

DLDBUILD: Linotronic 630 Download Builder

Version 1.0.0.1: May 6th, 1999

OVERVIEW:

The Linotronic 630 differs from others recorder in the sense that it needs to be loaded with its controlling software prior to imaging. This application is used to take the software supplied by Linotron/Heidelberg and creates a file to be used by the Xitron interface to download this software.

The software supplied by Heidelberg is contained on a Mac formatted 3.5 inch floppy and is normally used by a Mac application that interfaces to the Rip 50 or Delta. This Mac application takes the information on the floppy and stores it in the Linotronic rip for use whenever the rip senses that the recorder needs to be loaded (normally, once per power-up/reset).

The download process also includes sets of parameters that may (in most cases, must) be edited for each specific recorder. The DLDBuild application allows the user to edit these "Static Parameters", thus tuning the download to the specific recorder. For all new downloads, the "Max Laser Current" and "Peltier Temperature" will need to be set. In addition, switches like "Using Online Processor" may also need to be modified.

For DLDBuild to be used, the contents of the Mac floppy containing the download needs to be transferred to NT. The transfer should include all files on the floppy, in the existing directory structure. Provisions in DLDBuild have been made to support both long and 8.3 file naming conventions.

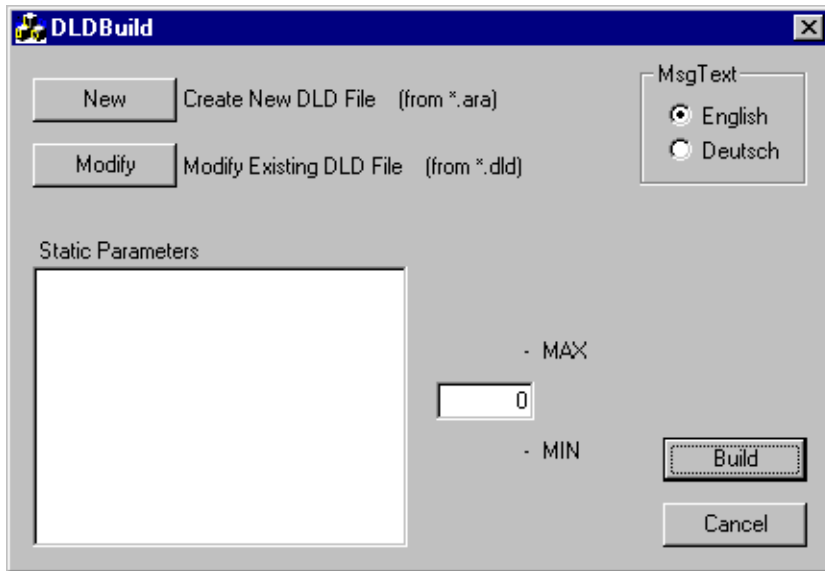
Once the floppy has been transferred, you should see the following file:

Vers. A3K2			
26 items, 1 MB available			
Name	Date Modified	Size	Kind
▼ -- Installation 1	Wed, Jan 13, 1993, 2:45 PM	—	folder
JobParams.Cur	Thu, May 16, 1991, 8:48 AM	1K	document
MatTypeParams.Cur	Thu, May 16, 1991, 12:21 PM	1K	document
ParamsDir	Thu, May 16, 1991, 12:32 PM	zero K	document
ParamsDir.Cur	Thu, May 16, 1991, 12:14 PM	1K	document
▼ -- Installation 2	Wed, Sep 16, 1992, 5:53 PM	—	folder
▼ MIT-Stanze	Wed, Jan 13, 1993, 1:43 PM	—	folder
Default.96	Fri, Feb 7, 1992, 11:30 AM	1K	document
JobParams.config	Fri, Feb 7, 1992, 11:30 AM	2K	document
Program	Wed, Jan 13, 1993, 9:51 AM	132K	document
StaticParams	Wed, Sep 23, 1992, 6:27 PM	1K	document
StaticParams.config	Wed, Sep 23, 1992, 6:27 PM	5K	document
VLBData	Tue, Feb 11, 1992, 8:26 AM	22K	document
▼ OHNE-Stanze	Wed, Jan 13, 1993, 1:44 PM	—	folder
Default.96	Fri, Feb 7, 1992, 11:23 AM	1K	document
JobParams.config	Fri, Feb 7, 1992, 11:23 AM	2K	document
Program	Wed, Jan 13, 1993, 9:51 AM	132K	document
StaticParams	Wed, Sep 23, 1992, 6:24 PM	1K	document
StaticParams.config	Wed, Sep 23, 1992, 6:24 PM	5K	document
VLBData	Tue, Feb 11, 1992, 8:26 AM	22K	document
▼ -- Text DEUTSCH	Wed, Sep 16, 1992, 6:33 PM	—	folder
ErrorQueue.config	Wed, Sep 16, 1992, 6:05 PM	9K	document
MsgText	Wed, Sep 16, 1992, 6:05 PM	13K	document
▼ -- Text ENGLISH	Wed, Sep 16, 1992, 6:35 PM	—	folder
ErrorQueue.config	Wed, Sep 16, 1992, 6:05 PM	12K	document
MsgText	Wed, Sep 16, 1992, 6:05 PM	13K	document

Once this directory is available in NT, the application can be run.

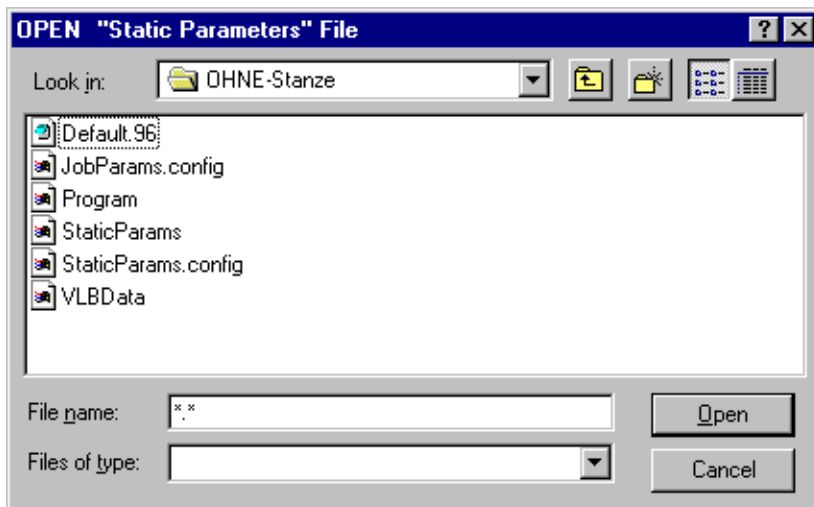
INVOCATION:

The DLDBuild application is installed in the Rip's "Utilities" folder. Just double-click to invoke. The following dialog will appear:

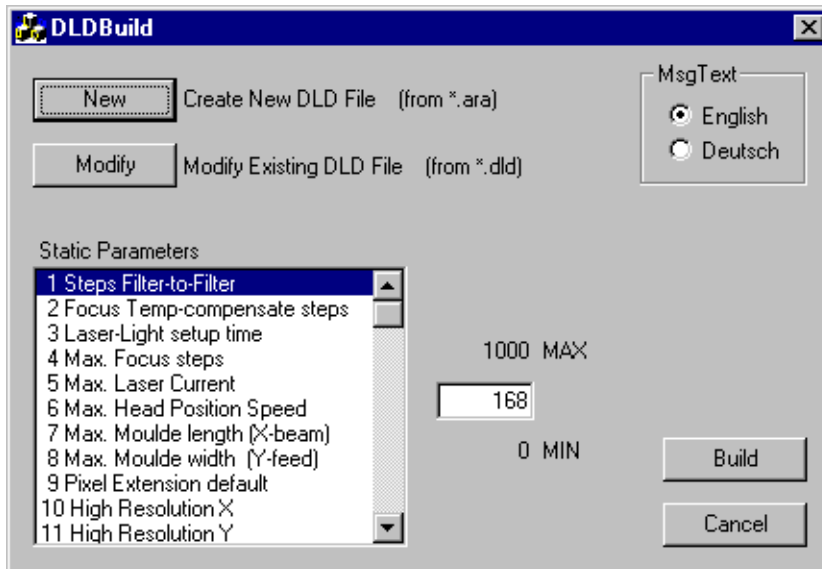


The "Msg Text" control is used to select which version of messages are used in the download, English or German. This control is only valid when creating a new Lino630.DLD using the "New" button. Set it as desired.

To build a new DLD, click on the "New" button after selection the desired language. At this point, an "Open File" dialog will appear to allow the user to point at the contents of the Lino 630 download diskette that has been transferred to NT. The Open File requires the user to find the "Static Parameters" file in the directory structure. This file will normally be located in the folder "—Installation 2\Mit-Stanze" or "—Installation 2\OHNE-Stanze" depending upon the presence of a Punch in the Lino 630 (OHNE means Without).



Start the build process by double-clicking on the "Static Params" file. At this point, DLDBuild will find the remaining files and present the following dialog:



At this point, the user needs to change any necessary static parameters in the download using “Static Parameters” window. Simply scroll and select the parameter to be changed and type the desired value in the box just to the right. As stated before, parameter number 5, “Max. Laser Current”, will almost always need to be modified, because the value supplied by Heidelberg is 0. Use a setting on 325 to start. Also, parameter number 51, “Peltier Center-temperature” will also need to be set for the same reason (try 126).

Once the parameters are satisfactory, click on the “Build” button to create the “Lino630.DLD” file to be used in the Xitron interface. The DLD file will be placed in the same folder as the “Static Params” file and must be copied to the correct folder before operation. The file needs to be placed in the same folder as the plugin (“Lino.l32”) file, usually “sw\device\lino”.

If it is necessary to change static parameters in an existing “Lino630.DLD” file, DLDBuild can be used to open the file and change the parameters. Click on “Modify” and locate the “Lino630.DLD” file to be changed. Just make sure that the “Static Params.Config” file is located with the DLD. Static Params.config is needed by DLDBuild to correctly edit the parameters. The simplest way to assure this is to always do the “Modify” in the same folder that the Lino630.DLD was created in.