



## Firmware Release Notes

### StopWatch ADR Firmware v1.3.5

Peek is pleased to announce the release of the Version 1.3.5-AS firmware for the StopWatch ADR. The StopWatch ADR firmware release is based on the ADR Plus v5.3 firmware and includes all of the same benefits and enhancements.

**Product** ..... **Firmware for the StopWatch ADR**  
**Version** ..... **Version 1.3.5-AS (American/Spanish version)**  
**Release Date** ..... **June 13<sup>th</sup>, 2003**

#### Product Compatibility

This firmware upgrade is compatible with all ADR-1000 Plus, ADR-2000 Plus, and ADR-3000 Plus automatic data recorders. It will not work with the older ADR units (i.e. the “non-Plus” devices.) Version 1.3.5-AS is the American English version of the StopWatch firmware. Please note that this update is not typically performed as a field upgrade, but is usually installed during manufacturing or during factory repair work.

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This product is compatible with TOPS™, Peek’s Windows-based ADR data retrieval software. This firmware requires version 3.0.0 or higher of the TOPS software. The Version 1.3.5-AS StopWatch firmware is also compatible with version 1.0 and higher of Peek Traffic’s **Z-Link** data retrieval software for the Palm™ OS.

#### Protocol Support

This version of the firmware supports three Peek protocols: ADR, StopWatch, and StopWatch Plus. It can be used with software packages that are compatible with any of these three protocols.

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## Upgrading to StopWatch from Basic ADR

To upgrade an ADR unit in the field to StopWatch via a direct connection, you will need the following items:

- Notebook or portable PC with Peek's ADR Firmware Upload Utility Program installed
- DB-9 to CPC-8 direct-connect serial cable (Peek p/n 81-321) for the ADR-1000 and ADR-2000  
or  
DB-9 to DB-9 direct-connect serial cable (Peek p/n 81-296A) for the ADR-3000
- the StopWatch v1.3 firmware update file (**V135-AS\_97-509-A.bin**)



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**Note** Some ADR-1000 units may not be upgradeable in the field due to the lack of a motherboard. The inclusion of a motherboard was an optional configuration on some ADR-1000s. Please contact Customer Support for additional guidance on updating such units.

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If you need additional assistance to perform an ADR firmware update, contact the Peek Customer Service Center using the contact information provided on page 3 of this bulletin.

## Additional Guidance

These are some other sources of information on the StopWatch ADR series of Automatic Data Recorders.

### Additional Documentation

The ADR Plus User's Manual (p/n 99-133) is available as an optional component of the StopWatch products. This manual describes the use of the hardware and the software environment of the ADR and StopWatch line of products.

Additional information is also available at the Peek website: <http://www.peekglobal.com/>

### Technical Support

In order to receive customer support on your StopWatch unit, you must register it with Peek. All of these Peek technical support centers are available for consultation, however if you need advanced support concerning the operation and configuration of StopWatch ADR, we recommend that you contact the United States office first.

#### Primary Customer Service Center

##### Automatic Data Recorders

United States Customer Service Center  
2511 Corporate Way  
Palmetto, FL 34221  
toll free in the U.S.: 1.800.245.7660  
tel: 1.941.845.1200  
fax: 1.941.845.1504  
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#### Additional Customer Service Centers:

##### United Kingdom

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