Empowered by Innovation NEC

This guide explains the installation, configuration and operation of the XN120 2OPBOX.
Further information will be supplied with any optional equipment that you have purchased.
Please keep all information supplied for future reference.

Regulatory Notice.
Refer to the Getting Started Guide (991409-5) supplied with the XN120 Main Unit for the Declaration of Conformity related to the product.
Warning: This is a class A product. In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.

XN120

2OPBOX Guide
Rev 1.1 February 2005
991419-5

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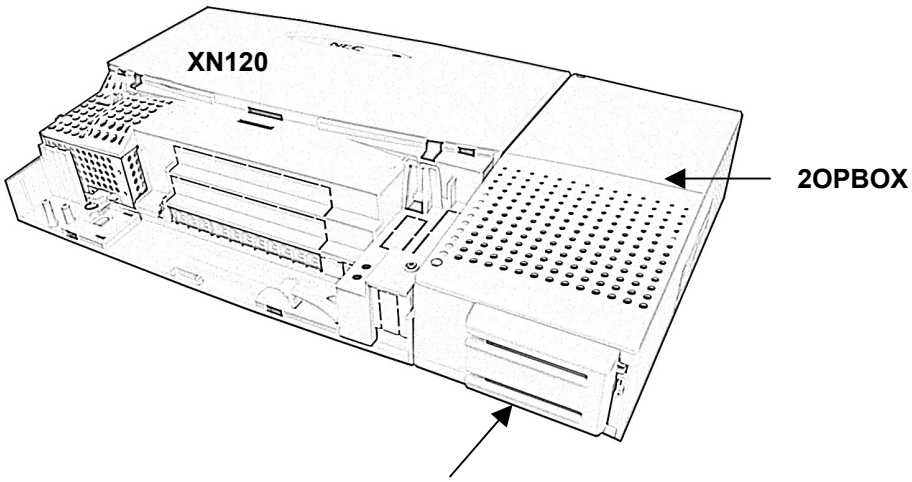
What is the 2OPBOX?

- The 2OPBOX is an optional unit that connects to the side of either a XN120 main unit or expansion unit.
- One box can be connected to each of the XN120 main/expansion units.
- The 2OPBOX provides two universal slots for the installation of Basic Rate ISDN cards or Voice over IP resource cards.



Installation Procedure

1	Unpack the 2OPBOX
2	Fit the 20OPBOX
3	Install the BRI/VoIP cards into the 2OPBOX
4	Power on the XN120
5	Test the 2OPBOX

1- Unpack the 2OPBOX

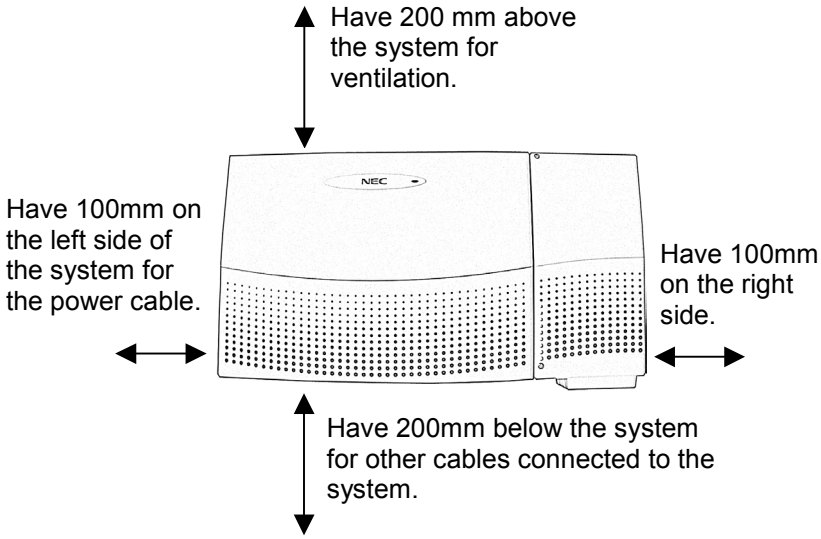
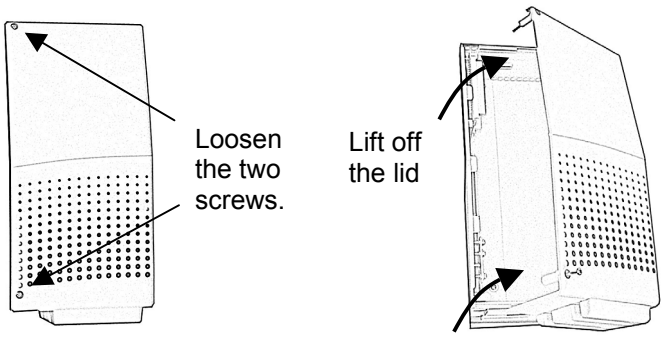
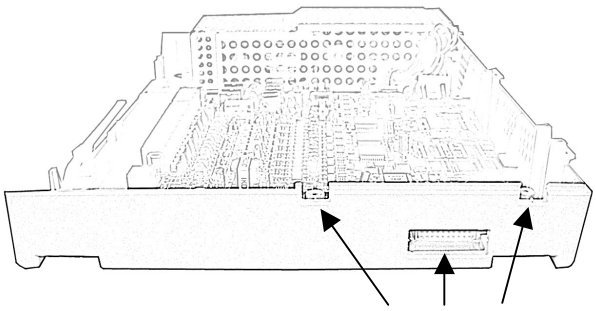
The 2OPBOX is supplied with 6 screws to fix the unit to the XN120 main/expansion cabinet.

Additional Items Required:
Cross head screwdriver.
Small cutters/pliers.

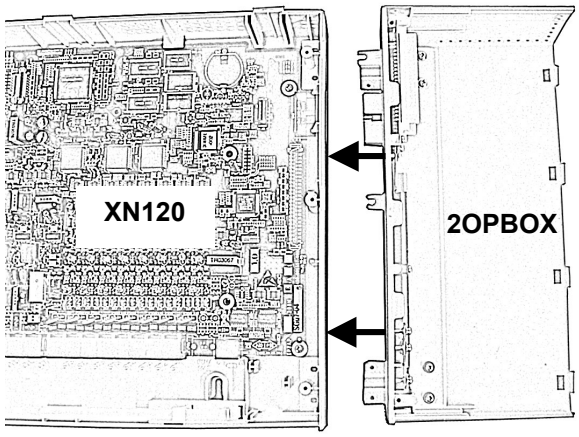
Optional Items
The 2OPBOX can have BRI cards or VoIP cards installed.

2- Fitting the 2OPBOX

***!* You must power off the system before the 2OPBOX is connected onto the XN120 unit.**

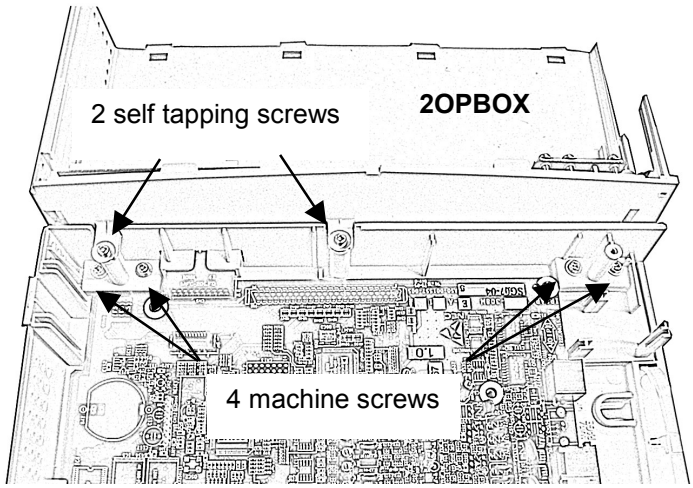
1 You will need a minimum of 690mm x 680mm (W x H) wall space for each XN120 cabinet with the 2OPBOX connected. The XN120 unit with 2OPBOX connected is 490mm x 279mm (W x H) ***!*** You will need more space if you are installing the optional expansion units. Refer to the installation instructions supplied with the unit.	The 2OPBOX does not require fixing to the wall, it is fixed directly to the XN120 unit. 
2 Remove the lid of the 2OPBOX	
3 Power off the XN120.	You must also power off any XN120 expansion units if they are installed.
4 Using a pair of small cutters or pliers carefully remove the 3 breakouts on the right side of the XN120 base unit. You will need to remove the lid of the XN120 first.	 Remove the 3 breakouts on the right side of the XN120 unit

5 Push the 2OPBOX into the connector on the right side of the XN120 cabinet



6 Secure the 2OPBOX using the screws supplied.

There are two screws with self tapping thread and four with a machined thread.

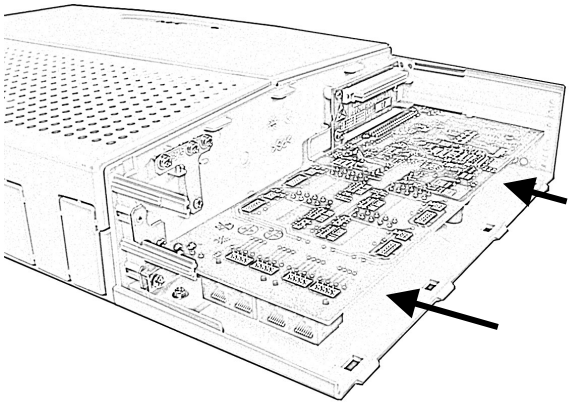


3- Install the Option Cards

1	Install the BRI or VOIP option cards into the 2OPBOX. Refer to the instructions supplied with each card for further details.

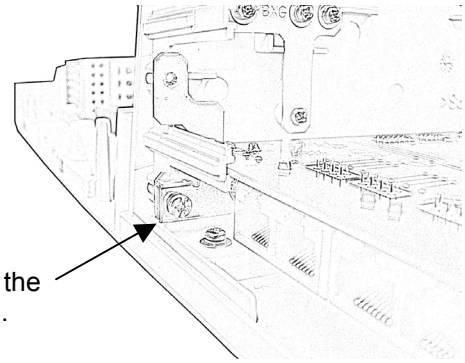
The card can be installed into either slot of the 2OPBOX.

If you are only installing one option card, it is recommended (for logical port configuration) that you fit the card into the slot marked CN1.



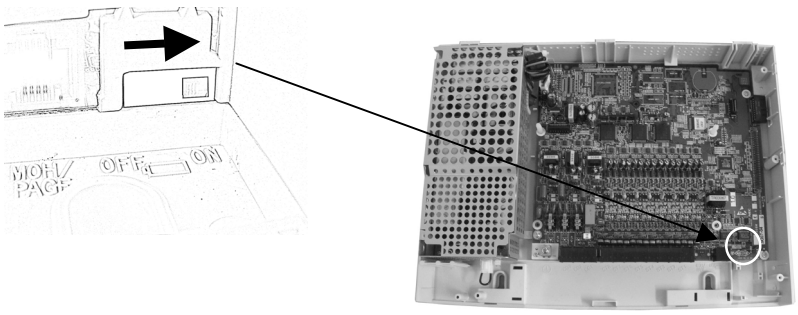
Fit the option card into the guides and push firmly onto the connector.

2	Secure the card to the ETH plate at the front edge of the 2OPBOX.

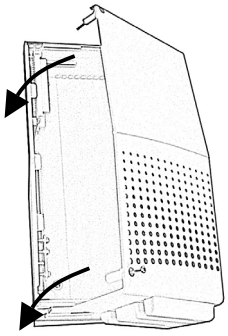
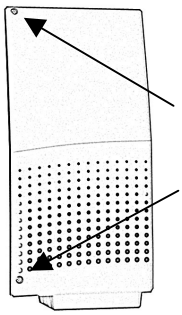


Secure to the ETH plate.

4- Connect the Power & System Start Up

1 Power on the XN120.	***! System Start Up – Retain Customer Configuration*** This is the normal operation for powering the XN120 on. Before you power on the system check that the NORMAL switch is set to ON. This will ensure that the system memory retains your configuration. The NORMAL switch is located to the right of the MOH/Page connector on the main unit, refer to the Getting Started Guide supplied with the XN120 for further information. 
2 The BRI/VOIP card(s) will be automatically configured.	Refer to the instructions supplied with the option card for configuration details.

5- Test the 2OPBOX

1 When the 2OPBOX is installed it will provide 2 slots.	The slot numbers depend on which XN120 cabinet that the 2OPBOX is connected to. The 2OPBOX connected to the main cabinet will provide slots 5 & 6 The 2OPBOX connected to expansion cabinet 1 will provide slots 11 & 12 The 2OPBOX connected to expansion cabinet 2 will provide slots 17 & 18 The slots used by the cards within the 2OPBOX can be confirmed by Program 10-03-01. Refer to the instructions supplied with either the BRIU or VOIPU card for details of the settings within Program 10-03-01.
2 Replace the lid of the 2OPBOX.	Locate the lid onto the right side edge of the 2OPBOX and lower into place.   Secure the two screws.

Configure the XN120

There is no configuration related to the 2OPBOX, the cards within it require configuration. Refer to the instructions supplied with either the BRIU or VOIPU card.