



Technical Note TN-647

T2030 Error Code Display Messages

13th November 2000

Applicability

This Technical Note only applies to the T2030 radio units.

1. Information.

Details

On other T2000 trunked products that Tait offer, it is easier to identify the radio error codes if and when they occur. However, the T2030 does not have the luxury of a LCD or LED segment display to easily convey those error messages.

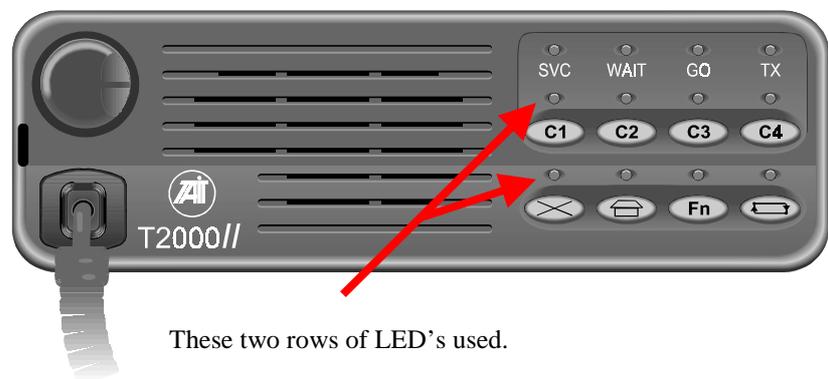
This Technical Note will help with understanding what is displayed on the T2030 product when an error occurs.

2. The T2030 Display.

Details

The display on the T2030 Control Head consists of 3 rows of 4 LED's of which the majority are coloured green (red in Series I product). It is these LED's which are used to tell the user which errors have occurred.

The way the error number is conveyed to the user is by lighting up the required LED's in the middle and bottom rows of LED's on the control head to indicate **binary numbers**. The middle row of LED's indicates the '10's decimal digit and the bottom row of LED's indicates the '1's decimal digit. The top row of LED's does not light up when an error is displayed.



These two rows of LED's used.

For example:

Noting that the LED's on the right hand side indicate the least significant bit, if the C4 LED is on and the CALLBACK and FUNCTION LED's are on, this means the following:

Middle LED's	0 0 0 1_2	1 in decimal
Bottom LED's	0 0 1 1_2	3 in decimal

This means that Error 13 has occurred.

Knowing how to read the error messages on a radio will shorten the time it takes to find a solution as to why an error has occurred.

CSO's: Please inform all relevant Technical and Sales staff.

3. Issuing authority

Name and position of issuing officer

Barry Crates
T2000 & T3000 Customer Support Engineer