NEXO | NeMo

Version 3.0 for desktop in **10** little **steps**

1 Create an Offline Session

Create a new session. You will be able to open and edit it later. You can share it with other users of NeMo for Windows, macOS or for iOS.

Add offline **device prototypes**. Make up **groups** of devices, and **zones** of channels.

Choose **pictures** for the background, and make them a little blurry.

Selector:
Manage and select devices, channels, groups and zones

Tab bar:
Network, Recap or Control

Inspector:
Manage the session, network connection and log recording.

View the map of devices, groups, zones, and Custom Control Maps

Create device prototypes, groups and zones, and Custom Control Maps

Edit background pictures

Double click to edit device settings

2 Choose Presets

From the Network tab or the Selector, select devices, groups, channels or zones.

Go to the Control tab and to the Setup Picker.

Build and recall presets, from a NEXO 4-channel library or channel per channel.

Choose preset

Always check what is selected

Standard or custom setups

Scroll to pick series, cabinet, cabinet mode and XO mode

Select channels to edit

Bridge if needed

Recall the selected setups

3

Prepare Your Devices' Settings and EQ

Go to the Control tab.

Select devices, groups, channels or zones from the Selector.

Patch inputs to processing channels.

Edit gain, delay, etc. on:

- One channel,
- Several channels, absolute or relative.

Mute and solo (NXAMP only).

Add and edit up to 8 EQ bands per channel.

Select objects

Navigate through selection and tab history

Always check what is selected

Select inputs

Choose preset

Slide your finger or type a value

Edit parameters for the channel 1 of the selected NXAMPs

Check one or several channels to edit them simultaneously. Absolute or relative.

Edit EQ

Set the EQ of the channel ON or OFF

Orange/Mult. = "multiple values"
When a parameter (e.g. volume ch.1) is not the same for all the selected devices.

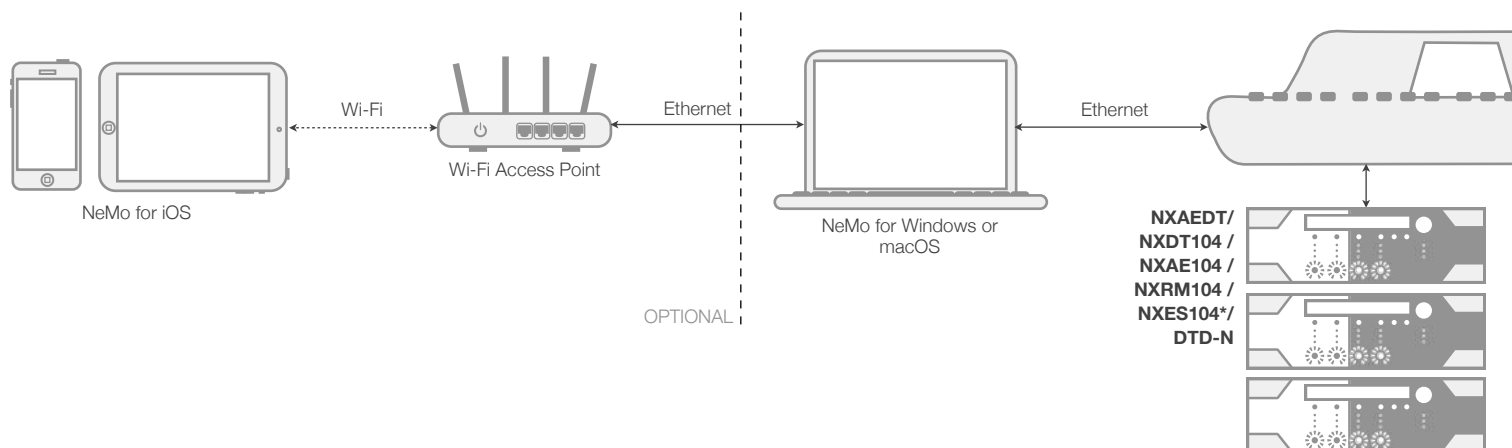Smart slider: displays marks for all the different values.

Detach to new window

Mains L MF and Mai...
M46 MF and HF B 85-850 and 850-20k
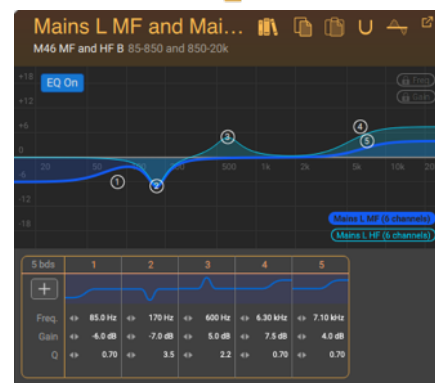
4

Set Your Network Up

Update your NEXO devices and their remote control cards with the latest firmware version.

Set up secured and robust Wi-Fi access points, with a unique DHCP server.

***NXES104 only:** Install AVS-Monitor on a computer with Windows (PC, or Mac with virtual machine). Open AVS-Control panel and turn on AVS-Service.

NeMo for iOS

Wi-Fi

Wi-Fi Access Point

Ethernet

NeMo for Windows or macOS

Ethernet

OPTIONAL

NXAEDT/
NXDT104 /
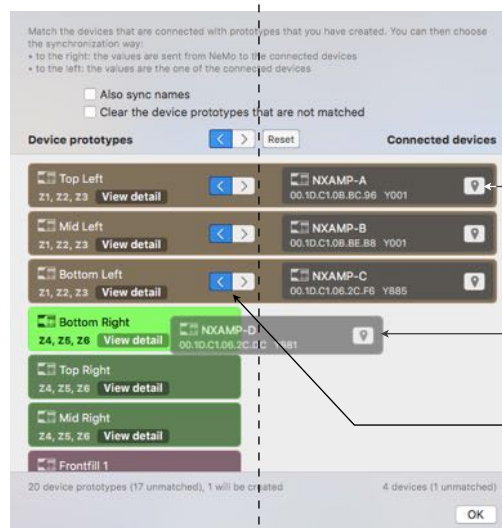NXAE104 /
NXRM104 /
NXES104*/
DTD-N

5 Go Online

When you go online and devices are detected, NeMo automatically associates them with offline prototypes, or suggests to:

- Send values from NeMo to connected devices.
- Take values from connected devices.
- Perform a custom matching.

Inspector

⋮

Status

⋮

Online

Custom matching

Match the devices that are connected with prototypes that you have created. You can then choose the synchronization way:
• to the right: the values are sent from NeMo to the connected devices.
• to the left: the values are the one of the connected devices.

☐ Also sync names
☐ Clear the device prototypes that are not matched

Device prototypes   < > Reset   **Connected devices**

Top Left	NXAMP-A	Locate
Z1, Z2, Z3 View detail	00.1D.C1.0B.BC.96 Y001	
Mid Left	NXAMP-B	
Z1, Z2, Z3 View detail	00.1D.C1.0B.BE.B8 Y001	
Bottom Left	NXAMP-C	
Z1, Z2, Z3 View detail	00.1D.C1.06.2C.F6 Y885	
Bottom Right	NXAMP-D	Drag and drop to associate a device and a prototype
Z4, Z5, Z6 View detail	00.1D.C1.06.2C.0C	
Top Right		Choose association way (whether to take values from or send values to online devices)
Z4, Z5, Z6 View detail		
Mid Right		
Z4, Z5, Z6 View detail		
Frontfill 1		

20 device prototypes (17 unmatched), 1 will be created   4 devices (1 unmatched)

OK

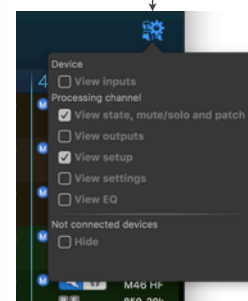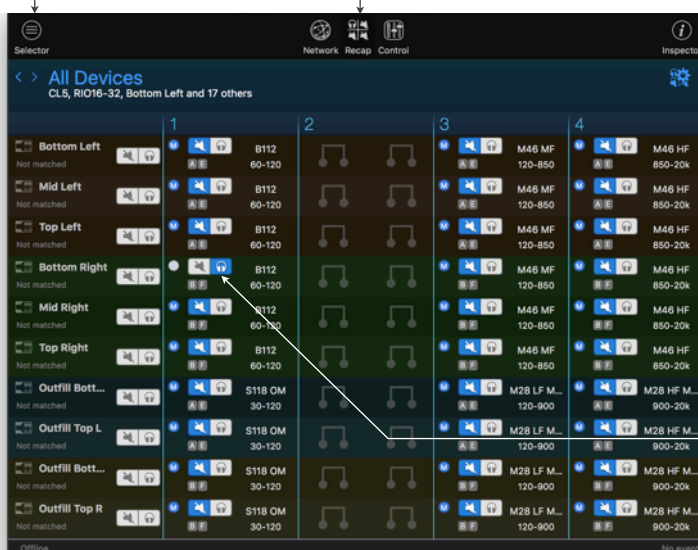Device prototypes   Online devices

6 Check up Your System

Go to Recap.

Choose to display mute/solo.

Check every channel by soloing it.

Select objects   Go to Recap   Select what to view

Selector   Network Recap Control   Inspector

< > **All Devices**
CL5, RIO16-32, Bottom Left and 17 others

	1	2	3	4
Bottom Left / Not matched	B112 60-120		M46 MF 120-850	M46 HF 850-20k
Mid Left / Not matched	B112 60-120		M46 MF 120-850	M46 HF 850-20k
Top Left / Not matched	B112 60-120		M46 MF 120-850	M46 HF 850-20k
Bottom Right / Not matched	B112 60-120		M46 MF 120-850	M46 HF 850-20k
Mid Right / Not matched	B112 60-120		M46 MF 120-850	M46 HF 850-20k
Top Right / Not matched	B112 60-120		M46 MF 120-850	M46 HF 850-20k
Outfill Bott... / Not matched	S118 OM 30-120		M28 LF M... 120-900	M28 HF M... 900-20k
Outfill Top L / Not matched	S118 OM 30-120		M28 HF M... 120-900	M28 HF M... 900-20k
Outfill Bott... / Not matched	S118 OM 30-120		M28 HF M... 120-900	M28 HF M... 900-20k
Outfill Top R / Not matched	S118 OM 30-120		M28 LF M... 120-900	M28 HF M... 900-20k

Offline   No event

Select what to view

Device
☐ View inputs
Processing channel
☑ View state, mute/solo and patch
☐ View outputs
☑ View setup
☐ View settings
☐ View EQ
Not connected devices
☐ Hide

M46 HF
850-20k

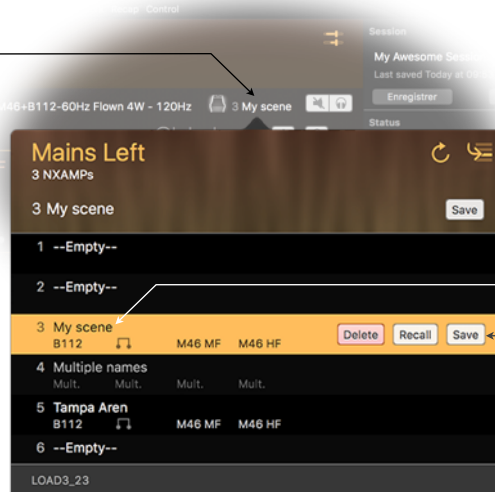Solo channels

7 Save a Scene

NXAMP only

Select devices or groups.

Go to the Control tab and to the Scenes popover.

Select a slot and save the scene.

Later, you will be able to recall this scene and/or paste it to other NXAMPs.

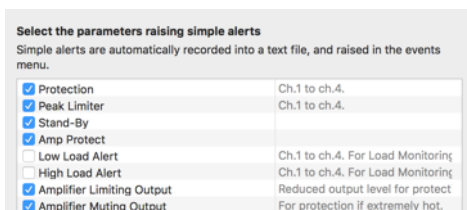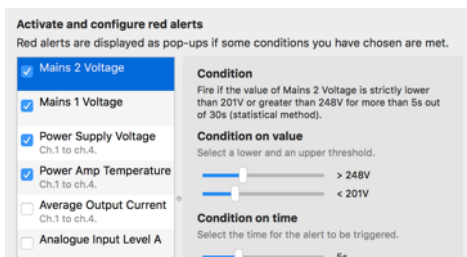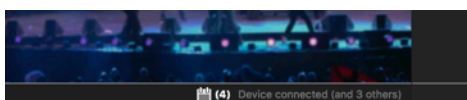Current scene. Click to show Scenes popover.

Mains Left
3 NXAMPs

3 My scene   Save

1 --Empty--

2 --Empty--

3 My scene   Delete Recall Save
   B112   M46 MF   M46 HF

4 Multiple names
   Mult.   Mult.   Mult.   Mult.

5 Tampa Aren
   B112   M46 MF   M46 HF

6 --Empty--

LOAD3_23

Type a name

Press [Save]

Preferences
↓
Configure alerts

Select the parameters raising simple alerts
Simple alerts are automatically recorded into a text file, and raised in the events menu.

☑ Protection	Ch.1 to ch.4.
☑ Peak Limiter	Ch.1 to ch.4.
☐ Stand-By	
☑ Amp Protect	
☐ Low Load Alert	Ch.1 to ch.4. For Load Monitoring
☐ High Load Alert	Ch.1 to ch.4. For Load Monitoring
☑ Amplifier Limiting Output	Reduced output level for protect...
☑ Amplifier Muting Output	For protection if extremely hot.

Configure red alerts

Activate and configure red alerts
Red alerts are displayed as pop-ups if some conditions you have chosen are met.

☑ Mains 2 Voltage	**Condition** Fire if the value of Mains 2 Voltage is strictly lower than 201V or greater than 248V for more than 5s out of 30s (statistical method).
☑ Mains 1 Voltage	
☑ Power Supply Voltage Ch.1 to ch.4.	**Condition on value** Select a lower and an upper threshold.
☑ Power Amp Temperature Ch.1 to ch.4.	> 248V
	< 201V
☐ Average Output Current Ch.1 to ch.4.	**Condition on time** Select the time for the alert to be triggered.
☐ Analogue Input Level A	5s

To consult the Events menu:

📋 (4) Device connected (and 3 others)

When a red alert has been triggered:

⚠️ **Red alert on Mains 2 Voltage**
Mains 2 Voltage of 00.1D.C1.0B.BE.B8 has been strictly lower than 201V or greater than 30s (statistical method).

Switch off red alert   Never show again (this device)   Ok (...

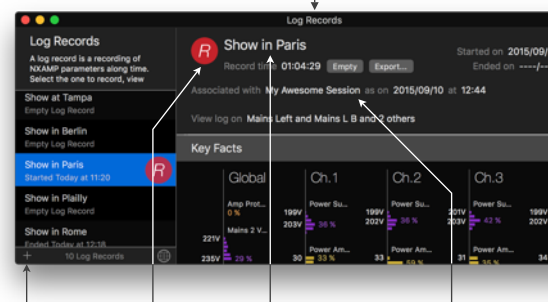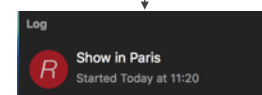
8 Set up Alerts and Record the Log

Go to the preferences.

In Configure Alerts, choose the alerts to show in the Events menu.

In Configure Red Alerts, activate and set up alerts to show as pop-up messages.

To record the log, reveal the Inspector, go online, choose a Log Record, and press [R].

Q Filter

Mid Left (Y001) Device connected	11:16:16
Top Right (Y881) Device connected	11:16:16
Top Left (Y001) Device connected	11:16:16
Bottom Left (Y885) Device connected	11:16:16
Top Left (Y001) Device disconnected	11:23:35
Mid Left (Y001) Device disconnected	11:23:35
Bottom Left (Y885) Device disconnected	11:23:35
Top Right (Y881) Device disconnected	11:23:35

View file   Clear...

To setup and record the log:

ⓘ
Inspector

Log

Ⓡ **Show in Paris**
Started Today at 11:20

Log Records

Log Records
A log record is a recording of NXAMP parameters along time. Select the one to record, view

Show at Tampa
Empty Log Record

Show in Berlin
Empty Log Record

Ⓡ Show in Paris
Started Today at 11:20

Show in Plailly
Empty Log Record

Show in Rome
Ended Today at 12:18

10 Log Records

Ⓡ **Show in Paris**
Record time 01:04:29   Empty   Export...

Associated with My Awesome Session   as on 2015/09/10 at 12:44

View log on Mains Left and Mains L B and 2 others

Key Facts

Global	Ch.1	Ch.2	Ch.3
	Amp Prot... 0 %	Power Su...	Power Su...
199V 203V	199V 203V 56 %	199V 202V 36 %	199V 203V 43 %
221V	Mains 2 V...	Power Am...	Power Am...
235V 29 %	30 33 %	33	31

Started on 2015/09/
Ended on ----/--

Create if needed and select a Log Record

Tap to start recording

Rename the Log Record

Associate the Log Record with your session
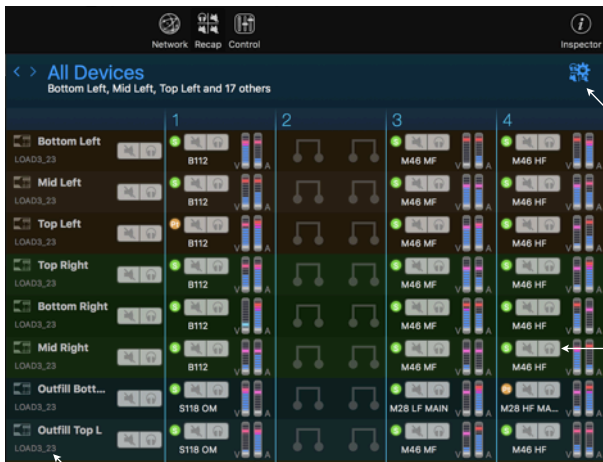
From the Config mode:
press and hold

9 Let the Show Begin

Switch to the Live mode. Components are disabled. You can go to the Preferences to configure the Live mode.
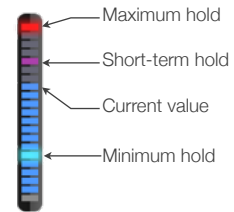
While the show is ongoing, you can go to the Recap tab.

When the show is over, go to the Log view and press [R] to stop recording.

Select what to view (VU-meters, setup,...)
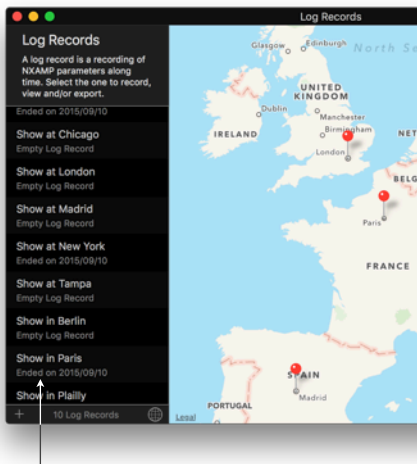
Components are disabled.

Maximum hold

Short-term hold

Current value

Minimum hold

Click to reveal load, IP, MAC or Dante ID

10 Check-out the Log

Go to the Log view.

Review the key facts and the history of the parameters of your choosing.

Export the log to process it in a spreadsheet.

Select a Log Record
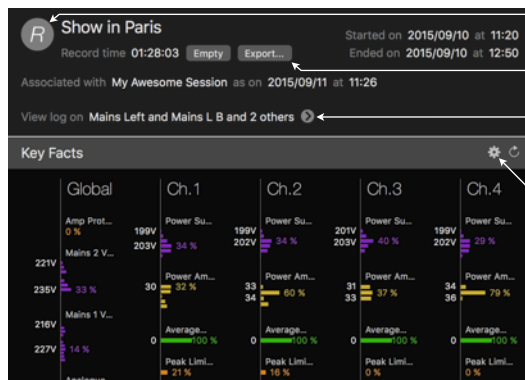
Stop recording

Export the log

Choose devices, groups or zones

Select Key Facts to display

Choose parameters

Scroll and zoom through time.

Tap on a curve to display detail. Drag your finger along the curve.

Maximum

Average

Minimum

Thanks for using NeMo! Please refer to the manual for further instructions and tips on how to use NeMo: https://nexo-sa.com/nemo/. Your feedback and comments are most welcome: technical@nexo.fr.