



**Explorer[®] Balance
Ethernet Interface Option Kit
Installation Instructions**

1. INTRODUCTION

The Ethernet Interface Option Kit provides a standard Ethernet interface for Ohaus Explorer Series Balances.

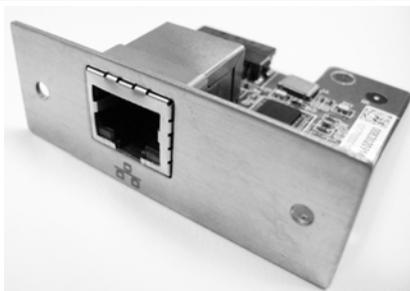
Please read this manual completely before installation and operation.

CAUTION:



READ ALL SAFETY WARNINGS BEFORE INSTALLING, MAKING CONNECTIONS, OR SERVICING. FAILURE TO COMPLY WITH THESE WARNINGS COULD RESULT IN PERSONAL INJURY AND/OR PROPERTY DAMAGE. RETAIN ALL INSTRUCTIONS FOR FUTURE REFERENCE.

1.1 Kit Contents



Option Board with face plate, and standard female RJ-45 Ethernet connection.

2. INSTALLATION

2.1 Safety Precautions

For safe and dependable operation of this equipment, please comply with all safety precautions mentioned in this manual.

Note: Disconnect the equipment from the mains power supply before beginning installation.

CAUTION:



The electronics of the Option are very sensitive to electrostatic discharges. In order to protect the components, necessary measures must be taken when the Option is installed so as to provide protection against electrostatic discharges.

2.2 Installation procedure

Please note the following:

The interface is installed into the Display and is powered by the Base.

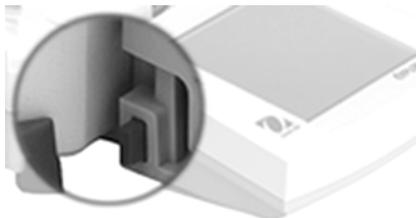
Follow the steps below. Refer to the Figures when performing these steps.

1



Make sure Balance is unplugged (turned OFF)

2



Detach the Display:
press buttons on both sides to disconnect. Then pull Display away from base.

3



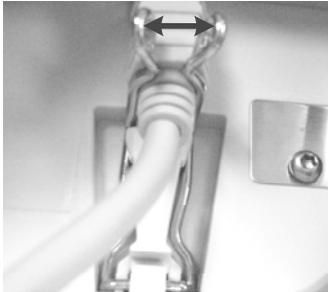
Open the Display:
press button (enlarged in photo),
then lift Display until it disengages.

4



Unplug Display Communication
Cable, if desired, for greater
freedom of movement.

5



To release the clip that secures the
Display Communication Cable:
press out on both sides, as shown,
then unplug the Display
Communication Cable.

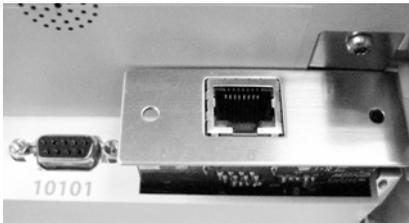
6



Remove the two screws holding the **Option** faceplate using a screwdriver. Remove this plate. Save the screws, they will be used to install the new RS232 interface board.

Note: Do not touch any items inside the Display.

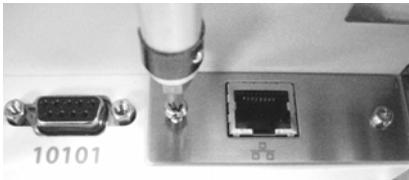
7



Install the new Ethernet interface board into the Display. Take care to seat the device properly in the slot. Push interface board into the Display securely to engage it.

Note: Be careful not to touch electronic components. Only touch edges of interface board.

8



Re-install the two screws.

Plug in the Display Cable

Plug in a standard Ethernet Cable to the Device.

Close the Display.

10

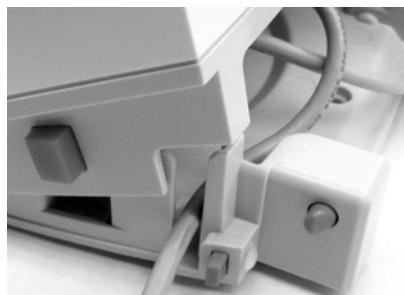


Route the RS232 Cable out *either*:

1. Under the Base and out the Back, as shown at left;

or...

11



2. Out the side of the Display, through the groove near the release button (either side), as shown here.

12

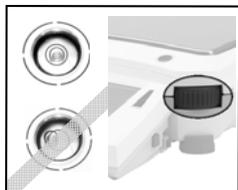


Re-wind any unused cable:

First remove the Platform, Sub-Platform or Wind Ring, and Wind Shield (if present).

Then turn base over to rewind cable around cable guides (if needed).

13

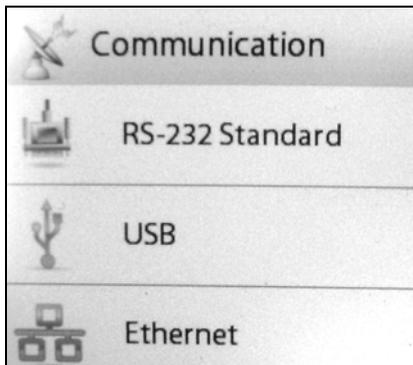


Turn base upright and re-assemble. Reconnect power to Base (power ON).

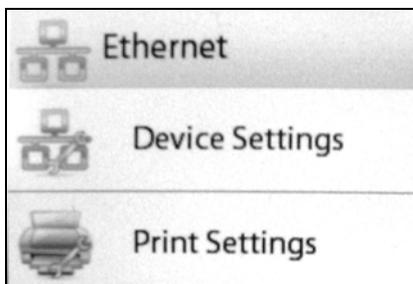
Use the Level Assist feature to re-level the Balance prior to operation. (See *Instruction Manual, Section 2.4.*)

3. OPERATION

Using the Ethernet Port to connect to a Local Area Network

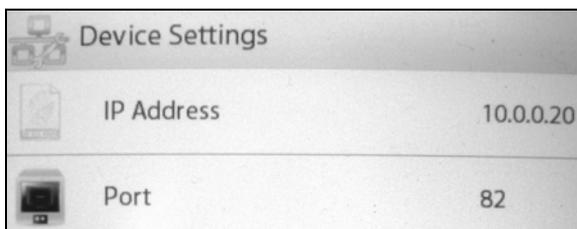


After successful installation of the Ethernet Interface Option, the **Ethernet** appears as an option on the Communication Menu.



Press **Ethernet** to see options for **Device Settings** and **Print Settings**.

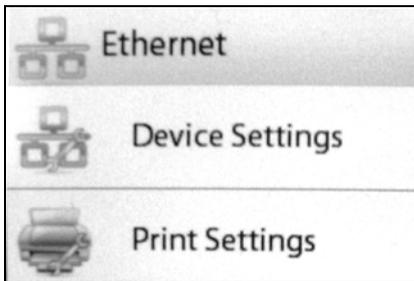
Press **Device Settings** to...



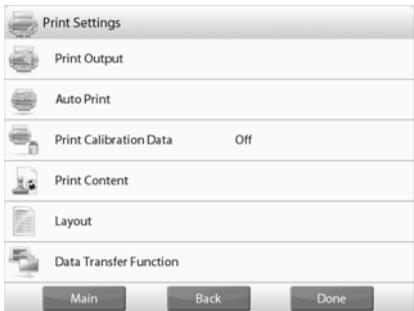
...see the IP Address and Port setting.



The Port setting cannot be changed.
 Press **IP Address** to change the setting.



Now press **Print Settings** to select from a menu of options.



For additional information on the available print options, see the Explorer Balances Instruction Manual.

4. MAINTENANCE

4.1 SERVICE INFORMATION

For Service assistance in the United States, call toll-free 1-800-526-0659 between 8:00 AM and 5:00 PM Eastern Standard Time. An Ohaus Product Service Specialist will be available to assist you. Outside the USA, please visit our website, www.ohaus.com, to locate the Ohaus office nearest you.

5. TECHNICAL DATA

5.1 Specifications

Part Number	83021082
Interface Type	Female RJ-45 Ethernet connection



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