FLEXUS FX100
AUDIO ANALYZER
QUICK GUIDE

PACKAGE LIST

- FLEXUS FX100 Audio Analyzer
- Mains cable
- USB cable
- FLEXUS CD (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.
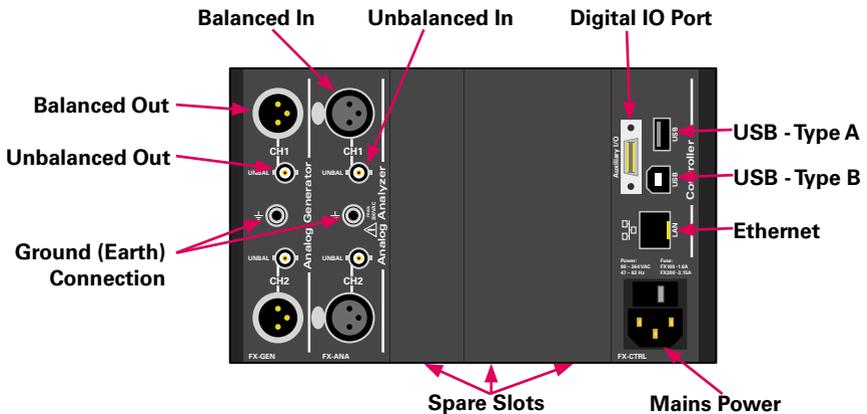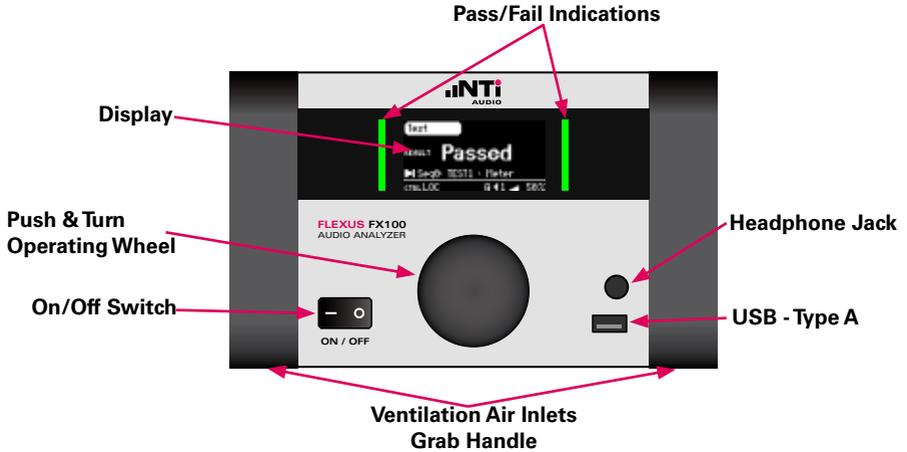- For detailed specifications see www.nti-audio.com/flexus

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 FLEXUS audio analyzer.

Pass/Fail Indications

Display

Push & Turn Operating Wheel

On/Off Switch

Headphone Jack

USB - Type A

Ventilation Air Inlets
Grab Handle

Balanced In **Unbalanced In** **Digital IO Port**

Balanced Out

Unbalanced Out

USB - Type A

USB - Type B

Ethernet

Ground (Earth) Connection

Spare Slots **Mains Power**

START OF OPERATION

1. Unpack items.
2. Install software.
   - Insert FLEXUS CD into the CD drive of your PC.
   - Open CD 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.
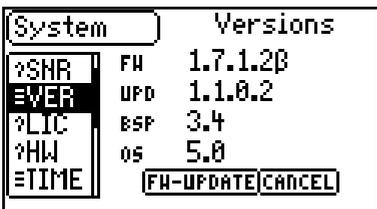
HOW TO ...

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.
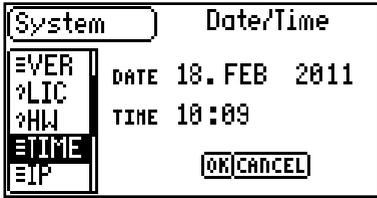
Perform a firmware upgrade

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.
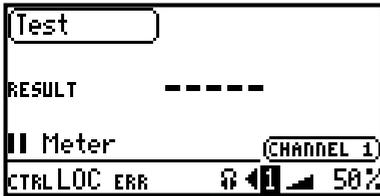
Set the FLEXUS date and time

```
┌─────────┐
│ System  │      Date/Time
├─────────┤
│=VER │   DATE 18. FEB  2011
│?LIC │
│?HW  │   TIME 10:09
│=TIME│
│=IP  │      OK CANCEL
└─────────┘
```

- Select the FLEXUS menu **SYSTEM → =TIME**
- Set the correct date and time.

Configure the headphone output

```
┌─────────┐
│ Test    │
├─────────┤
│
│RESULT      - - - -
│
│ ▌▌ Meter        CHANNEL 1
│
│CTRL LOC ERR    🎧◀ 1 ◢ 50%
└─────────┘
```

Content Source Volume

Content:
- MONITOR (the unfiltered analyzer input signal).
- PURESOUND (the bandlimited 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 calibration due date.

Get further information and support

- Register your FX100 under http://my.nti-audio.com for product news, firmware and software updates.
- Consult the FX100 user manual on the FLEXUS CD.
- Contact your local NTi Audio partner for technical support.