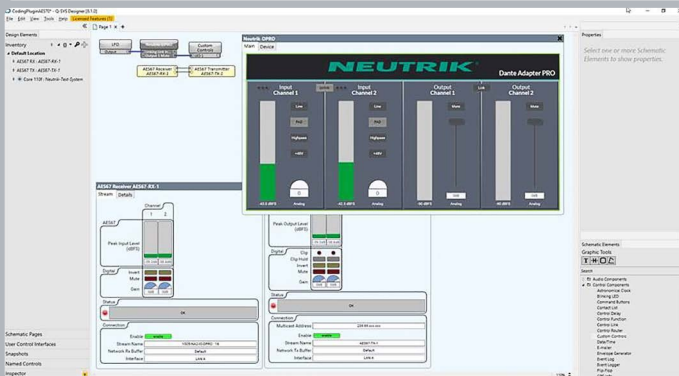
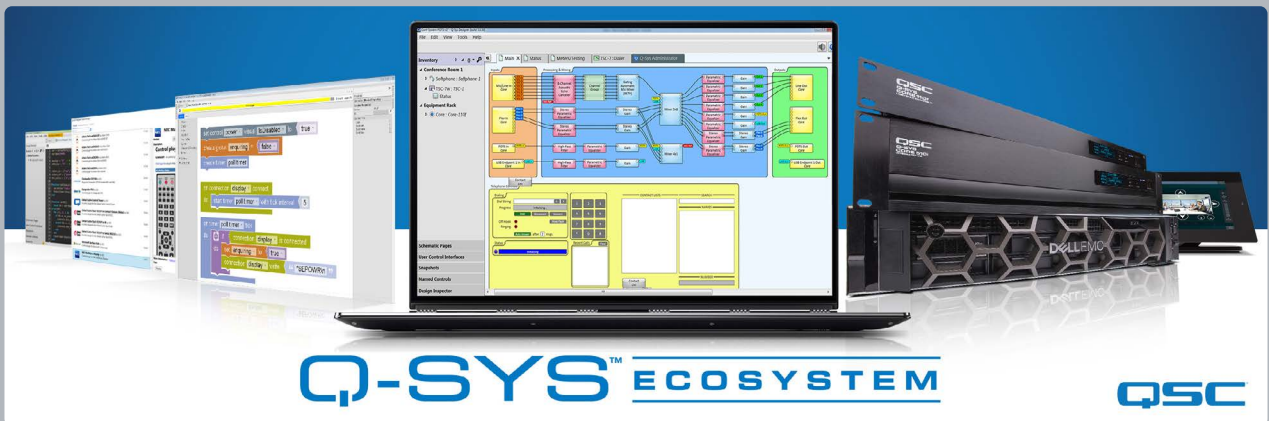




# User Manual

# NA2-IO-DPRO Q-SYS Control Plugin



**NEUTRIK®**

# Q-SYS Designer Setup for NA2-IO-DPRO (further DPRO Adapter)

## Explanation:

**DPRO Controller**

**Dante® Controller**

**QSC® Q-SYS Designer Software**

This document describes the use of an AES67 multicast flow via Dante® Controller.

Q-SYS Designer Software v8.3.1 or higher supports Software-based Dante® for the Q-SYS Ecosystem.  
Please visit [www.qsc.com](http://www.qsc.com) for detailed information.

## Table of contents

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<b>1</b>	<b>Using DPRO Controller to find out current IP address of the device (or to change it)</b>	<b>3</b>
<b>2</b>	<b>Q-SYS Designer to setup/control Q-SYS control plugin in configuration</b>	<b>4</b>
<b>3</b>	<b>Parameters</b>	<b>6</b>
<b>4</b>	<b>AES67 in association via Dante® Controller</b>	<b>7</b>
<b>4.1</b>	<b>AES67 Receiver (DPRO Adapter Input)</b>	<b>9</b>

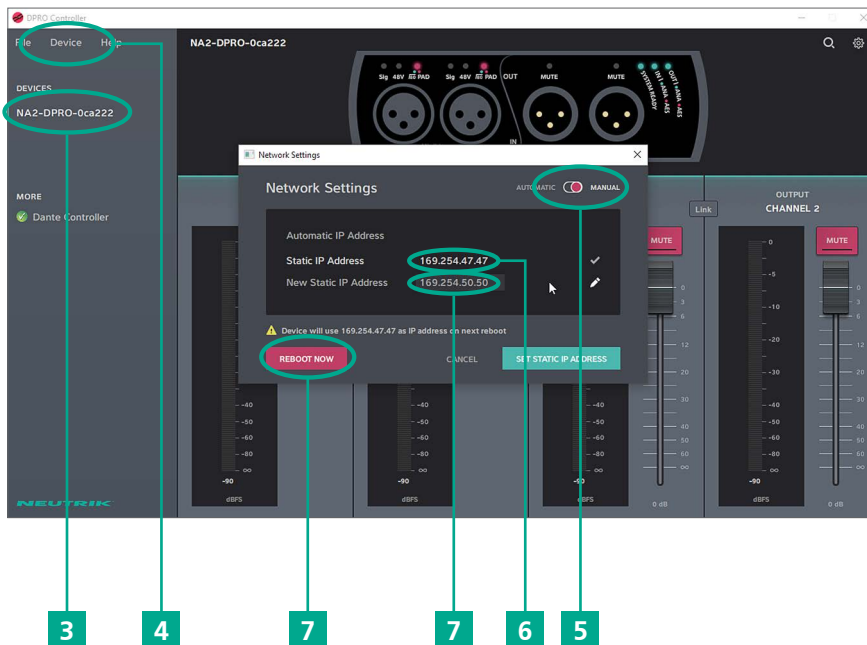
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**Note:** The Q-SYS Core has to be unplugged during the further steps

## 1. USING DPRO CONTROLLER TO FIND OUT CURRENT IP ADDRESS OF THE DEVICE (OR TO CHANGE IT)

- 1 Download the **DPRO Controller** from Neutrik's website: <https://www.neutrik.com/en/na2-io-dpro> and install it.
- 2 Open the DPRO Controller.
- 3 Select the DPRO Adapter in the sidebar.
- 4 In the menu: choose **Device** → **Network Settings**.
- 5 The actual Network Settings are shown in the popup window.
- 6 The default setting is **AUTOMATIC** (the actual IP Address is shown)
- 7 When switching to **MANUAL**: type in the Static IP Address and click **REBOOT NOW**.  
→ The DPRO Adapter will reboot
- 8 DPRO Controller has to be closed for further steps



## 2. Q-SYS Designer to setup/control Q-SYS control plugin in configuration

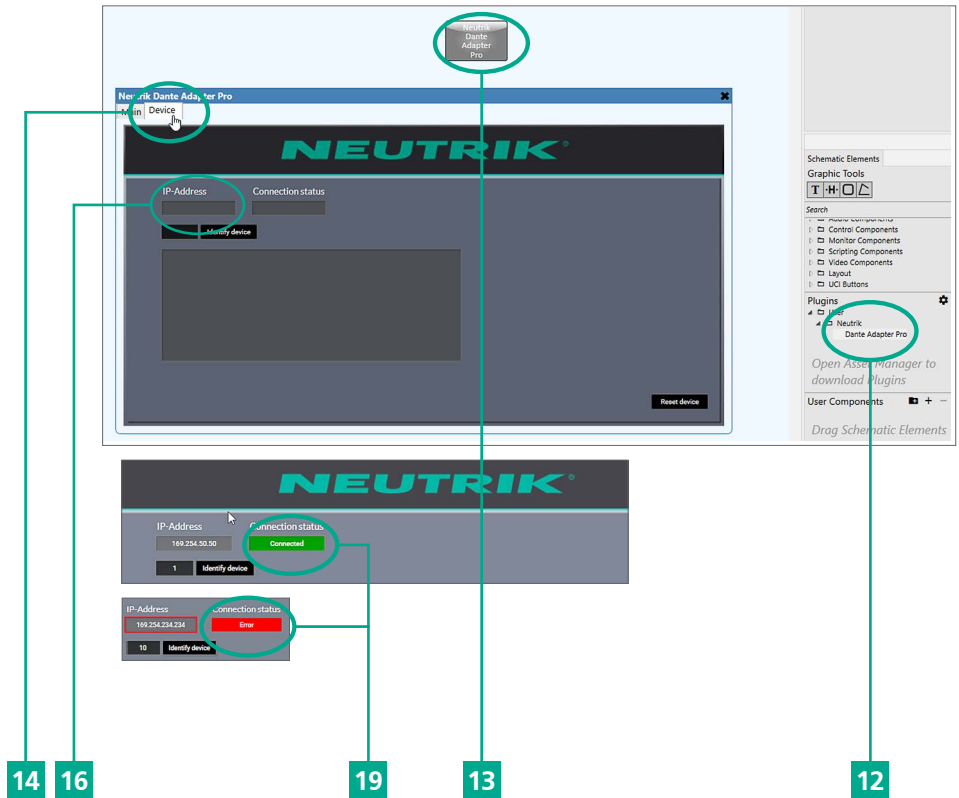
- 9** Download the **Neutrik-Dante®-Adapter-Pro** Plugin from the website:  
**<https://www.neutrik.com/en/na2-io-dpro>**  
The plugin is also directly available in Q-SYS asset manager
- 10** Double click on the icon to install it or just copy and paste the plugin into the plugin folder of Q-SYS Designer on the Computer.

**i** **Note: The Q-SYS Core has to be connected during further steps**

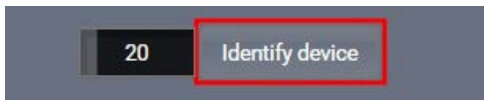
- 11** Open Q-SYS Designer.
- 12** Drag and drop the **Dante® Adapter Pro** from the plugins (bottom right sidebar)
- 13** Double-click the icon.
- 14** Go to **Device** tab in the pop-up menu.
- 15** Press F5 (Save to Core & Run).
- 16** Type in the specified IP-Address of the DPRO Controller (see step 5-7) into the empty field and click enter.
- 17** Press F7 (disconnect)
- 18** Press F5 (Save to Core & Run) again.

**i** **Note: The procedure from step 16 and 17 is a reboot (F5/F7) of the Q-SYS Designer, so that all changes take effect and has to be repeated when there is an IP address change.**

- 19** The **Connection Status** lights up in green and shows **Connected**. If it shows **Error**, then double-check the IP address from DPRO Controller



**20** Identify device button: The LEDs of XLR Inputs and XLR Outputs of the device flash up. The flashing time can be set manually from 10 seconds up to 120 seconds. (The default setting is 10 seconds).



**Note:**  
**Switchable contacts in the DPRO adapter work in two ways:**  
 → If the signal is analog, connect channel 1 and channel 2 (valid for input and output).  
 → If the signal is AES, connect channel 2 only (valid for input and output).

**21** I/O section during running from core:  
 → If there is no XLR connection to the DPRO, the I/O section is completely hidden.  
 → I/O section in the plugin will be displayed when there is a XLR connection to the DPRO Adapter.

### 3. PARAMETERS

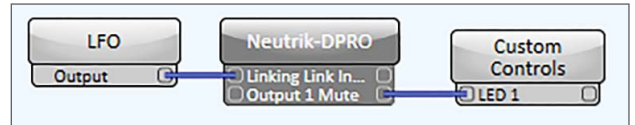
**22** Within Q-SYS plugin, various parameters related to DPRO operation can be chosen and routed according to user preference and used in the configuration.

**Properties**  
Dante Adapter Pro Properties

**Graphic Properties**  
Position: 125,20  
Fill: [Black]

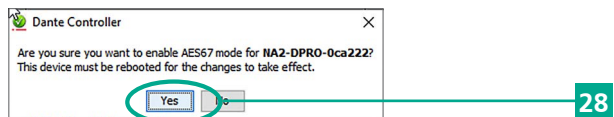
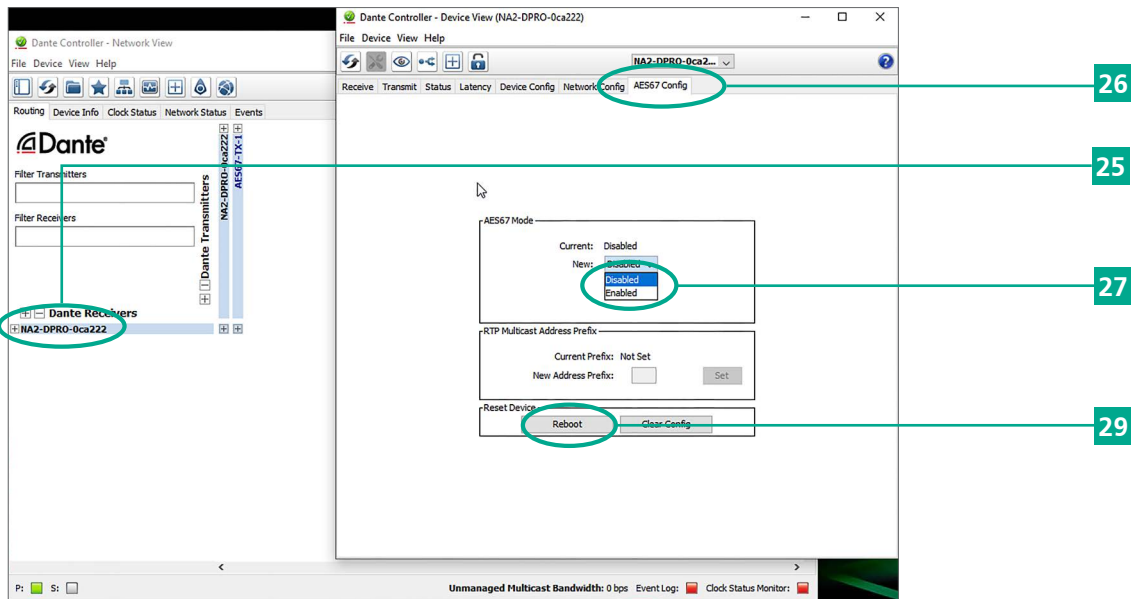
**Control Pins**

- Device
  - Identify
  - Identify Timeout (s)
  - IP Address
  - Reset
- Input 1
  - Gain
  - Highpass
  - Input Level
  - InputSignalLED
  - LowCutPadLED
  - Mic/Line
  - Pad
  - Phantom Power
  - PhantomLED
- Input 2
- Linking
  - Link Inputs**
  - Link Outputs
- Mode
  - Input 1 Mode
  - Input 2 Mode
  - Output 1 Mode
  - Output 2 Mode
- Output 1
  - Fader
  - Mute**
  - Output Level
- Output 2



#### 4. AES67 IN ASSOCIATION WITH DANTE CONTROLLER

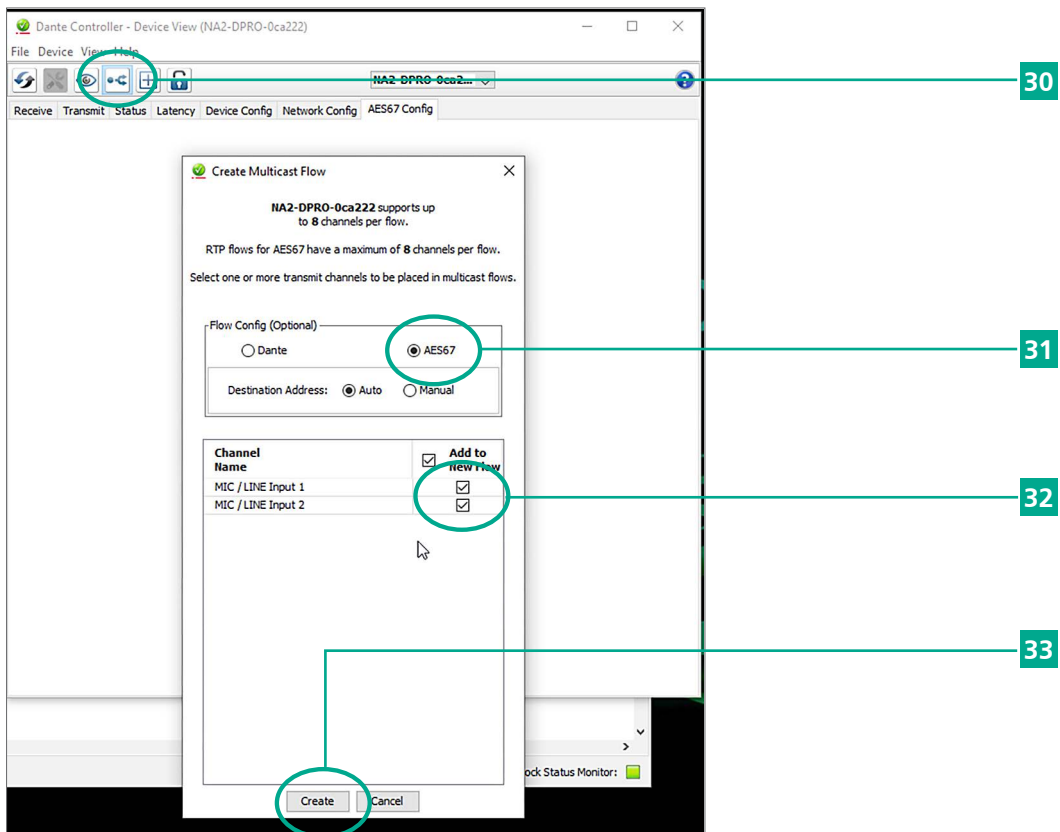
- 23** Download Dante® Controller from Audinate’s website:  
<https://www.audinate.com/products/software/dante-controller>
- 24** Open the **Dante® Controller**.
- 25** Doubleclick the **DPRO Adapter** in the left side menu.
- 26** Click on the **AES67 Config** tab.
- 27** Choose **Enabled** to set the device into AES67 Mode.
- 28** Click **Yes** to confirm.
- 29** Click **Reboot** for the changes to take effect.



- 30** Click on **Create a new multicast flow**.
- 31** Select **AES67** in the **Flow Config**.
- 32** Add all channels you want to send to your Q-SYS Designer.

**Note: Maximum of 8 channels is allowed per Multicast flow. The DPRO Adapter only supports 2 channels.**

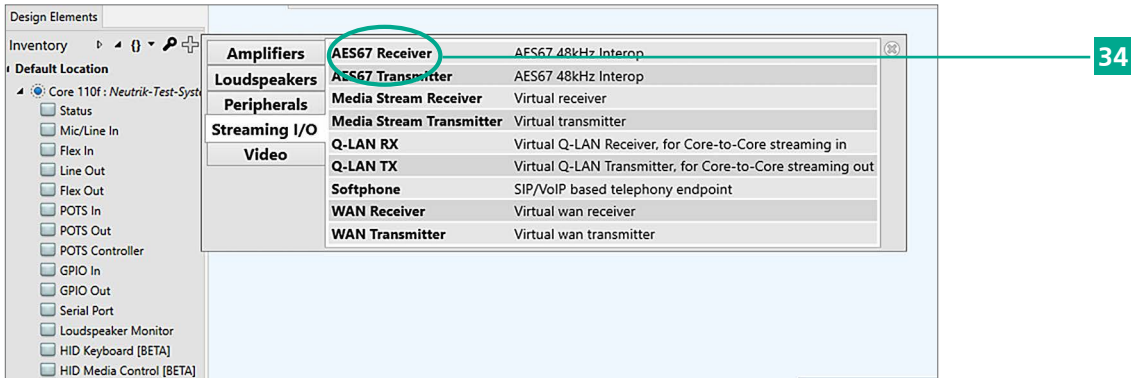
- 33** Click **Create**





#### 4.1. AES67 Receiver (DPRO Adapter Input)

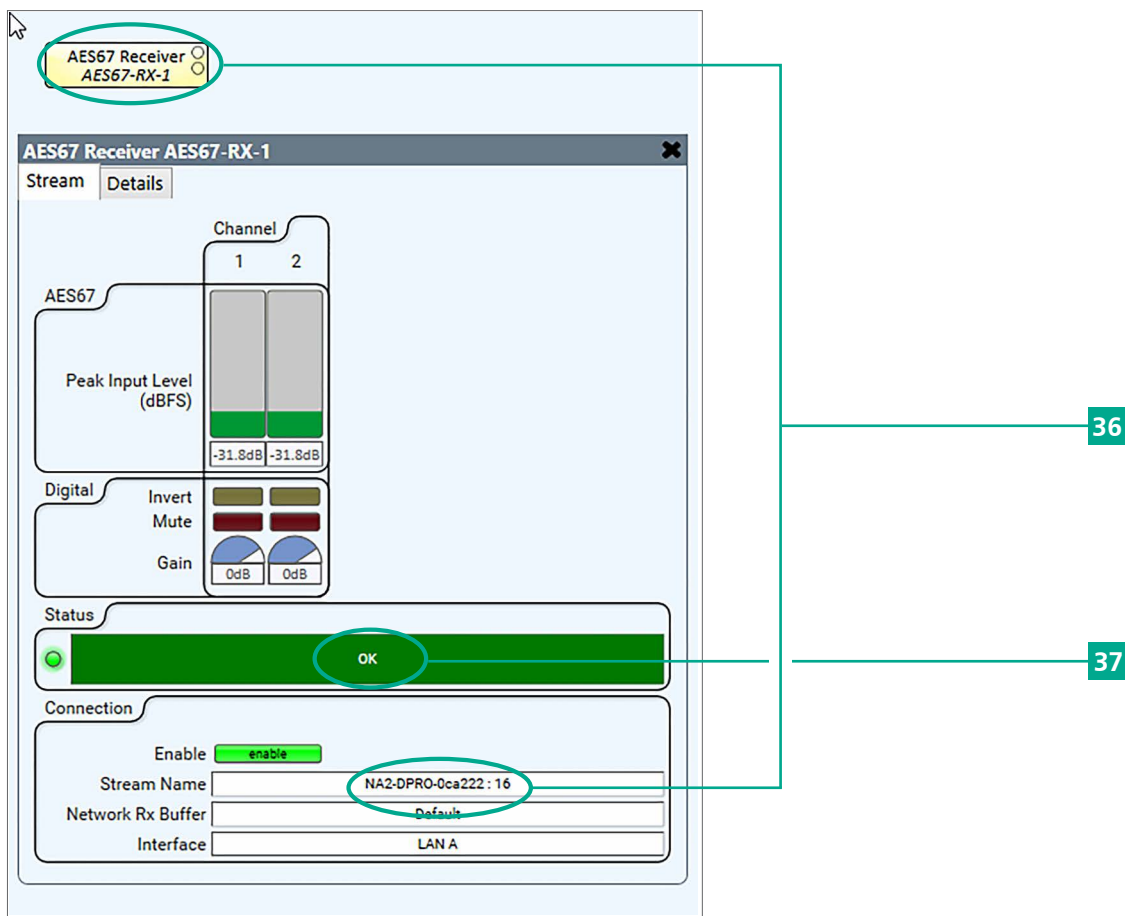
**34** Add the **AES67 Receiver** as a new inventory item.



**35** Press F5 (Save to Core & Run).

**36** Doubleclick the **AES67 Receiver** and select the **NA2-DPRO** on the **Stream Name**.

**37** The status should be **OK**. If it is not, then review the prior setup steps.





## Imprint

Subject to change due to technical advances! This user manual corresponds to the level of technology at the time the product was delivered and not the current stage of development at Neutrik.

If any pages or sections of this user manual are missing, please contact the manufacturer at the address listed below.

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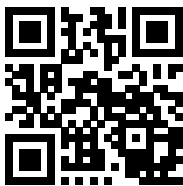
Neutrik® AG  
Im alten Riet 143  
9494 Schaan  
Liechtenstein

T: +423 2372424

F: +423 2325393

E: [neutrik@neutrik.com](mailto:neutrik@neutrik.com)

[www.neutrik.com](http://www.neutrik.com)



#### LIECHTENSTEIN (HEADQUARTERS)

Neutrik AG, Im alten Riet 143, 9494 Schaan  
T +423 237 24 24, F +423 232 53 93, neutrik@neutrik.com

#### GERMANY / NETHERLANDS / DENMARK / AUSTRIA

Neutrik Vertriebs GmbH, Felix-Wankel-Straße 1, 85221 Dachau, Germany  
T +49 8131 28 08 90, neutrik@neutrik.de

#### GREAT BRITAIN

Neutrik (UK) Ltd., Westridge Business Park, Cothey Way  
Ryde, Isle of Wight PO33 1 QT  
T +44 1983 811 441, sales@neutrik.co.uk

#### FRANCE

Neutrik France SARL, 52 rue d'aguesseau, 1er etage, 92100 Boulogne-  
Billancourt  
T +33 1 41 31 67 50, info@neutrik.fr

#### USA

Neutrik USA Inc., 4115 Taggart Creek Road, Charlotte, North Carolina, 28208  
T +1 704 972 3050, info@neutrikusa.com

#### JAPAN

Neutrik Limited, Yusen-Higashinibashi-Ekimae Bldg., 3-7-19  
Higashinibashi, Chuo-ku, Tokyo 103  
T +81 3 3663 47 33, mail@neutrik.co.jp

#### HONG KONG

Neutrik Hong Kong LTD., Suite 18, 7th Floor Shatin Galleria  
Fotan, Shatin  
T +852 2687 6055, sales@neutrik.com.hk

#### CHINA

Ningbo Neutrik Trading Co., Ltd., Shiqi Street, Yinxian Road West  
Fengjia Villiage, Hai Shu District, Ningbo, Zhejiang, 315153  
T +86 574 88250833, sales@neutrik.com.cn

#### INDIA

Neutrik India Pvt. Ltd., Level 3, Neo Vikram, New Link Road,  
Above Audi Show Room, Andheri West, Mumbai, 400053  
T +91 982 05 43 424, anklesaria@neutrik.com

#### ASSOCIATED COMPANIES

##### Contrik AG

Steinackerstrasse 35, 8902 Urdorf, Switzerland  
T +41 44 736 50 10, contrik@contrik.ch

##### H. Adam GmbH

Felix-Wankel-Straße 1, 85221 Dachau, Germany  
T +49 08131 28 08-0, anfrage@adam-gmbh.de



[www.neutrik.com](http://www.neutrik.com)