FX100
AUDIO ANALYZER

PACKAGE LIST

— FX100 Audio Analyzer

— Mains cable

— USB cable

— FLEXUS USB Memory Stick (PC software and product information)

— Calibration certificate

— This quick guide

OPERATING CONDITIONS & SAFETY ADVICE

— Required mains power: 90 - 264 VAC / 47 - 63Hz.

— Maximum voltage at analog inputs: 200Vp.

— Do not apply AC voltages to analog outputs.

— Environmental conditions

— Operating: 5°C to 45°C / 90% RH non-condensing.

— Storage: -20°C to 80°C / 90% RH non-condensing.

— You may stack up to four FLEXUS units.

— Keep front panel ventilation inlet holes open.

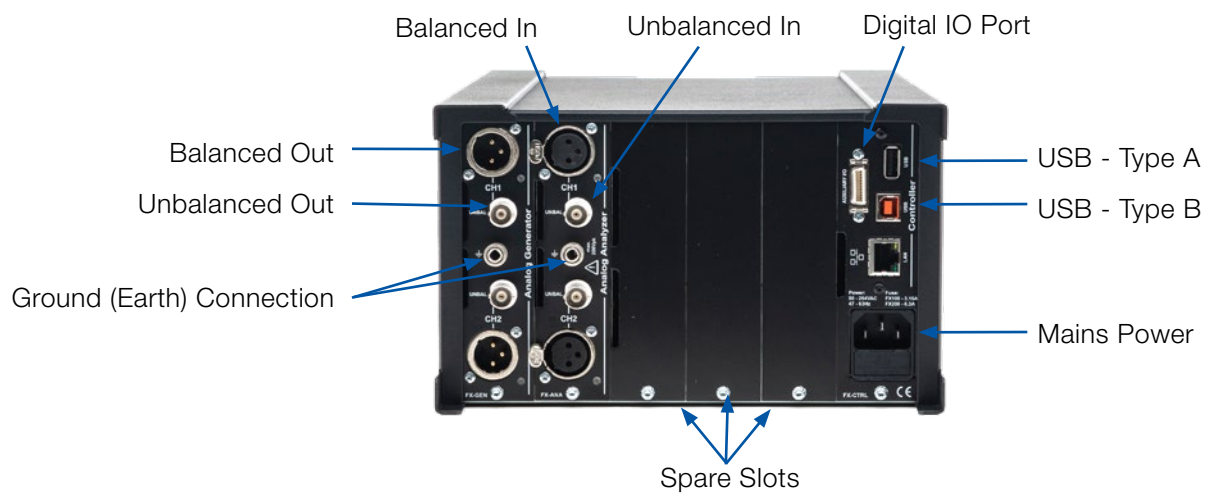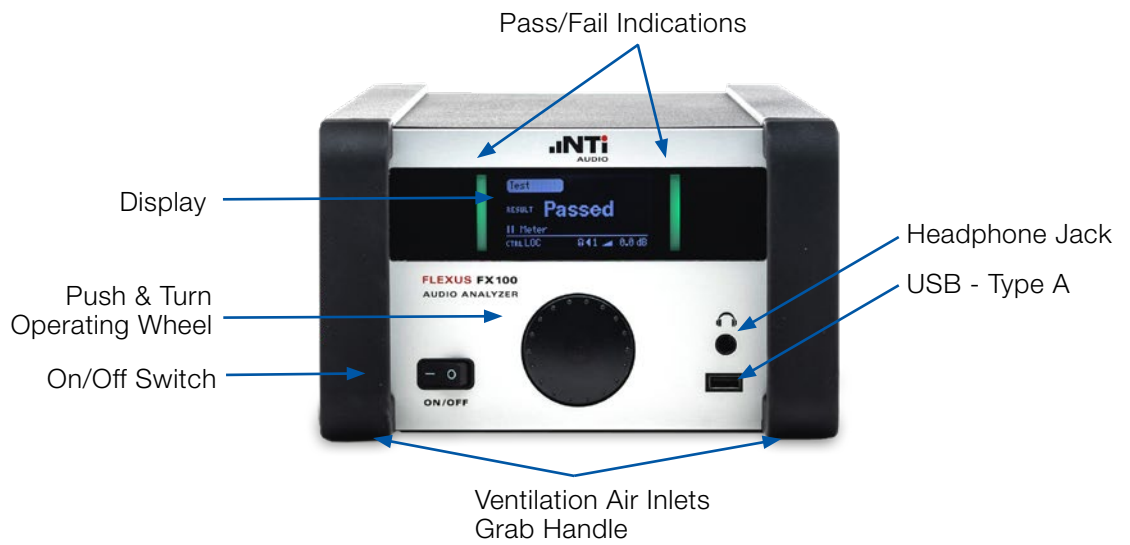— For detailed specifications see www.nti-audio.com/flexus

MAINTENANCE

— There are no serviceable parts inside.

— Clean surface with a dry cleaning cloth.
You may use a mild cleaning agent if required.

INTRODUCTION

Make yourself familiar with the connections, controls
and elements of your FX100 Audio Analyzer.

Pass/Fail Indications

Display

Headphone Jack

USB - Type A

Push & Turn
Operating Wheel

On/Off Switch

Ventilation Air Inlets
Grab Handle

Balanced In   Unbalanced In   Digital IO Port

Balanced Out

Unbalanced Out

USB - Type A

USB - Type B

Ground (Earth) Connection

Mains Power

Spare Slots

START OF OPERATION

1. Unpack items.

2. Install software.

— Insert FLEXUS USB Memory Stick into your PC.

— Open drive folder and double-click on setup.exe.

— Follow installation instructions.

3. Connect FLEXUS to mains power.

4. Connect FLEXUS and PC with USB cable, using the USB-B connector.

5. Launch FX-Control.

6. FX-Control will start with a default measurement project

7. For further information on how to operate FX-Control, please use the online help via the "F1" key.
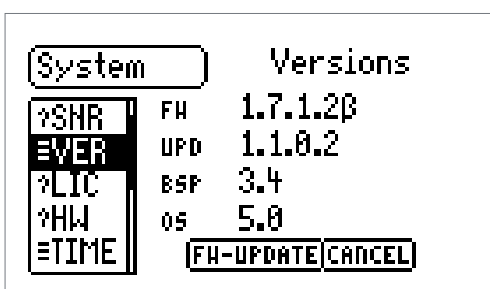
HOW TO …

OPERATE THE FX 100 FRONT PANEL

The FX100 can be operated with the Push&Turn wheel on the front panel. It allows navigating through a menu system.

— By turning the wheel, the highlighted active item can be changed.
— By pressing on a active item, the functionality gets active.
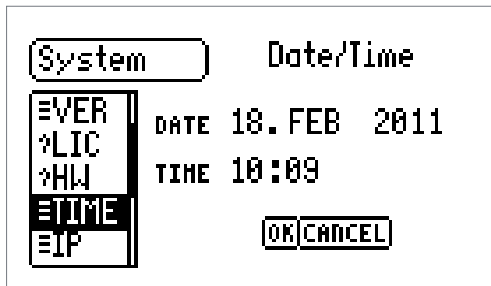
PERFORM A FIRMWARE UPGRADE

If there is a new firmware available, FX-Control will notify you upon startup.

— Confirm and download the *fxu file to the root folder of an USB memory stick.
— Plug the USB memory stick into one of the USB Type-A connectors of your FLEXUS unit.
— Select the FLEXUS menu **SYSTEM > =VER > FW-UPDATE**

— Select the stored fxu file from the list.

— The firmware upgrade will proceed automatically. This may take up to a few minutes. Do not switch off the unit during the firmware upgrade process.

SET THE FLEXUS DATE AND TIME

— Select the FLEXUS menu **SYSTEM > =TIME**
— Set the correct date and time

CONFIGURE THE HEADPHONE OUTPUT

Content
— MONITOR (the unifiltered analyzer input signal).
— PURESOUND (the bandliited PureSound analysis input filter).

Source
— The analyzer channel number routed to the headphone output.

Volume
— Controls the volume from 0 % to 100 %.

PERFORM A SYSTEM CHECK

— Navigate through the FLEXUS menus to **SYSTEM > =TST**

— The system will perform a few basic tests and return **PASSED** or **FAILED**

DETERMINE THE CALIBRATION DUE DATE

— Navigate through the FLEXUS menus to **SYSTEM > ?CAL**

— The system will display the last calibration date, and the next valibration due date.

GET FURTHER INFORMATION AND SUPPORT

— Register yor FX100 under http://my.nti-audio.com for product news, firmware and software updates.

— Consult the FX100 user manual on the FLEXUS USB Memory Stick.

— Contact your local NTi Audio partner for technical support.