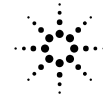
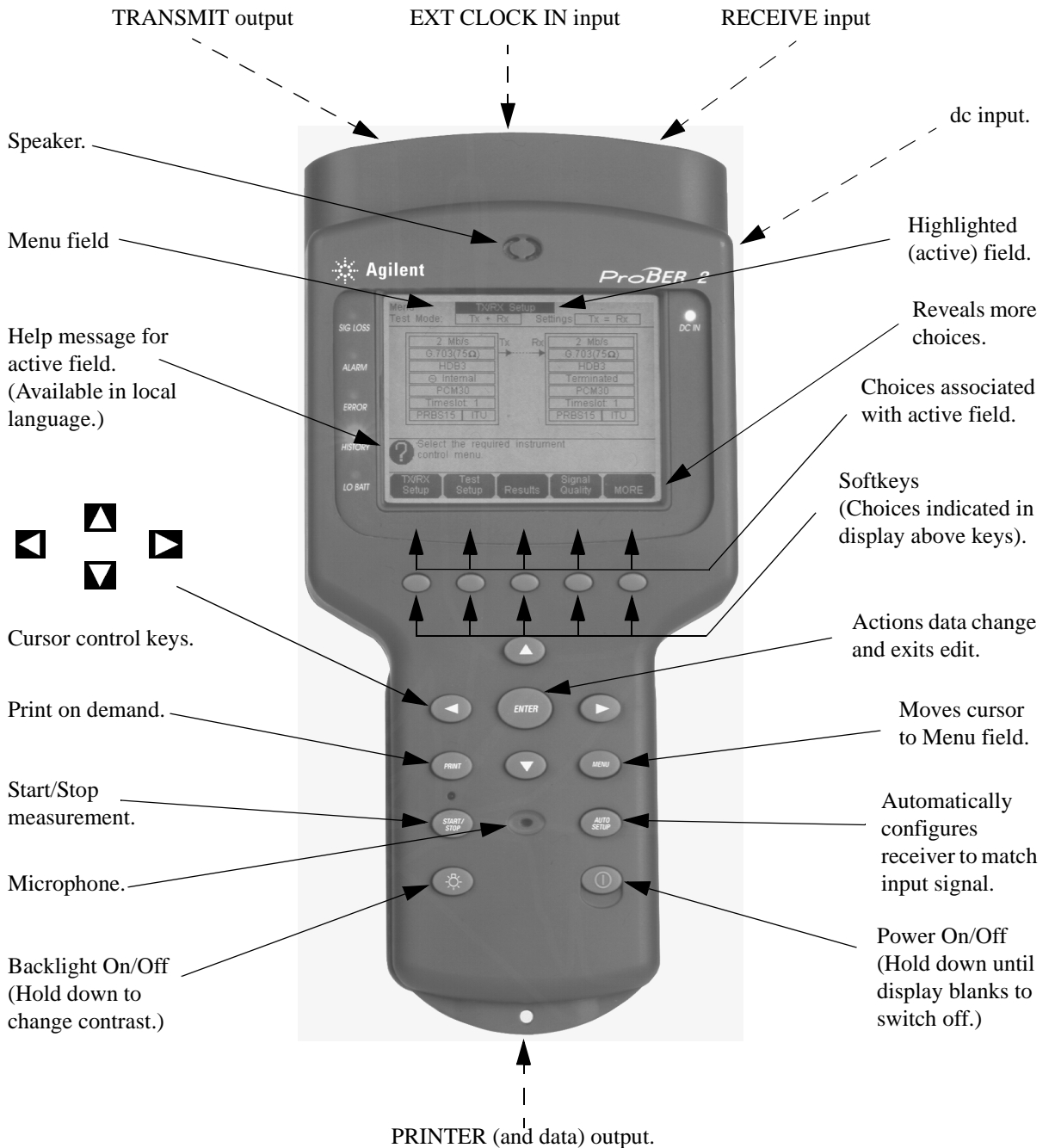


ProBER 2 - Getting Started




Agilent Technologies







Initial Switch-on

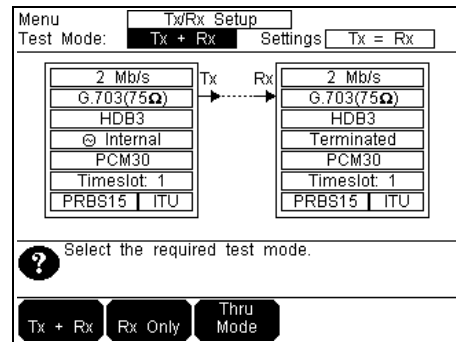
ProBER 2 is supplied **ready to use** straight from the box. There is **no need to charge the battery**. Use the instrument until the battery is completely exhausted before giving it its first charge.

When you first switch on ProBER 2, you may need to **adjust the display contrast** by holding down the display backlight key . This cycles the contrast through its setting range. A quick press of the same key toggles the backlight on and off.

Navigating around the displays


Before using ProBER 2, you'll need to know how to select and change settings. Here's how to do that.

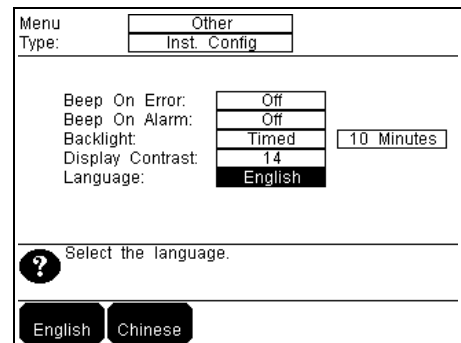
1. Move within the display area by using the cursor control keys , ,  and . Return the cursor to the top of the display quickly by pressing **MENU**.
2. In each of the display areas, the field that can be changed (the active field) is marked by a “highlighted cursor”. In the example shown here, it's **Tx + Rx**.
3. Alternative selections/modes for the active field are accessed using the softkeys below the display.
4. When a field has more than five choices, a softkey labelled **More** is provided. Press it to reveal more choices.



Choosing your HELP Language

The HELP messages displayed on the screen can be provided in English and one other language. The other language depends on which ProBER 2 option you have ordered.

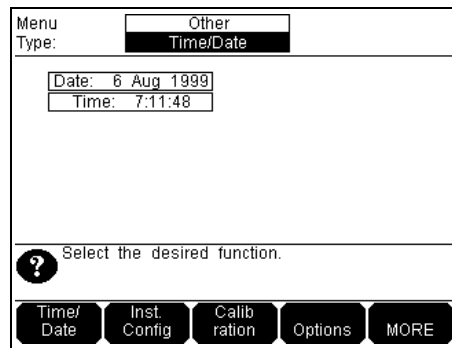
1. Choose **MENU**, **More**, **Other**, , **More** then **Inst. Config** to obtain the local language display, as shown.
2. Move the cursor down to **Language** and choose the language required from the menu.



Setting the Date and Time

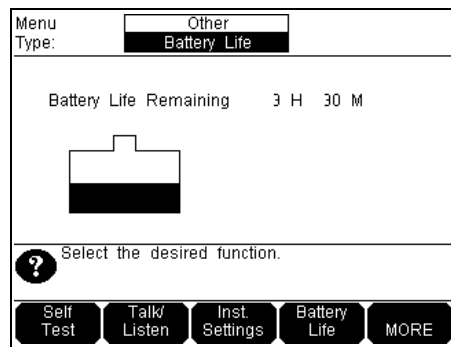
When results are recorded, it is useful to have certain events time-stamped, for example, Alarms, Error Seconds, etc. Here's how to set the date and clock:

1. Choose **MENU**, **More**, **Other**, **▼**, **More**, then **Time/Date** to obtain the Time and Date display, as shown.
2. Move the cursor to **Date** and enter the correct date using **EDIT**, **▲**, **▼**, **◀** and **▶**. Then press **ENTER** to action your edits or press **Cancel** to escape.
3. Move the cursor to **Time** and enter the correct time, as above.



Taking Care of your Battery

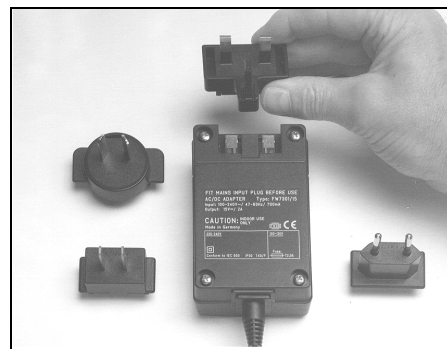
ProBER 2 uses a high-performance Nickel Metal Hydride (NMH) rechargeable battery pack that may not be fully charged when you receive the instrument. Whatever the state of charge, use ProBER 2 until the battery is completely exhausted before being given its first charge. This ensures better accuracy from the battery charge indicator. Maximum accuracy is obtained after the battery has been fully discharged and recharged twice. Access the indicator by choosing **MENU**, **MORE**, **Other**, **▼**, **Battery Life**. It takes a few minutes for the indicator to stabilize.



Charging your Battery

To recharge the battery, first fit the appropriate adapter (supplied) to the charger, as shown. Normally the battery will be fully charged after 5 hours.

Note that ProBER 2 can be used while the battery is charging.

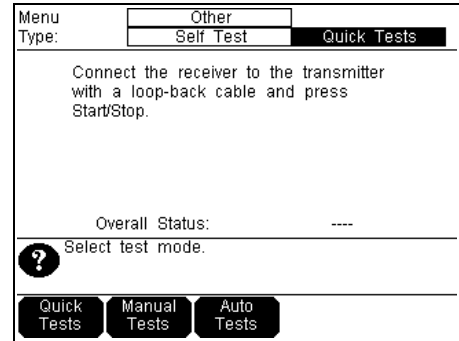




Verify Instrument Operation

Before making measurements, run a Self Test to check that ProBER 2 is operating correctly.

1. Choose **MENU**, **More**, **Other**, **▼**, **Selftest**, **▶**, **Quick Tests**.
2. Connect the TRANSMIT 75Ω port to the RECEIVE 75Ω port using the supplied cable.
3. Press **START/STOP** to run the self test. After a few seconds an **Overall Status** PASS or FAIL message will be displayed.
4. If the FAIL message is displayed, ProBER 2 should be returned to an Agilent Service Office for repair. For an up to date list of offices, see the Agilent Website at URL: <http://www.tm.agilent.com/tmo/TMTop/English/index.html>



Performing Measurements with ProBER 2

You're now ready to perform measurements with ProBER 2.

Full details of the measurements and how to perform them are in the User Reference Manual. The basic procedure is:

1. Select the test interface.
2. Set up the measurement parameters.
3. Perform the measurement.
4. Display or store the results.

The chapters in the User Reference Manual are set out in this order.

The Quick Reference Guide is a handy reminder of how to access the various measurements and features of ProBER 2.

The Service Manual includes procedures for verifying the performance as well as how to change the battery, should this be necessary.

Enjoy using your ProBER 2.

