nexgen systems

antFX

Quickstart Guide

INTRODUCTION

Thank you for purchasing a NEXGEN antFX. This guide will get you started using your antFX.

The NEXGEN product you have just purchased is designed to give you the highest reliability and are fully compatible with other CRMX products in entertainment lighting. Through this, you can expand your wireless system with units from our other product lines as well as with those others who use CRMX technology. For the latest updates, please visit our website www.nexgenau.com

antFX CONTROL PANEL

See the operation section for details on how to link and unlink antFX units.

LED indicators

Power, DMX, Status, (See below)

Link button

press to link with, or unlink from, another unit.

Level indicators

Green 60%- 100%

Orange 20%-60%

Red no link or problem

DMX

DMX signal present

Status LED

See linking and mode section below



nexgen systems

antFX Quickstart Guide

POWER ON/OFF

The antFX is auto powered on once USB is plugged in.

LINKING

antFX can be linked with any other LumenRadio CRMX product.

LINKING

Power on the antFX you would like to connect.

Configure the antFX flex mode
(see instructions below)

Ensure that the Status LED indicators on all receivers are off to indicate that the receivers are ready to be linked.
(If necessary, follow the unlink procedure.)

On the transmitter, press and release the link button.

The transmitter will search for any unlinked receivers. Its Status LED indicator will flash for 10 seconds and normal operation will resume.

UNLINKING

Unlink one:
On the receiver, press and hold its link button for more than 3 seconds (until STATUS LED is lit) to unlink it from a transmitter. The Status LED indicator will turn off.

Unlink all:
On the transmitter, press and hold its link button for more than 3 seconds (until STATUS LED is lit) to unlink all of its receivers.

FLEX MODE

antFX offers the flexibility to operate as either a transmitter or a receiver.
When the radio module is in either transmitter or receiver mode, follow this procedure to change modes:

1. Five short pushes followed by one long push will enter flex mode selection.
2. Now the status LED will start flashing to indicate the currently selected flex mode (refer to diagrams below for details).
3. Each short push will toggle the currently selected mode.
4. To save the selection, perform a long push. This will save the selection and reinitialise the unit.

If no selection is made within 15 seconds from the last push, mode selection will be cancelled and normal operation will resume in the previously selected flex mode.



Flashing slow: transmitter mode selected



Flashing fast: receiver mode selected

nexgen systems

antFX Quickstart Guide

CONNECTORS

The antFX uses a 3.5mm jack connector with the supplied adaptor converts to a standard 5 pin XLR.

USB is a standard USB micro connector.

*** WARNING ***
Please make sure the DMX jack is connected to the antFX prior to connecting DMX console via XLR.

FIRMWARE UPDATES

The firmware on the antFX can be updated over-the-air using bluetooth from the CRMX Toolbox app. For details about updates, please contact support.

CRMX Toolbox¶

The CRMX Toolbox app is the best way to control and configure your antFX from the palm of your hand. Using the CRMX Toolbox app you can quickly identify your antFX, conduct firmware updates, toggle between receiver and transmitter mode, change output power level and much more.

GET IT ON Google Play

Download on the App Store

SWITCHING BLUETOOTH ON/OFF

Press and release the link button. Then immediately press and hold the button for three seconds.

MANUAL RESET OF PIN CODE

Press and release the link button seven times in succession. Then immediately press and hold the button for three seconds. You have now successfully reseted the pin code.

TECHNICAL SPECIFICATIONS

RF CHARACTERISTICS

- Operational frequency range: 2402-2480 MHz
- Output power levels: 15mW, 40mW, 100mW

POWER

- Low voltage input: 5V DC
- DMX: via 3.5mm jack adaptor
- Antenna: 2dBi
- DC: Micro USB

SUPPORTED PROTOCOLS

- USITT DMX512,
- DMX512(1990) & DMX512-A
- Bluetooth 5.0
- Compatible with all CRMX products