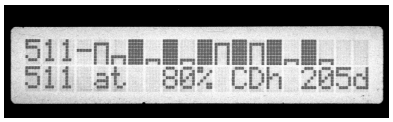
Release Notes -V2.45 for Lil'DMXter2 (FD DMX-1B) - released Jan 1, 2007

Price $50.00 with manual and EPROM. $40.00 by email with PDF manual.
Price $90.00 including ShowPlayer.

New Routines

- **Graphical Receive** routine
  This routine allows 32 slots to be viewed at once for a quick over view. Each slot is displayed as a 10-state bar graph. One state shows which slots are at zero, one state shows which slots are at full. The remaining 8 states show intermediate levels. Optionally the exact level of the first displayed slot can be read in all three number formats.



- Send and receive System Information Packets **(SIP)**
  - Allows monitoring the number of packets received, while keeping track of three different types of errors.
  - This code may be used to monitor working systems in the field or help with the development of new systems supporting SIPs. The extent of this code can be judged by the fact that it adds a dozen new menu items. Many of these items are cursor menus with four or five different parameters per menu item.
- Measure **Inter slot** spacing in µs
- Measure **Mark after START Code** in µs
- Measure **Mark Before Break** (MBB) in µs

New features

- Modifies flavor setting code to enter Inter slot spacing and MBB in engineering units.
- Most routines that display slot values now allow changing number format by using the hot key sequence **<RIGHT><UP>**.
- Modifies the ADJUST ALL SLOTS routines so it optionally allows bumps to half and full.
- **USER OPTION** menu now has four new entries
  1. Reports firmware checksum and image size
  2. Reports the firm build date.
  3. List firm wear author credits
  4. A switch to enable bumps in ADJUST ALL.
- E1.11 has new recommended packet timings. These are now the default flavor. The old default and adjustable flavors are all still supported.
- Now, in **VIEW LEVELS,** pressing the <DOWN> key will clear the buffer as well as restart reception. Pressing the <UP> key simply restarts reception as it always has.
- A second version of VIEW LEVELS is in the SIP menu. This routine automatically restarts reception whenever valid data is present. This is useful for certain equipment testing.

Changes

- **FUNCTION SELECT MENU** renamed **MAIN MENU**.
- **SETUP USER OPTIONS** menu renamed **USER OPTIONS**.
- **Inter slot time** is now also known as **MBB** or Mark Before Break.
- Two issues with ShowPlayer have been corrected.

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