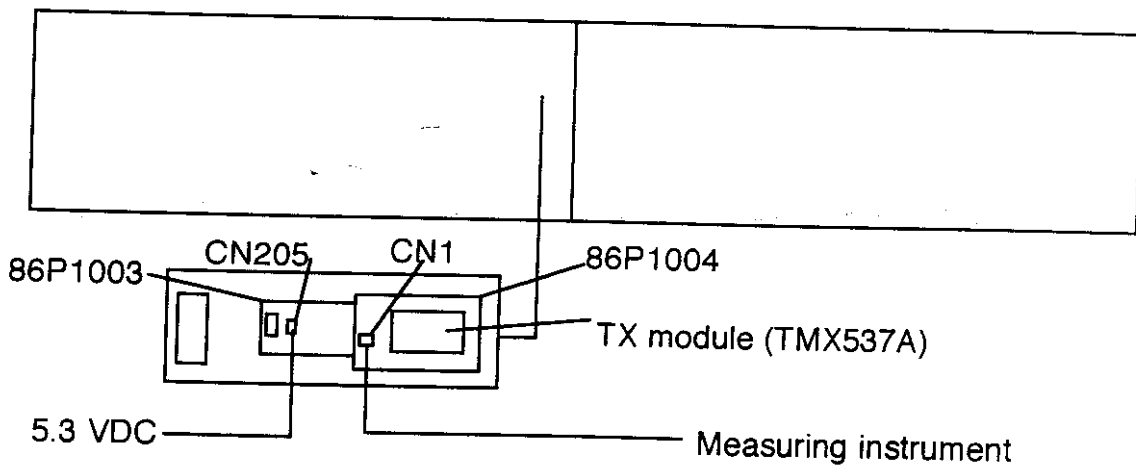
#### 3.1 Test instrument set up

Interconnection;

- 1) Open the Mother unit by the key .
- 2) Undo four screws by the special driver.

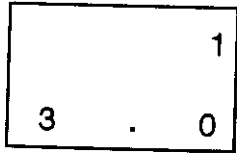


- 3) Disconnect the antenna cable from CN1 on 86P1004.
- 4) Connect the BNC connector assembly to the CN1.
- 5) Connect the end of the BNC connector to the measuring instrument.
- 6) Install the supplied battery into the mother unit or disconnect CN205 on 86P1003 and connect 5.3 VDC power supply to the CN205 (#1:+, #2:-).

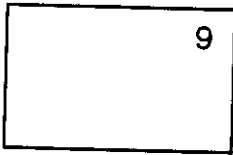


How to start transmission from CN1;

1) Turn the Mother unit to ON while pressing both of HOLE and OK button. The following picture appear on the LCD.



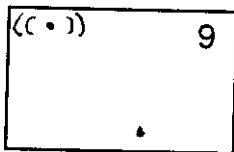
2) Press the HOLE button 8 times so that the "9" appears as shown below.



3) Press the OK button 3 times so that the "((.))" appears as follows:

NOTE:

If the OK button is pressed more times, picture changes as follows:



TX module is working and transmitting signal.



TX module is working but not transmitting signal.

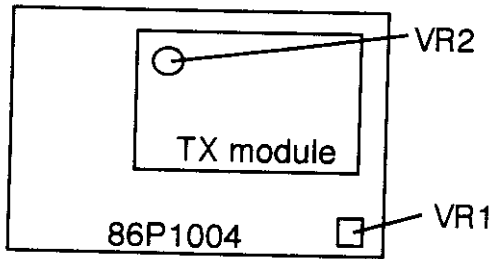
When power is turned OFF, TX module is turned OFF.

### 3.2 TX power/ frequency modulation adjustment

Referring to 3.1 , set unit to start transmission.

TX power adjustment;

This can be done by VR2 in TX module



Frequency modulation adjustment::

This can be done by VR1(R15) on 86P1004.