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	<i>TITLE :</i> "		
<i>ACTION</i>	<i>NAME</i>	<i>DATE</i>	<i>SIGNATURE</i>
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**REVISION HISTORY**

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# Chapter 1

"

## 1.1 Contents

Orpsw 2.0  
evaluation version

Copyright  
Requirements  
Features  
Installation  
Passwords  
Hints And Tips  
Example Startup  
Registration

## 1.2 copyright

Copyright:  
Orpsw © 1995-97 Orhan Dagistanli.  
All rights reserved.

Warranty:  
This software is provided "as-is" and subject to change without notice; no warranties are made. All use is at your own risk. No liability or responsibility is assumed.

Shareware:  
Evaluation version may be freely redistributed but completely and unmodified. This archive may not be altered in any way and cannot be used for commercial purposes without the written permission of the author.  
The license of the registered version is per user for non-business home use, and per machine for companies.

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## 1.3 requirements

Requirements:

A hard disk, A1200/A4000

Tested at these systems:

A1200, Kickstart 3.0, 2.5" Toshiba hard disk,  
IBM PS/VP VGA monitor

## 1.4 features

### Features

- Prevents floppy drive clicks and sets retry count 1.
- You can use '\*' instead of AmigaDos wildcard chars '#?'.  
Important: If you use '\*' alone it means the default window, so that things change a little. Because of that you are advised to use double stars. For example use 'LIST \*\*' instead of 'LIST \*'. 'Copy console: file' command writes the informatin taken from console to the specified file. For eof press ctrl-backslash.
- Activates the front screen automatically.
- BootMenu & alert screens moved to VGA mode.
- Display monitor does not flash at reset.
- Handles keyboard reset. Reset will suspend for disk activity to finish.
- Hard disk will automatically power off when not used 3 minutes. Also disk heads will parked. At next use, power turns on automatically.
- Puts a password to hard disk to protect the Dos environment. If you want to access the hard disk using Dos, you have to enter the password.
- Provides keyboard driven menu session.

Keys	Functions
Right Alt	Begin or end menu session.
Return/Enter	Select item.
Up/Down	Scan items.
Left/Right	Scan menus or exit from sub menu.

New menu checkmark cannot displayed correctly if menu background color is not 2 and menu may not be activated if screen is not autoscroll. If IDCMP\_MENUVERIFY was used for the window, Orpsw blocks the user input and waits the menu activation. After 7 seconds it cancels the blocking or you can re-press the menu key to exit.

- Resident CLI commands created by Orpsw:

Command: PswScr  
 Purpose: Redisplays the last deadend-alert message for the VGA mode and asks password. Does nothing under Run command or non Startup-Sequence environments or if Workbench is open or if executed more than one. Returns 1 for the first password and 5 for the second password. Password screen comes once after power on reset.

Command: Reset PSWSCR/S,CLEAR/S  
 Purpose: Initiates the system-reset. Also this can be done from Workbench's tools menu.

Arguments: PSWSCR Password screen comes after reset, if the PswScr command exist in Startup-Sequence.  
 CLEAR ExecBase structure and 2MB chip memory will be cleared before reset.

Command: ProtectHD  
 Purpose: Makes the hard disk read-only.

Command: PoweroffHD  
 Purpose: Ensures 4 seconds passed from last I/O. Parks the hard disk heads, turns off the hard disk power. Another way is ctrl+dead key near the return key to power off. This key does not work at password screen. I'm sorry if you have not this key..

I think short on/off periods may reduce hard disk life. Due this reason, dont use this command except to test.

Command: Shutdown  
 Purpose: Ensures 4 seconds passed from last I/O. Parks the hard disk heads, turns off the hard disk power, resets and locks the system. Use this command before to power off the Amiga.

## 1.5 installation

### Installation

Execute HDToolBox. Dont forget to note the old partition info to not to have a risk of destroying data. Change all

identifiers to 0x444F5308. Then pass to 'Add/Update...'.  
Load Orpsw as a file system. Change its DosType like above.  
Save the changes.

Insert the PswScr command under IPrefs in the Startup-Sequence files of all bootable partitions. See the example.

To remove Orpsw, delete the file system that you have changed its DosType like above and set the identifiers of the partitions to FastFileSystem.

## 1.6 passwords

### Passwords

There are two passwords. The first is AAAAAAAAA and second is BBBBBBBBB. You can check which password is entered from Startup-Sequence and control them.

You can change the passwords via CLI arguments. In this case Orpsw updates itself or does nothing. Passwords are 8 chars max and case-insensitive. Filesystem reinstalling is required.

Non FFS partitions not supported. But they may be mounted in the Startup-Sequence files to protect them.

Commands in the password screen:

```
Command:  Reset
Purpose:  Resets the system.

Command:  BootMenu
Purpose:  Boot menu comes in VGA mode.

Command:  BootFloppy
Purpose:  Boot picture comes.
```

## 1.7 hints and tips

### Hints And Tips

- Orpsw creates alert code \$80000007 for its errors.  
If you see this alert code at boot, remove Orpsw.
- If your partition doesn't startup because of a reason or seems like it isn't mounted, load HDToolBox & change the identifiers to FFS. Be sure that nothing happens to your Dos informations so forget the format command.
- Orpsw/BootMenu/alert screens use default monitor id like Db1PAL. Orpsw is xy, alert is x centered.

- Hard disk functions work for just unit 0.

## 1.8 example startup

### Example Startup

```
SetPatch quiet
Failat 999

MakeDir RAM:ENV RAM:T
Assign ENV:      RAM:ENV
Assign T:        RAM:T

Sys:Monitors/VGAOnly
Sys:Monitors/DblPAL
Copy ENVARC: ENV: all quiet
IPrefs
PswScr

;--- if second password entered ---
IF WARN
ProtectHD
AddBuffers >nil: DH0: -90
AddBuffers >nil: DH1: -90
Assign >nil: DH0: dismount remove
Assign >nil: RAM: dismount remove
LoadWB cleanup delay
Avail >nil: flush
endcli
endif

;--- if first password entered ---
.
.
.
```

## 1.9 registration

### Registration

The price of registered version is US\$30. Send the payment and email the following lines (do not send mail).

```
Name:
Address:
Email address:
Amiga system (type, boards, etc.):
```

```
Payment types:  Postal money order
                 International bank check
                 (do not send personal or euro-check)
```



The check or money order must be made payable to:

Name: Orhan Dagistanli

Address: Alpaslan sk 2/4 Balcova Izmir TURKIYE

After the transfer has arrived i will reply to you my ftp address and its password (via email). You will find the registered version on it. Also when i will releas a new version i will put it and inform to you.

Email: [prohst03@vm.ege.edu.tr](mailto:prohst03@vm.ege.edu.tr) (OR)