



DM&P Group



# **eBox-2300SX-NWP User's Manual**

**DMP ELECTRONICS INC.**



## eBox-2300SX-NWP User's Manual

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● **OWNER'S RECORD**

The serial number of this product is located at the rear panel of your eBox-2300SX-NWP. Refer to the model and serial number when you contact your nearest dealer or DMP offices for services. The Model No. of this product is also indicated on the product label of your gift box as: eBox-2300SX-NWP.



**SAFETY INFORMATION**

**WARNING**

- ▶ Do not expose eBox-2300SX-NWP to rain or moisture, in order to prevent shock and fire hazard.
- ▶ Never install eBox-2300SX-NWP in wet locations.
- ▶ Do not open the cabinet to avoid electrical shock. Refer to your nearest dealer for qualified personnel servicing.
- ▶ Never touch un-insulated terminals or wire unless your power adaptor and display monitor are disconnected.
- ▶ Locate eBox-2300SX-NWP as close as possible to the socket outline for easy access and to avoid force caused by entangling of your arms with surrounding cables from the eBox-2300SX-NWP.
- ▶ When using eBox-2300SX-NWP, avoid using or installing the modem to the serial port during a storm or a lightning.
- ▶ Do not use the modem or a telephone to report a gas leak in the vicinity of the leak.
- ▶ USB connectors are not supplied with Limited Power Sources.

**DO NOT ATTEMPT TO OPEN OR TO DISASSEMBLE THE CHASSIS (ENCASING) OF THIS PRODUCT. PLEASE CONTACT YOUR NEAREST DEALER FOR SERVICING FROM QUALIFIED TECHNICIAN.**



### REGULATORY

#### **FCC CLASS A NOTE**

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference in which case the user will be required to correct the interference at his own expense. Testing was done with shielded cables. Therefore, in order to comply with the FCC regulations, you must use shielded cables with your installation.

#### **WARNING**

This product complies with EN55022 class A. In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.

Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This digital apparatus does not exceed the Class A limits for radio noise emissions from digital apparatus as set out in the interference - causing equipment standard entitled "Digital Apparatus", ICES-003 of the Department of Communications.

#### **MANUFACTURER'S DECLARATION OF CONFORMITY**

This equipment has been tested and found to comply with the requirements of European Community Council Directives 89/336/EEC and 73/23/EEC relating to electromagnetic compatibility and product safety respectively.

#### **ATTENTION**

This product has been designed and certified to comply with certain regulatory requirements pertaining to Information Technology Equipment. This product has not been designed for use as a medical device. Without limitation of the foregoing, this product is not intended and has not been certified for use in a hospital or clinical environment to diagnose, treat, or monitor patients under medical supervision, and is not intended and has not been certified to make physical or electrical contact with patients, nor to transfer energy to or from patients and/or to detect such energy transfer to or from patients.



**PURCHASE AGREEMENT**

**PURPOSE:**

In accordance to the general commercial conduct of Trust and Fair Trade, herewith below is the agreement for the protection for both parties, DMP and Users in pursuant of trading.

**PRODUCT DESCRIPTION:**

With this product, herewith also known as eBox-2300SX-NWP, which is a simplified & an economical design of an embedded device. The basic specification of this product comprises of the x86 technology design, and with onboard 128MB System memory, VGA Display, USB, PS2 Keyboard, PS2 Mouse, and LAN Interfaces.

**DISTRIBUTION CONVENTION:**

1. This Product includes a gift box, an inner case, PC, and Power adaptor. Upon receiving this product, kindly please refer to the User' Manual to check for the contents and appearance of this product; Immediately contact your nearest dealer or DMP office for any defective or missing parts. The supplier will not be responsible for any reported discrepancy thereafter the expiration period of 3-days from the date of purchase.
2. In consideration of transportation and the cost of storage, the supplier provides to the distributors a warranty of 12-months. This warranty covers the failure caused by hardware breakdown (excluding hard drives), but does not cover the act of misuse and mishandling.
3. The supplier will not accept unknown post. Therefore, if you wish to repair or to return your goods, kindly please contact your nearest dealer to make your declaration; and at the same time, apply for a RMA (Return Merchandise Authorization) number.
4. The freight for return goods for repair will follow the International customary practice and convention: Both parties are to pay for freight of one shipment each. The shipper is required to prepay the freight from the place of origin (This means that the returnee (user) covers the freight for return goods, while the Supplier covers the freight for goods after the repair).
5. Obsolete warranty is referred to as: (1) Expiration of warranty or (2) Damage due to misuse within warranty. The Supplier will be taken into consideration of the circumstances, to provide repair service with charges expense for obsolete warranty. This expense includes the cost of material and the cost of labor.



**NOTE:**

If there is other particular issue not listed in the above conditions, both parties agreed to follow the General Law of Commerce with fair and reasonable discussion in handling and resolving the argument.

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## **Chapter 1. Product Package**

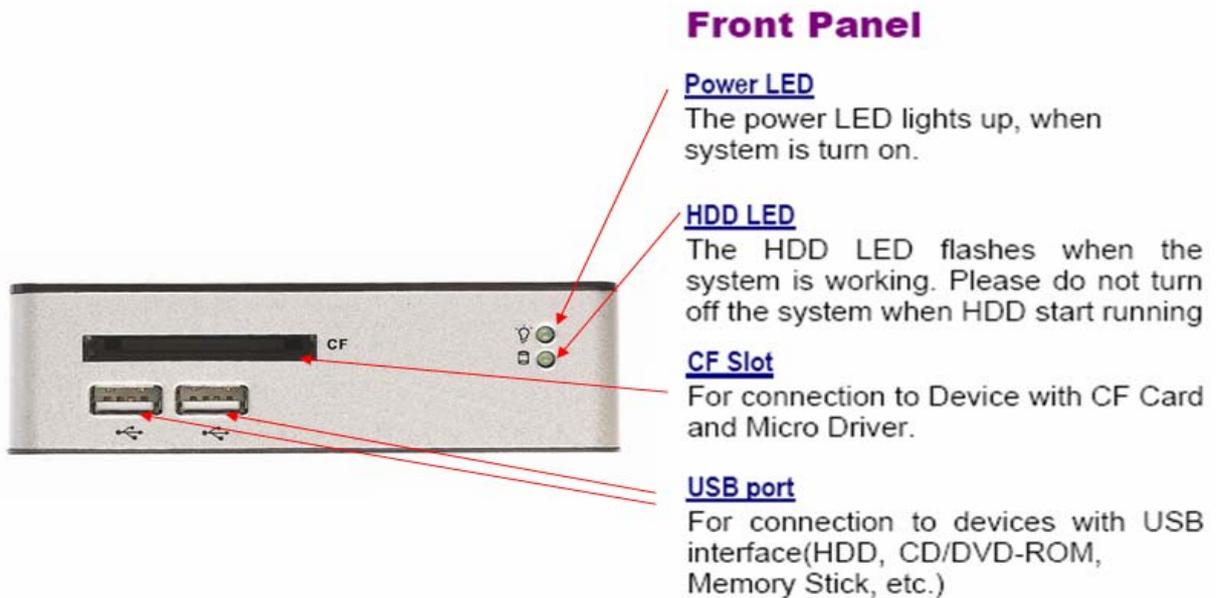
1. eBox-2300SX-NWP x 1 ◦
2. Power-15W-3pin x 1 ◦
3. Wireless Antenna x 1 (optional) ◦





## 1.1 Unpack and I/O Connecting

### Overview Of eBox-2300SX-NWP





## Chapter 1.2

### PERIPHERALS

#### CONNECTING THE POWER ADAPTOR



#### Power Adaptor

Connect the DC power jack of the power adaptor to the DC input jack of eBox-2300SX-NWP.



#### Turning ON eBox-2300SX-NWP

Switch on power as indicated on the figure on your left-side, the system will start automatically.

#### CONNECTING THE MONITOR



#### VGA Connection

Depending on your choice of viewing, select a conventional CRT or the LCD VGA monitor.

Make your connection by following the reference diagram from the VGA cable of your cable to the 15-pin D-Sub VGA port

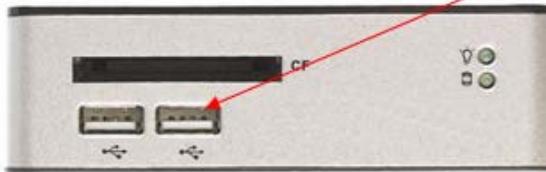


## CONNECTING THE USB

eBox-2300SX-NWP provides USB ports (Two in front & one at the back).

### USB Ports

The second USB port is available for connection to USB devices.



## CONNECTING LAN

### Connecting to LAN

There is an available RJ-45 LAN jack for connection to the hub of your intranet; and via your server for internet service (see diagram for RJ-45 LAN jack).



## Chapter 2. Booting Up the system

### 2.1 Boot-up Screen

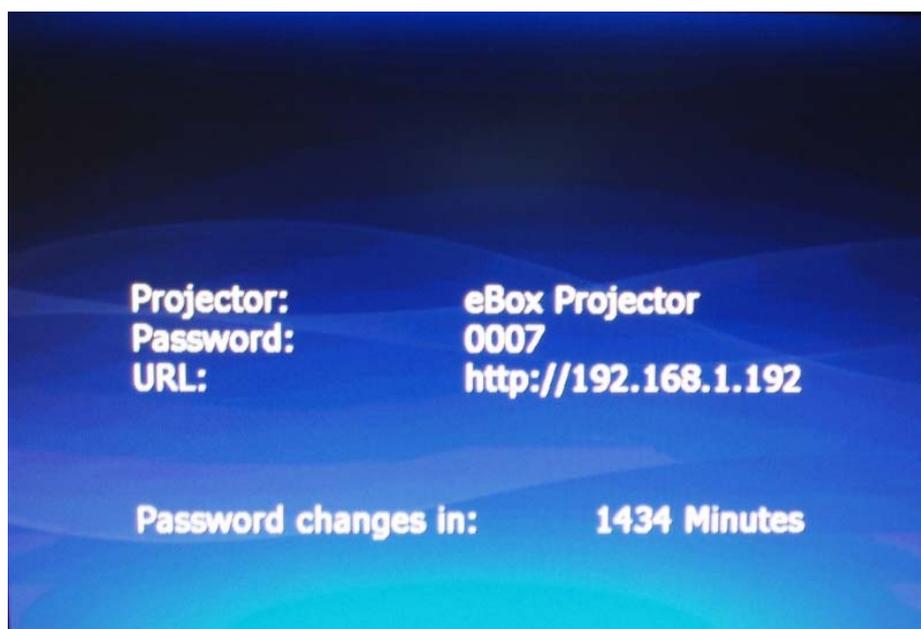
When you first power on the system, you are welcomed by the boot-up screen with running system bar on the bottom which indicate the loading status as shown on figure (2.1):



(2.1)

## 2.2 The Stand-By Mode

If the LAN cable is connected to your system, An IP address for your system will be automatically obtained from your DHCP server. No additional configuration is necessary and the system is ready to be connected remotely for servicing. Your screen should look similar as below (figure 2-2):



(2-2)



## Chapter 3 Setup mode

### 3.1 Enter the Setup mode

Press <F3> key anytime will bring you to the Network Settings setup mode. You will be able to choose from Wired or Wireless connection on this screen shown as below (figure 3-1)



(3-1)

**3.1.1 Wired:** This mode is the default setting. Press the <Enter> key to choose this option if you wish to connected by LAN cable.

An IP address will be obtained automatically from the DHCP Server If your system is connected by LAN cable. No additional configuration is needed. Your system will be ready in Stand By mode and can be connected remotely for servicing. Or you may manually enter the IP address by entering this option.



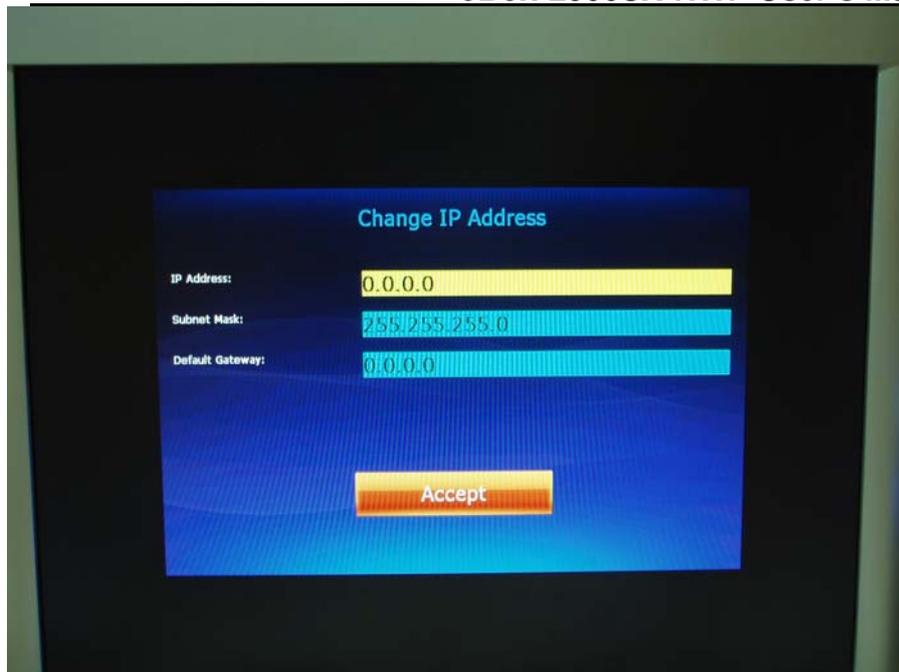
### 3.1.2 Manual IP setup:

After you have chosen “**Wired**” Tab, use the arrow key to move to **Change Settings** option (see figure 3.1.2), then press <Enter>.



(figure 3.1.2)

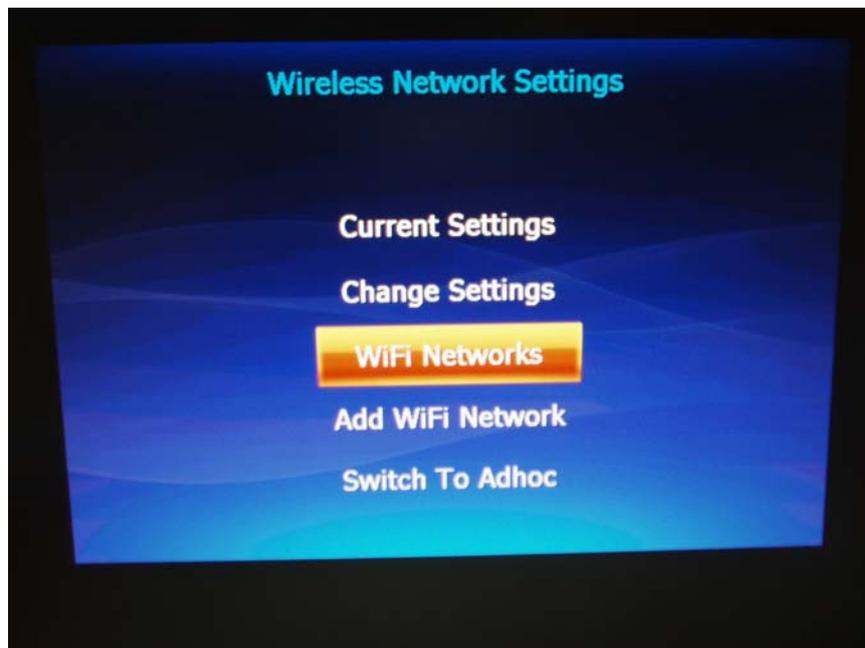
When you see a screen of Change IP Address as shown below (figure 3.1.3), use the arrow key to move between different section of IP Address, Subnet Mask, or Default Gateway and hit <Enter> as you want to change these option. When you have finished editing, move to Tab marked “Accept” and press <Enter> again as to Accept these changes.



(figure 3.1.3)

**3.1.4 Wireless:** This option enable you to choose the Wireless connection.  
Use the arrow key to move your selection to "Wireless" and press <Enter>.

After choosing this Wireless mode, move the arrow key to the WiFi Networks option, and press <Enter> as shown below (figure 3.1.4)



(figure 3.1.4)



If Wireless Access Point (AP) is detected (**e.g 3Com**) as shown on (figure 3.1.5) below, you may move the arrow key to choose from available AP by pressing <Enter>.



(figure 3.1.5)

### 3.1.6 WiFi Network Connect

**Use Automatic:** Uncheck this box (if it is checked) by press the <Space> key

Move the arrow key to choose **Connect** and press <Enter> to use this detected Wireless Access Point as illustrated on (figure 3.1.6)



(figure 3.1.6)

### 3.1.7 Network Key

When a screen of Network Key pop-up as (figure 3.1.7) shown below, you will be asking to provide the Network Authentication key for security reason. Fill in the blank space with your Network Key and choose <OK>. Please consult with your network system administrator if you need assist on this.



(figure 3.1.7)

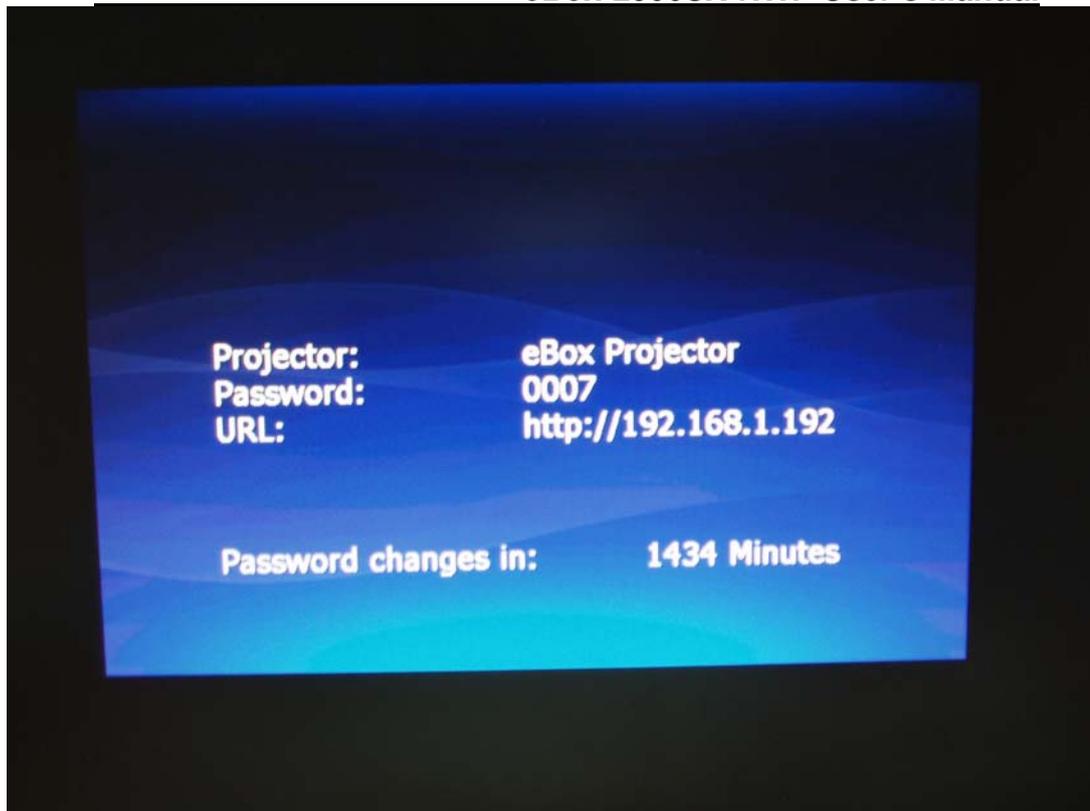


As figure (3.1.8) illustrated, after you have provided the Network key, the system will try to connect and negotiated with available Wireless Access Point. If the information you key-in is correct, the system will be indicated as ready for service by the "Status" showing (e.g Connected to 3Com ).



**(figure 3.1.8)**

Congradulation! You have finished all the steps to complete setting up the Wireless connection. Press <Esc> several times to leave the setup mode and bring the system back to "Stand By" mode as shown in figure (3.1.9)



(figure 3.1.9)

## Chapter 4 Using Vista Connection

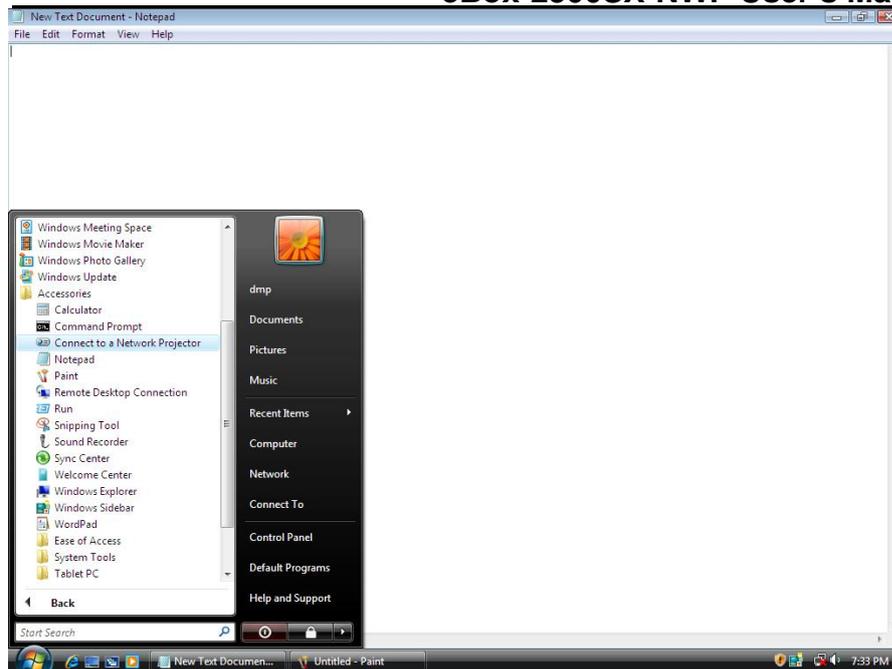
### 4.1 Starting Connection

Using Vista to connect to network projector is simple and easy. The following section will provide detailed descriptions with illustration on how to use your Vista to connect to eBox-2300SX-NWP.

The following are steps to connect from your Vista desktop: Click the “Start” button and choose “**All Programs**”, then choose “**Accessories**”, and Click on “**Connect to a network projector**” as illustrated below (figure 4.1.1).

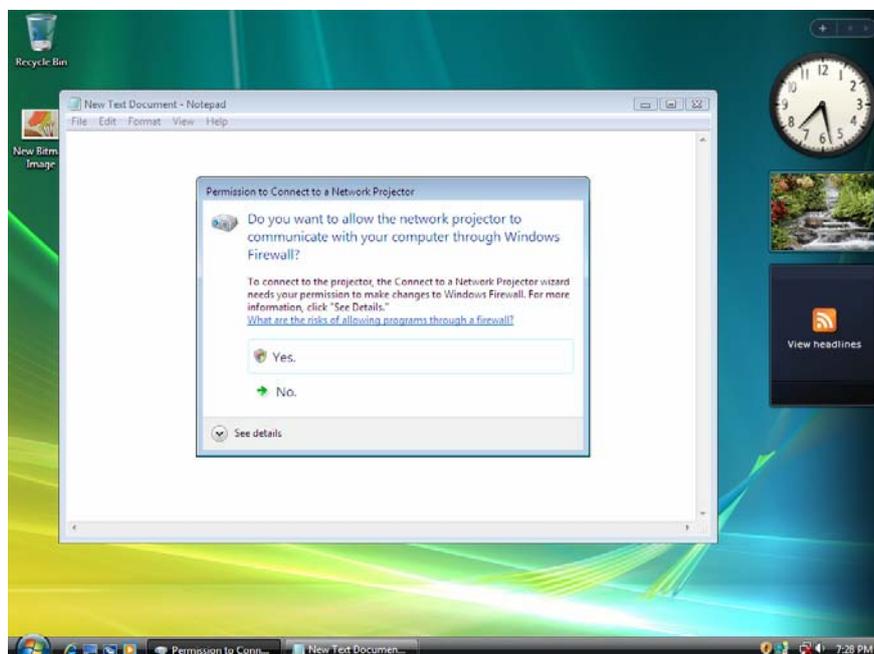


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(figure 4.1.1)

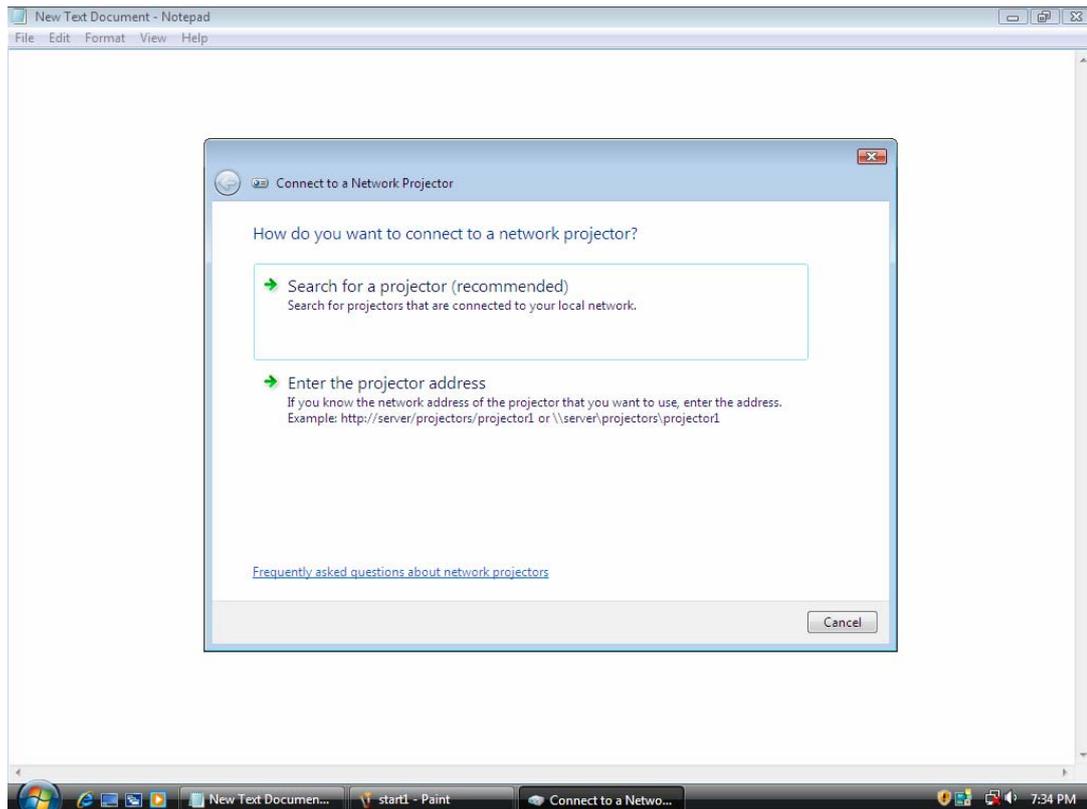
When you are first time trying to use the Network Projector, a screen will pop-up asking for your permission for further access as shown on Figure (4.1.2). Simply click on <Yes> to go ahead to the next step.



( Figure 4.1.2 )



Next, you will be given an option to choose from the way to connect to the network projector as shown below. (Figure 4.1.3)

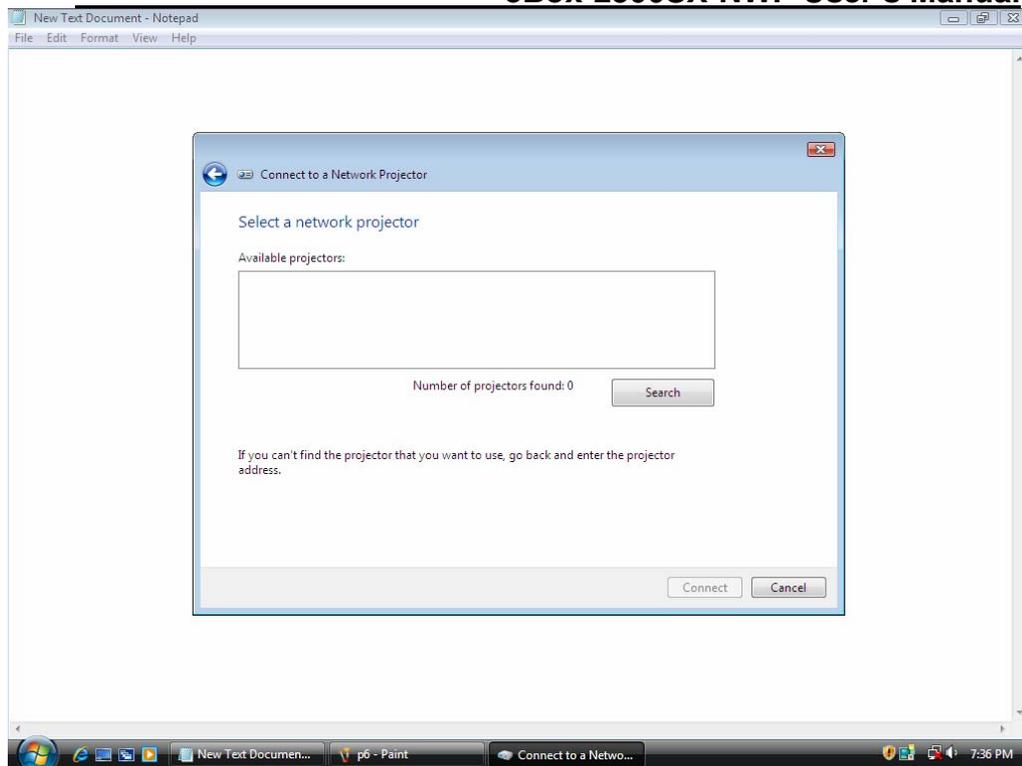


**(Figure 4.1.3)**

**4.1.31 Search for a Projector:** This option is for automatically search for projectors that are connected to your network.

The following screen as Figure (4.1.31) is an example of the number of network projectors found available for use. Choose the network projector you want to use, then click “Connect”.

If the projector cannot be find by search mode, you may go back to last step and choose to manually enter the projector's address.

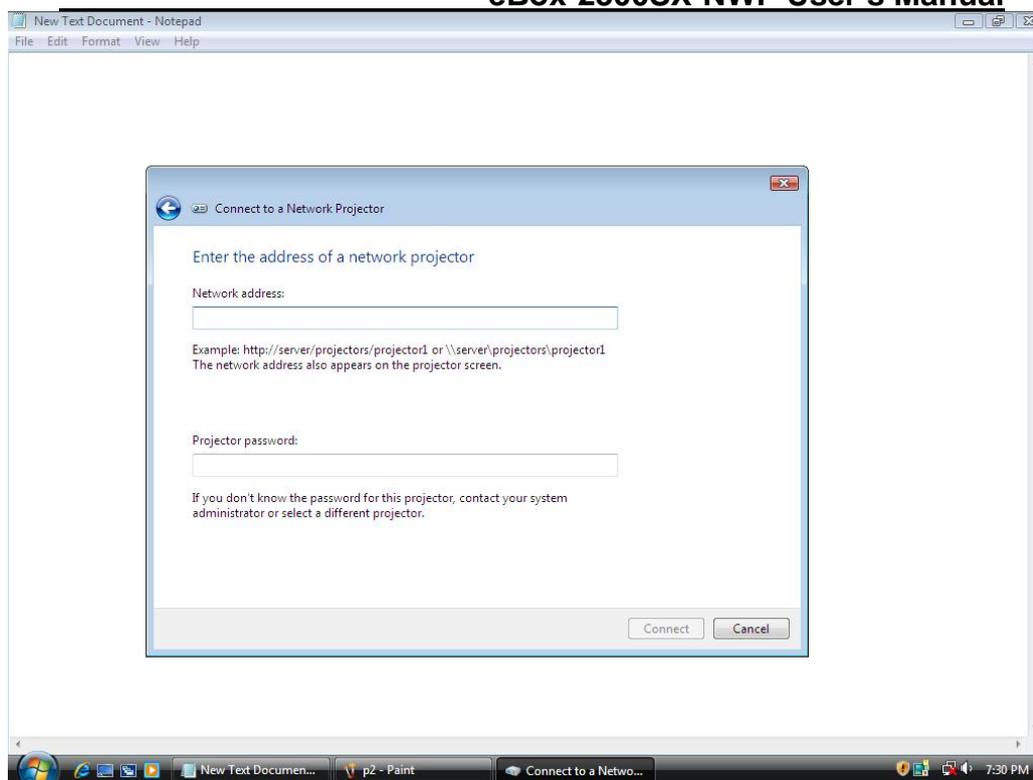


(Figure 4.1.31)

**4.1.32 Enter the projector address:** Choose this option if you know the network address of the projector that you want to use. You will see the following screen as shown (Figure 4.1.32).



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(Figure 4.1.32)

**Network Address:** typing in the network address (For example, <http://192.168.1.192>) that appears on the Stand By mode of the eBox-2300SX-NWP.

**Projector Password:** enter the four-digit Password (e.g 0007) which appears on the Stand By mode of the eBox-2300SX-NWP.

After you have provided the required information correctly for Network address and Password, click on “Connect” and you should be able to connect to the Network Projector.



## **Chapter 5 WARRANTY**

### **TERMS AND CONDITIONS**

#### **Warranty**

The warranty terms for eBox-4300 are twelve (12) months from the beginning on the date of invoice. During the warranty period, DMP Electronics Will repair replace the product covered under this limited warranty.

#### **5.1 Service and Support**

DMP Electronics Inc. provides the technical support for hardware problems with your system throughout the warranty period. The technical support service is limited to configuration and operation of eBox-4300 sold by DMP Electronics Inc. The technical support service does not offer software tutoring or training.

#### **5.2 Return Merchandise Authorization (RMA) policy**

If the DMP staff or dealer determines that a part is defective. Purchaser must call our technical support service to obtain an RMA number before attempting to return any part. Please refer to your nearest dealer for

To obtain an RMA number, Purchaser must follow procedures as below :

1. Complete the DMP Electronics Inc. standard RMA Form and fax back to the RMA Department.
2. The RMA Number must be used within 7 DAYS
3. The RMA Number must be shown clearly on your shipping label.
4. DMP Electronics Inc. must receive all Returns before a replacement will be sent.
5. The repair cost is depends on the parts, the damage reasons, and whether under warranty period...etc. The Seller will charge the Purchaser in a reasonable price.
6. A copy of the invoice for the RMA product(s) will also be shipped to Purchaser.
7. The freight of return to Media Stream Tech. is charges to Purchaser account and accompanied by an RMA number. Any Returns with freight collect will be refused and returned to you. After Repairing, the cost of freight will be paid by Seller.
8. DMP Electronics Inc. must receive all returned goods within the warranty period.

#### **5.3 Shipping Policy**

The Purchaser must pre-pay shipping for any defective system or parts returned under the warranty. DMP Electronics Inc. shall not be liable for risk of loss or damage during shipment of your returned system or parts if you fail to insure the shipment.

All products must be shipped back to DMP Electronics Inc. in original or equivalent packaging. DMP Electronics Inc. will ship the repaired or replacement product(s) to Purchaser by freight prepaid. Purchaser assumes the risk of loss. DMP Electronics Inc. shall not be responsible for failure of the delivery service to make on-time delivery.



## **Chapter 6 Technical Supporting**

Thank you for your supporting. If you have any technical problem using our product, please feel free to contact us:

**Customer Service:** +886-2-2298-0770

DMP Electronics Inc.

**Monday to Friday:** AM 08:30 ~ PM 17:30

**Or E-mail to:** [info@compactpc.com.tw](mailto:info@compactpc.com.tw)

**The website :** <http://www.compactpc.com.tw>

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