



**TRANSPONDER HDD
2.5" USB 2.0 SATA ENCRYPTED STORAGE**



USER MANUAL
HXDU2RFID

www.hamletcom.com

Dear Customer,

thanks for choosing an Hamlet product. Please carefully follow the instructions for its use and maintenance and, once this item has run its life span, we kindly ask You to dispose of it in an environmentally friendly way, by putting it in the separate bins for electrical/electronic waste, or to bring it back to your retailer who will collect it for free.



WEEE Information (for European Union member users)

According to the WEEE (Waste Electrical and Electronic Equipment) Directive, do not dispose of this product as household waste or commercial waste. Waste electrical and electronic equipment should be appropriately collected and recycled as required by practices established for your country. For information on recycling of this product, please contact your local authorities, your household waste disposal service or the shop where you purchased the product.

We inform You this product is manufactured with materials and components in compliance with RoHS Directive 2002/95/CE, 2002/96/CE, 2003/108/CE; with WEEE Directive 2003/96/CE, Italian Legislative Decree 2005/151 and EMC Directive 2004/108/EC for the following standards:

EN 55022: 2006

EN 55024: 1998 + A1: 2001 + A2: 2003



The **complete CE declaration of conformity** of the product can be obtained by contacting Hamlet at info@hamletcom.com specifying the product code and the documentation.

The information on the importer for your country are available in the "About Us" section of the Hamlet website at www.hamletcom.com.

About this manual

This manual is for information only and may change without notice. Although this document has been compiled with accuracy, Hamlet assumes no responsibility for any errors or omissions and use of information contained in it. Hamlet reserves the right to modify or update the product and the manual without reservation and without notice.

Trademarks

All trademarks and company names mentioned in this manual are used for description purpose only and remain property of their respective owners.

Safety Instructions

Always read the safety instructions carefully.

- Keep this User's Manual for future reference
- Keep this equipment away from humidity

If any of the following situations arises, get the equipment checked by a service technician.

- The equipment has been exposed to moisture.
- The equipment has been dropped and damaged.
- The equipment has obvious sign of breakage.
- The equipment has not been working well or you cannot get it to work according to the User's Manual.

Important information

Any loss, corruption or destruction of data while using a Hamlet drive is the sole responsibility of the user, and under no circumstances will Hamlet be held liable for the recovery or restoration of this data. To help prevent the loss of your data, it is highly recommended that you keep TWO copies of your data; one copy on your external hard drive, for instance, and a second copy either on your internal hard drive, another external hard drive or some other form of removable storage media.

1. Introduction

The Transponder HDD is a 2.5" external Hard Drive enclosure with RFID encryption technology. This device has a unique encryption function for ensuring high security to your files and supporting 2.5" high capability SATA hard drive. It connects to the PC via USB 2.0 high-speed interface which enables data transfer with maximum compatibility and stability.

Features

- RFID hard drive encryption with two RFID sensor keys
- No additional software installation needed for accessing data
- Supports 2.5" SATA hard disk drive
- Plug and Play & Hot-swappable connection
- Supports USB 2.0 transfer rate (480Mbits)

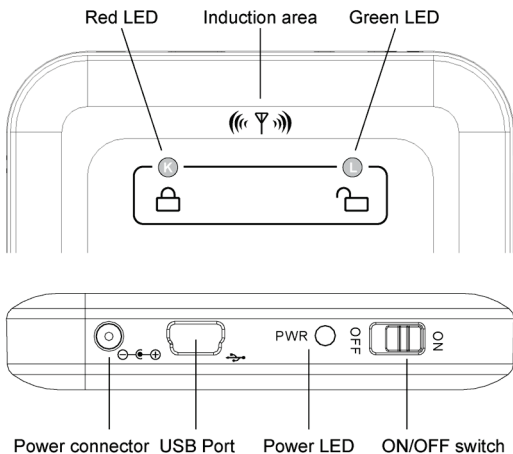
Package Contents

- USB 2.0 RFID HDD enclosure
- 2x RFID induction key
- USB 2.0 cable
- User manual

System Requirements

- Windows 2000/XP/Vista™/7
- Mac OS 9.x (Apple USB support 1.3.5 and greater) and Mac OS X (10.1 and above)
- Standard USB port (USB 2.0 recommended for maximum performance)
- 32MB RAM or above

Front and side panel



LED	Appearance	Description
Red	Flashing fast	Waiting for authentication of the first RFID key
	Flashing slowly	Induction error
	ON (fixed)	Encrypted HDD
Green	Flashing	Waiting for authentication of the second RFID key
	ON (fixed)	HDD unencrypted and ready to use

2. Hardware installation

1. Remove the top cover of the enclosure.
2. Connect the 2.5" SATA hard drive carefully to the SATA connector of the enclosure.
3. Put the top cover back to the case and fix it with the screws.
4. The hardware installation is complete.

3. Using the device

3.1 Setup Hard Drive encryption

Before setup the hard drive encryption, all the existing partition should be deleted. Please backup all the files in the hard drive before setup.

The operations described in the following steps refer to the Windows operating system.

Delete partitions

1. To delete all partitions right-click on **My Computer** icon and select the **Manage** option.
2. When the "Computer Management" screen opens, click on the **Disk Management** option under the **Storage** category.
3. Right-click on the partition you would like to delete and choose the **Delete Partition** option.
4. After all deletions are completed, please turn off and disconnect the device from computer.

Setup RFID induction keys

1. Please connect the Hamlet Transponder HDD to the computer with the included USB cable; the system will detect the RFID device automatically.
2. The drive will give off three-short and one-long beep sounds and the Red LED (K) indicator will flash. The device is now ready for setup encryption.

3. Take out one of the RFID key and pass it close to the induction area of the enclosure. A beep sound will be given off and the Green LED (L) indicator will start flashing when the RFID key works.
4. Now take out the other RFID key and repeat the previous operation within three minutes.
5. If the setup process is completed successfully, the Green LED (L) on the case lights up (fixed).

NOTE: The RFID external drive will be back in waiting mode if the second RFID key can not be sensed in three minutes. Please repeat the procedure with the RFID keys all over again if you did not complete the setup.

Establish partitions

1. Once the device is connected and the computer has detected the hard disk installation, click **My Computer** icon and select the **Manage** option.
2. When the “Computer Management” screen opens, click on the **Disk Management** option under the **Storage** category.
3. Right-click an unallocated region on your hard disk, then select **New partition**.
4. The “New Partition Wizard” will start.
5. Select Primary Partition, then click **Next**.
6. Type the size of the volume you want to create in megabytes (MB) or accept the maximum default size, and then click **Next**.
7. Select “Assign the following drive letter.” then click **Next**.
8. In the “Format Partition” dialog box, do one of the following:
 - If you don't want to format the volume right now, click **Do not format this volume**, and then click **Next**.
 - To format the volume with the default settings (NTFS), click **Next**.
9. After your drive has completed formatting, it will say that you are finished. Click **Finish**.
10. Once the formatting procedure is completed, the drive will show up under “My computer” as another hard drive.

3.2 Decrypt

Once you set the encryption on the device, you must unlock the hard disk using one of the RFID key included to display and transfer your data, as shown in the following steps.

1. Connect the encrypted external drive to the computer.
2. The external drive will give off one short beep sound and the Red light (K) will be switched on.
3. Take out one of the RFID key and close it to the induction area. Two short beep sounds will be given off and the Green indicator (L) will switch on. If only one long sound will be given off, the decryption failed. Please try another RFID key.
4. The external drive will be ready to work after the system recognize it.

3.3 Remove the encryption

1. Please backup the data in the hard drive and connect it to the computer (with any other external enclosure).
2. After the system recognizes the hard drive, setup the partition again.

WARNING: If both keys are lost when the drive is in **encrypted** mode your data will not be recoverable.

3.4 Remove the device

1. Before disconnecting the device, use the RFID key and close it to the induction area to encrypt the hard drive.
2. The external drive will give off a one-short beep sound. The Green LED (L) will disappear and the Red LED will lights up indicating that the device is encrypted and ready to remove.
3. Now you can turn off the enclosure and disconnect it from the computer.

4. Questions & Answers

What's the difference between plugging one and two USB connectors while using the USB double-headed Y type cable?

For an external USB device, such as a hard drive, we provide a double-headed (Y type) USB cable to ensure the drive can obtain enough power for operation. Basically with our 2.5" external enclosure products, you need to plug only one USB connector (the first one with main cable).

Some computers don't provide enough USB power, or some hard drive with high rotation speed may need more power; in these situations you will need to use both of the connectors.

What if I lost the RFID key?

There are two RFID keys enclosed in the package. If you lost one of them, you can still use another one to decrypt the HXDU2RFID external disk as long as you have setup the encryption; but you cannot setup the encryption on a new hard drive.

IMPORTANT NOTE

The two keys are unique with your HXDU2RFID external enclosure. If you lost both of them, **your data will be locked in the hard drive and will be unable to access it**. Please backup data immediately if you lost one key.

How to access the encrypted hard drive if the external enclosure is broken?

You have to buy a new HXDU2RFID external enclosure, install the encrypted hard drive into the new enclosure and setup the encryption with the two original RFID keys again.

The external disk is ready to work when the green LED lights up.

5. Specifications

- High Speed USB 2.0 interface up to 480Mbps
- Compatible with USB 1.1
- Supports 2.5" SATA Hard Disk Drives
- Compatible with SATA 1 and SATA 2 hard disk interface
- Two RFID induction cards included
- RFID induction card (TAG) EM4100/EM4102/T5557 compatible
- RFID Frequency 125KHz \pm 6%
- AES 128 Bit encryption
- RFID Induction distance 5 ~ 10 mm
- Operating voltage: 5V
- Weight: 66g (without HDD)
- Dimensions: 13.2 (L) \times 7.9 (W) \times 1.2 (H) cm
- Supports Windows® 2000/XP/Vista/7, Mac OS 9/X

Specifications and appearance are subject to change without notice.