

# KENWOOD

## Communications Division Application Note

# AAN-0027

**Date:** February 27, 2004

**Title:** TM-D700A INTERNAL CLOCK AND APRS TIME STAMP

If the time indication on APRS data is incorrect or goes beyond 2400 (example 2930), one of the following items may have occurred.

1. The TM-D700A was left disconnected from the power supply for over three months allowing the internal Lithium Ion battery to discharge.
2. The internal Lithium Ion battery was recently replaced and the reset procedure listed below was not performed.
3. The flat cable E37-0840-05 between the Control PCB and the TNC PCB within the TM-D700A was disconnected.

Performing the following reset procedure, followed by setting the time and date will alleviate this condition.

### **RESET PROCEDURE:**

Press and hold the REV (F3) and Low (F4) keys and turn on the TM-D700A.

The frequency display screen will come on and the internal clock is reset to January 1, 2000, 00:00:00”.

### **ADJUSTING THE INTERNAL CLOCK:**

Please follow the procedures on page 12 of the TM-D700A “Specialized Communications” Instruction Manual.

### **NOTES:**

A production change was made at S/N 312xxxxx that performs an automatic reset when performing the “Adjusting the internal clock” procedure on page 12. Therefore you do not have to manually perform the reset procedure, but you do have to perform the internal clock adjustment procedure listed on page 12.

Previous APRS data will still be stored in memory with the wrong date stamp. APRS data received after following the procedures listed above will have the correct time stamp information.