

eADL ENHANCED AIRBORNE DATA LOADER



Compact USB Slot Model



Floppy Disk Drive Model

Easy ADL and MDDU Replacement for Streamlined Data Distribution

Teledyne Controls' enhanced Airborne Data Loader (eADL) greatly simplifies the distribution, onboard storage and management of loadable software applications and databases across an airline's operation, by facilitating data transfer between ground-based computers and onboard avionics equipment.

Automated Electronic Distribution

Using Teledyne's eADL, operators can reduce data loading time and streamline processes by eliminating the need to reproduce, distribute and load countless floppy disks monthly. In a single action, Software Parts can be quickly uploaded to the eADL with a single USB memory stick, alleviating repetitive manual methods. The distribution process can be automated even further with Teledyne's Wireless GroundLink® Data Loading (WGL-Dataloading™) system. The latter wirelessly transmits Software Parts directly from the LoadStar® Server Enterprise (LSE) ground system to the eADL internal mass memory. It also returns loader activity information and data downloaded from aircraft equipment to the ground.

Convenient Onboard Data Storage

Another benefit of Teledyne's eADL is its internal mass memory, which provides ample storage space onboard the aircraft to retain all required aircraft Software Parts, including applications and databases. This not only alleviates searching for software disks during line operations, but it also allows the entire contents of the aircraft's software binder or data vault to be carried and stored electronically on every aircraft, facilitating LRU replacements and reloading at any location.

Superior User Experience

Selecting desired Software Parts, initiating loads, and monitoring the load progress is easy with the eADL's user interface, which features a 3.8-inch color LCD display, 4 backlit line-select keys and 3 status indicators. End-systems that currently require multi-disk loads can now be loaded in one single action, eliminating time-out issues and reducing overall data loading times.

Easy Installation

The eADL is a plug-and-play drop-in replacement for existing ARINC 615-3 onboard data loaders and for the Airbus MDDU. It does not require modification to the existing aircraft provisions. The eADL has EASA and FAA approval for Stand-alone and End-to-End installations.

Key Benefits and Features

- Multi-disk loads achieved in one single action
- Easier distribution of software and databases across the fleet improves efficiency and reduces costs
- Internal mass memory storage provides onboard retention of a user-configurable library of aircraft Software Parts
- Data can be transferred from ground to eADL internal mass memory storage automatically, using Teledyne's WGL-Dataloading™ system or manually by USB memory stick created with eADL Connect
- User friendly 3.8-inch color LCD display
- No aircraft wiring changes – supports existing ARINC 615 ADL and Airbus MDDU provisions
- Upgradeable to ARINC 615A data loading via software upload
- Two models available:
 - Floppy disk drive and USB model (ADL replacement)
 - Compact USB model (same size as MDDU)

