NEXO | NeMo

Version 3.1 for Desktop
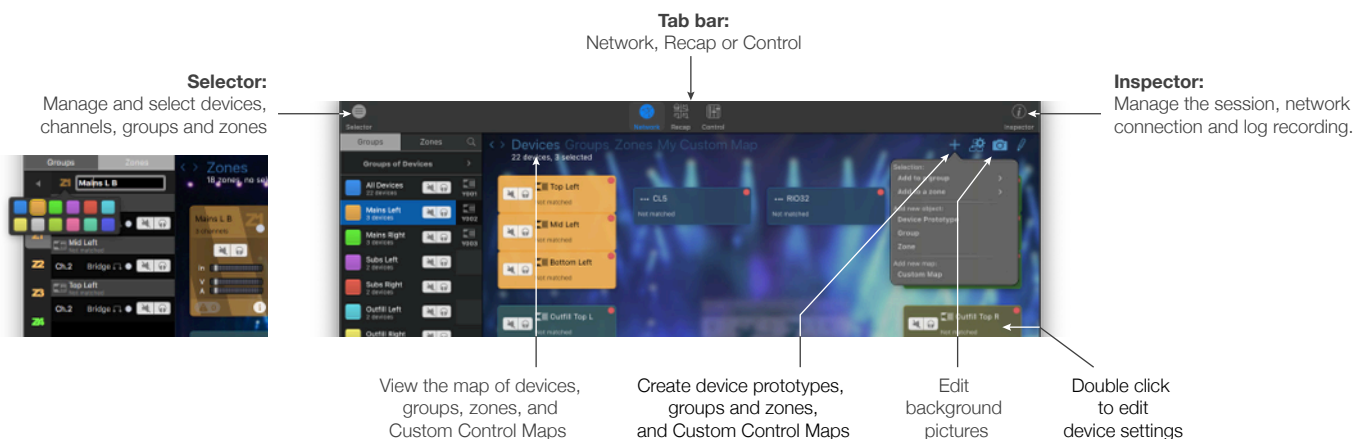
in **10** little **steps**

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.

Tab bar:
Network, Recap or Control

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

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

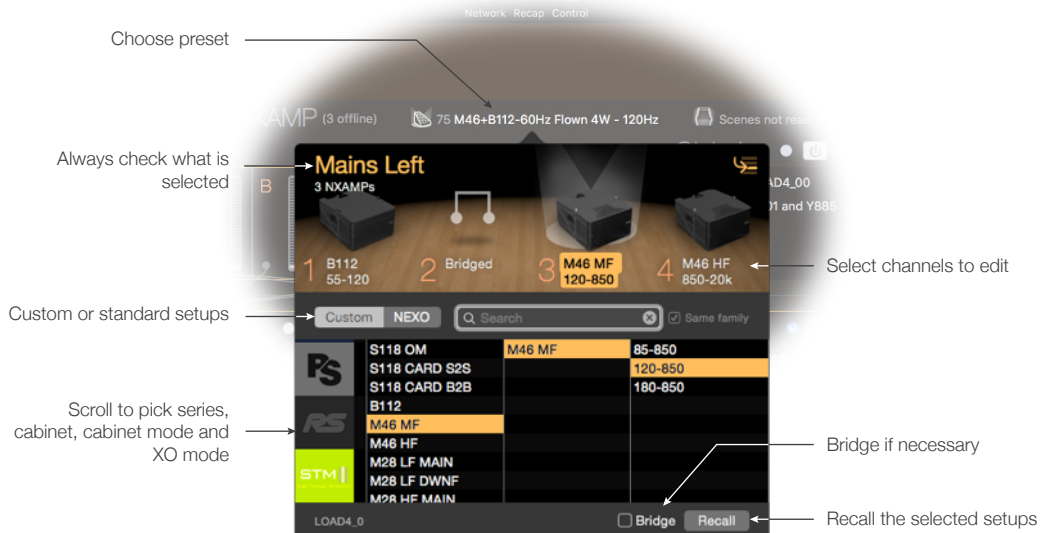Double click to edit device settings

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

Custom or standard setups

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

Select channels to edit

Bridge if necessary

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

Edit parameters for the channel 1 of the selected NXAMPs

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

Select inputs

Choose preset

Slide or type a value

Set the EQ of the channel ON or OFF

Edit the EQ

Orange/Mult. = "multiple values"
When a parameter (e.g. volume ch.1) is not the same for all the selected devices.
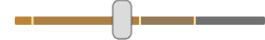
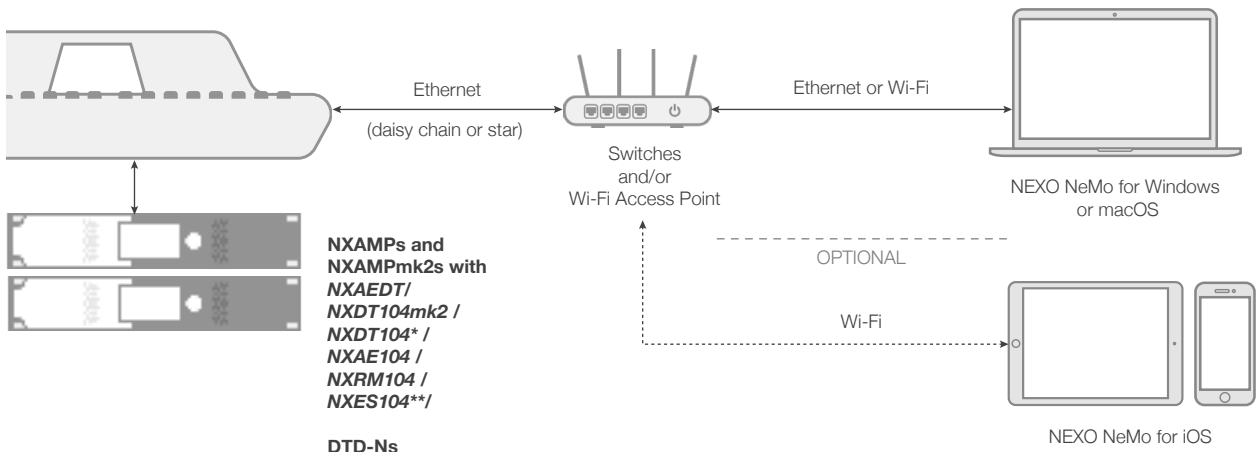Smart slider: displays marks for all the different values.
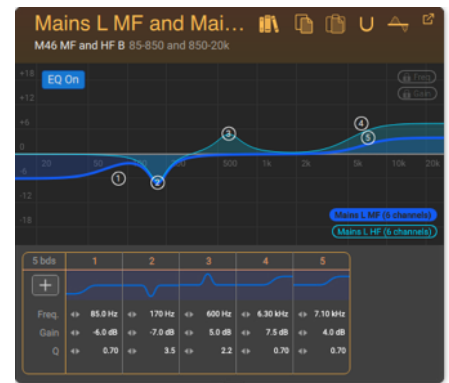
4 Set Your Network Up

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.

NXDT104 on NXAMPmk2 only: limited control.

**NXES104 only:* use AVS-Monitor on Windows or AVS-Service and NeMo v2.4 on macOS and iOS.

Ethernet
(daisy chain or star)

Switches and/or Wi-Fi Access Point

Ethernet or Wi-Fi

NEXO NeMo for Windows or macOS

NXAMPs and NXAMPmk2s with *NXAEDT/ NXDT104mk2 / NXDT104* / NXAE104 / NXRM104 / NXES104/***
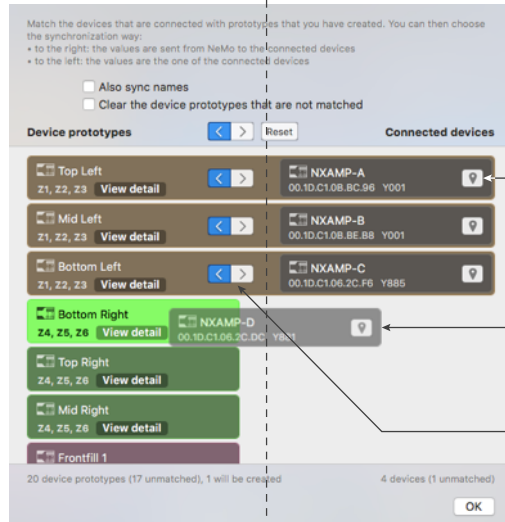
DTD-Ns

OPTIONAL

Wi-Fi

NEXO NeMo for iOS

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 Z1, Z2, Z3 View detail	⟨ ⟩	NXAMP-A 00.1D.C1.0B.BC.96 Y001	📍
Mid Left Z1, Z2, Z3 View detail	⟨ ⟩	NXAMP-B 00.1D.C1.0B.BE.B8 Y001	📍
Bottom Left Z1, Z2, Z3 View detail	⟨ ⟩	NXAMP-C 00.1D.C1.06.2C.F6 Y885	📍
Bottom Right Z4, Z5, Z6 View detail	NXAMP-D 00.1D.C1.06.2C.DC Y...		📍
Top Right 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   Discovered devices

Locate

Drag and drop to associate a device and a prototype

Choose association way (whether to take values from or send values to connected devices)

6 Check up Your System

Go to Recap.

Choose to display mute/solo.

Check channels by soloing them.

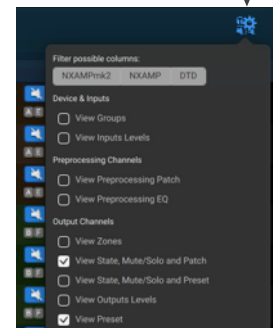Select objects   Go to Recap

Select what to view

			1		2		3		4	

Selector   Network Recap Control   Inspector

⟨ ⟩ All Devices
CL5, RIO16-32, Bottom Left and 17 others

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 LF M... 120-900 — M28 HF M... 900-20k
Outfill Bott... — Not matched — S118 OM 30-120 — M28 LF 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

Filter possible columns:
NXAMPmk2 NXAMP DTD

Device & Inputs
☐ View Groups
☐ View Inputs Levels
Preprocessing Channels
☐ View Preprocessing Patch
☐ View Preprocessing EQ
Output Channels
☐ View Zones
☑ View State, Mute/Solo and Patch
☐ View State, Mute/Solo and Preset
☐ View Outputs Levels
☑ View Preset

Solo channels

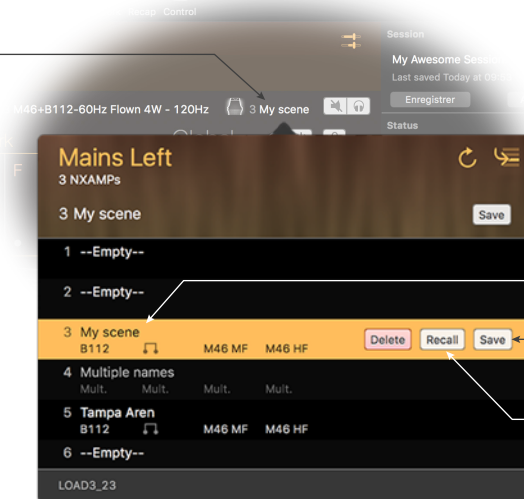# 7 Save a Scene

NXAMPs 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.
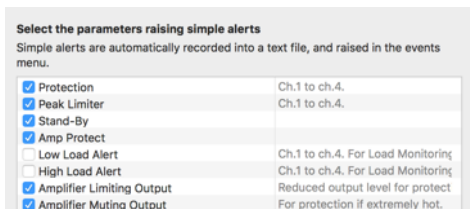
Current scene. Click to show Scenes popover.

M46+B112-60Hz Flown 4W - 120Hz — 3 My scene

Session
My Awesome Sess
Last saved Today at
Enregistrer

Status

Mains Left
3 NXAMPs

3 My scene — Save

1 --Empty--

2 --Empty--

3 My scene
B112 — M46 MF — M46 HF — Delete — Recall — Save

4 Multiple names
Mult. — Mult. — Mult. — Mult.

5 Tampa Aren
B112 — M46 MF — M46 HF

6 --Empty--

LOAD3_23

Select a scene slo

Choose a name a
snapshot of your

Recall the saved s
your devices

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 Monitorin
☐ High Load Alert	Ch.1 to ch.4. For Load Monitorin
☑ 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**
☑ Mains 1 Voltage	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).
☑ 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)
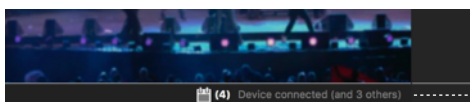
When a red alert has been triggered:

⚠️ **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).

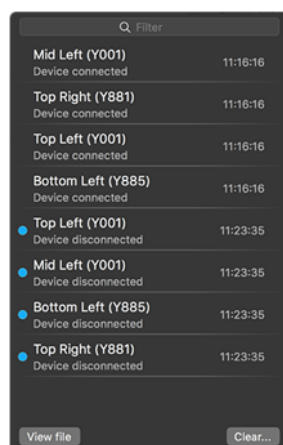Switch off red alert — Never show again (this device) — Ok (
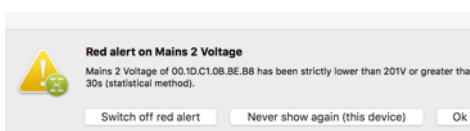
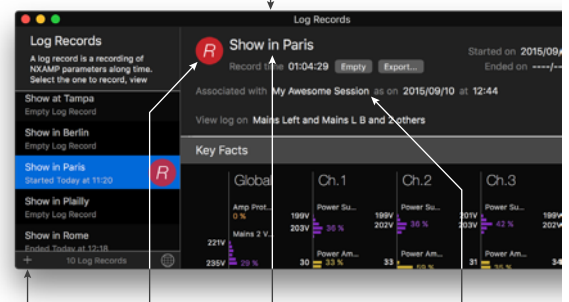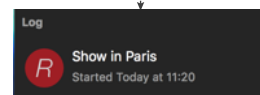# 8 Set up Alerts and Record the Log

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].

🔍 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 ti: 01:04:29 — Empty — Export... — Started on 2015/09 — Ended on ----

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... 199V 36%	Power Su... 199V 36%	Power Su... 201V 42% 199V
	Mains 2 V. 221V	203V	202V	
	235V 29%	Power Am... 30 33%	Power Am... 33	Power Am... 31

Create if needed and select a Log Record

Start recording

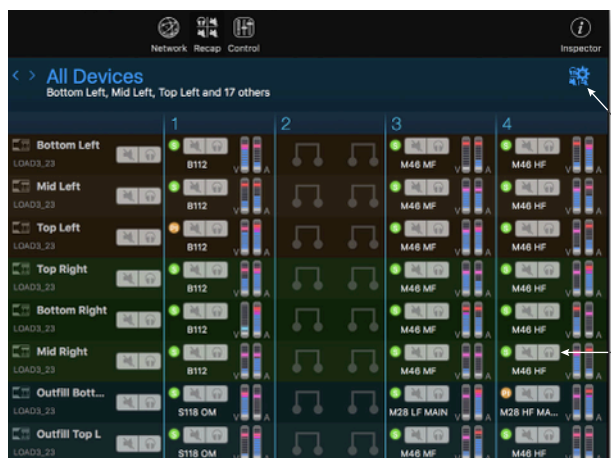Rename the Log Record

Associate the Log Record with your session

9 Let the Show Begin

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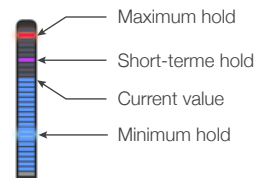
While the show is ongoing, you can go to the Recap tab.

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

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

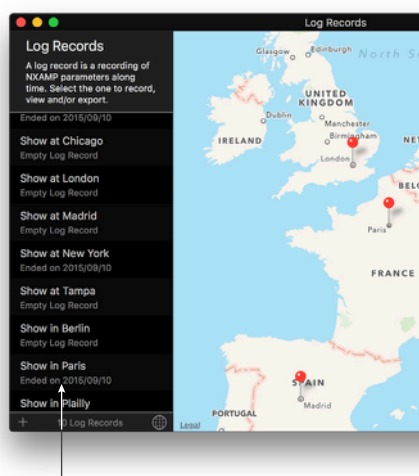In Live Mode, components are disabled

Maximum hold

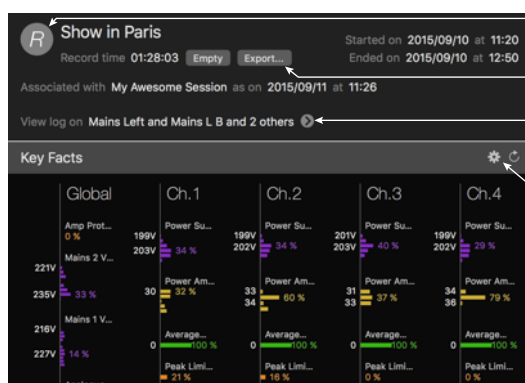Short-terme hold

Current value

Minimum hold

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 to view/export

Scroll and zoom through time

Press a curve and drag along to display detail

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.