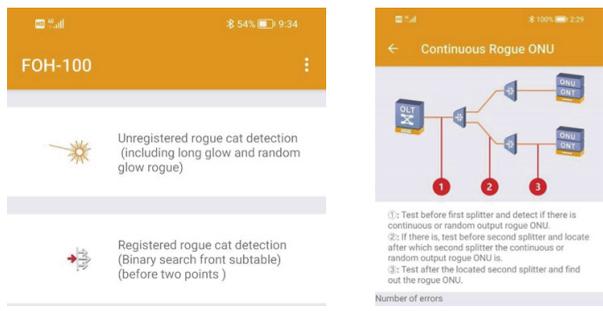
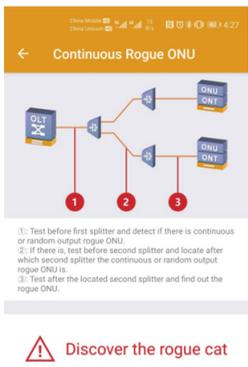


(1) Long press(>2s) "Power" button to power on, connect the FOH-100 in series before the first level splitter, make sure that the OLT port is connected to the OLT side fiber and the ONU port is connected to the ONU side fiber.

(2) Open the mobile phone APP and connect the bluetooth with FOH-100, enter the "Rogue ONU test" interface, first doing the "unregistered rogue ONU test", wait for about 30 seconds to check whether there is a rogue ONU; If not, switch to the "registered rogue ONU test"



(3) When a rogue ONU is detected, pull out the second level splitter after the first level splitter in turn, until rogue ONU is disappear, then locate the rogue ONU in which second splitter.



(4) Connect the FOH-100 in series before this second splitter, pull out the fiber after the second splitter in turn, until rogue ONU is disappear, then locate the rogue ONU is the ONU device after this splitter port.



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FOH-100

GPON Tester Quick Guide



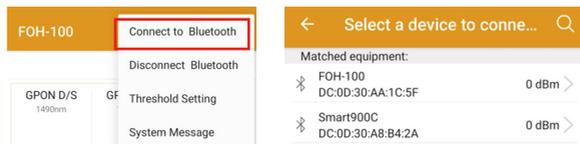
Android App



FOH-100 appearance and button

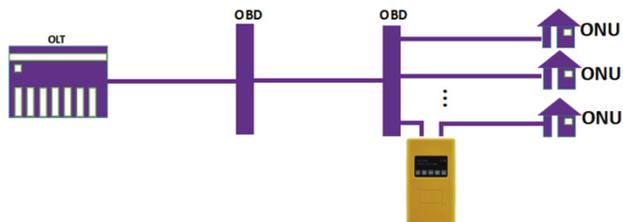


(2) Power on the FOH-100, connect the FOH-100 with mobile phone via bluetooth. The bluetooth name of the FOH-100 is at the back panel.



(3) For the first connection, you need to enter the password "0000" or "1234". When connected with mobile phone successfully, "Bluetooth" will display on the FOH-100 screen.

Detailed Operation Steps



(1) Connect FOH-100 in series between splitter and ONU(After splitter or ONU side). To protect the optical port of the tester, We suggest to connect two 3m SC-SC patchcord before connecting the FOH-100 to the PON line. OLT port of FOH-100 is connected to the OLT side, ONU port of FOH-100 is connected to the ONU side. After connected, If "G" flash on the screen means there is online ONU, Online ONU number will display on the FOH-100 screen.

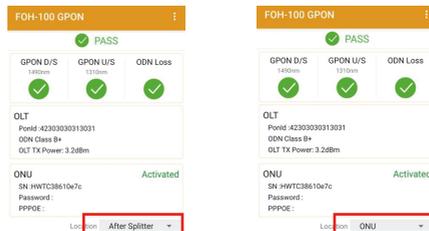
Press "ONU"button to switch display "PON ID/ONU SN/PASSWORD/PPPOE"



Press"OPM"button to switch display "Power level/OLT Class type/Tx Power"



(2) Connect the FOH-100 with mobile phone APP. OLT information(PON ID, Input Class level, Tx power) and ONU information(ONU status, ONU SN, Password, PPPOE) will display on the APP automatically. Also the GPON downstream signal power(GPON D/S), GPON upstream signal power(GPON U/S), ODN loss will display on the APP with the PASS/FAIL judgement. Click "Location" to select the test position: "ONU" or "After splitter"



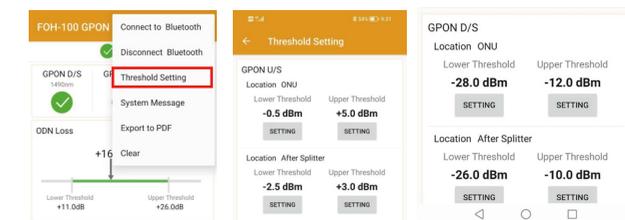
(3) Click "GPON D/S" to check downstream 1490nm power at the current test point.

Click "GPON U/S" to check upstream 1310nm power at the current test point.

Click "ODN Loss" to check the total optical loss from the OLT to the current test point.



(4) Click "Threshold setting" to enter the PASS/FAIL qualification threshold setting for the downstream 1490nm and upstream 1310nm signal power level.



(GPON 1310nm threshold) (GPON 1490nm threshold)

(5) Click "Export to PDF", the test result will generate a PDF report.



Android Mobile phone APP download method and connection

The FOH-100 can be connected with the Android mobile phone through Bluetooth, the test data can be display and saved on the mobile phone APP.

(1) Android phone browser scans the QR code to download the FOH-100 APP.

Android phone browser visit Shanghai Grandway website to download FOH-100 APP.



(QR code)

Download link: <https://www.grandwaytelecom.com/En/Skippower/downloadFile/id/118.html>

Rogue ONU Test

