



Users Manual / Gebrauchsanleitung / Manuale di istruzioni MODEL NO: FP5-E27 (EU) / FP5-E26 (US/MIC) /FP5-B22 (GB)

### CONTENTS / LIEFERUMFANG / CONTENUTO

1: NYX Bulb 2: USB DC Cable / *USB DC Kabel* / Cavo USB DC

## 3: Users Manual / Gebrauchsanleitung / Manuale di istruzioni PRODUCT OVERVIEW / PRODUCTÜBERSICHT / PANORAMICA DEI PRODOTTI



### THE NYX BULB: USING / BEDIENUNG / OPERAZIONE

### 1. Control options / Steuerungsoptionen / Opzioni di controllo

On/Off, static color via "blue mode", Reset settings ON/OFF Ein/Aus, feste Farbe über "blue mode", Einstellungen zurück-

On/Off, colore fisso tramite "modalità blu", impostazioni di reset

- On/Off, Static Colors, Preprogrammed Effects Ein/Aus, statische Farben, vorprogrammierte Effekte On/Off, colori statici, effetti pre-programmati
- All settings, Complex effects, Talkback+, Updates Alle Einstellungen, Komplexe Effekte, Talkback+, Updates
  Tutte le impostazioni, effetti complessi, Talkback+, Updates
- Control from DMX consoles via CRMX or W-DMX

# Steuerung per DMX-Konsolen über CRMX oder W-DMX Controllo tramite console DMX via CRMX o W-DMX

### 2. Switching On/Off / Ein-/Ausschalten / Accensione e spegnimento



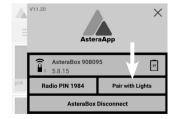
### 3. Pairing -> AsteraApp

Turn the NYX Bulb into "blue mode" by holding down the power button for 3 seconds

Schalten Sie die NYX-Birne in den "blue mode", indem Sie den Ein-/Aus

Knopf 3 Sekunden lang gedrückt halten. Commutare la lampadina NYX in "blue mode" tenendo premuto il pulsante di accensione per 3 secondi





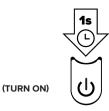
### 4. Static Colors

Turn NYX Bulb into "blue mode" by holding down the power button for 3 seconds. Press the button shortly to cycle between 13 predefined colors and white tones. To latch chosen color, hold the button until blinking

Schalten Sie die NYX Bulb in den "blue mode", indem Sie den Ein/ Ausschalter 3 Sekunden lang gedrückt halten. Nun können Sie mit jedem weiteren Tastendruck aus 13 voreingestellten Farben und Weisstönen wählen. Um die gewählte Farbe festzulegen, halten Sie die Taste ge drückt, bis die Farbe konstant leuchtet.

Commutare la NYX Bulb in "modalità blu" tenendo premuto l'interruttore on/off per 3 secondi. Ora è possibile scegliere tra 13 colori preimpostati e tonalità del bianco ad ogni ulteriore pressione del tasto. Per impostare il colore selezionato, tenere premuto il pulsante fino a quando il colore 5. Reset and Linking to a CRMX transmitter

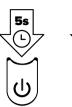
#### **STEP 1: NYX BULB** STEP 1: ART7





STEP 3: NYX BULB

**STEP 4: ART7 PANEL** 







RESET to unpair and set Control Input to auto detection mode

RESET zum entkoppeln und Steuereingang auf automatischen Erkennungsmodus setzen RESET zum entkoppeln und Steuereingang auf automatischen Erkennungsmodus setzen RESET per disaccoppiare e impostare l'ingresso di controllo sul modo di rilevamento



### **INTRODUCTION / INTENDED USE**

The Astera NYX Bulb FP5 is a professional 1 pixel RGB+Amber+Mint LED illuminant with ultra high TLCI/ CRI and calibrated color rendering as well as Astera's flicker free PWM technology.

Built-in CRMX, Bluetooth and RF-Modules provide the same connectivity

known from other Astera fixtures. Numerous professional features and mounting options make the NYX Bulb a versatile lightsource for the Film, Broadcast Event industries and decorative purposes

Broadcast, Event industries and decorative purposes.
It can be powered by AC from a E26/ E27/B22 socket as well as by wide range DC from e.g. a USB Powerbank or the optionally available battery

This device was designed for indoor and outdoor use - outdoor only with plugged in rubber on DC socket.

Do not shake the device. Avoid brute force when installing or operating the device.

When choosing the installation-spot, please make sure that the device is not exposed to extreme heat or dust

There should not be any cables lying around. You endanger your own and the safety of others! The ambient temperature must be set . Keep away from direct insulation

(particularly in cars) and heaters. Never use the device during thunderstorms connected to a powe socket. Over voltage could destroy the device. Always disconnect the

Make sure that the area below the installation place is blocked when

rigging, derigging or servicing the fixture.

Always fix the fixture with an appropriate safety bond.

The specified ambient temperature must be maintained

Operate the device only after having become familiarized with its func-

Device is not dimmable. Use Astera PowerStation or AsteraApp for

Please use the transportation cases or original packaging if the device is to be transported.

Please consider that unauthorized modifications on the device are forbidden due to safety reasons!

If this device will be operated in any way different to the one described in this manual, the product may suffer damages and the guarantee becomes void. Furthermore, any other operation may lead to dangers like shortcircuit, burns, electric shock, crash etc.

### SAFETY INFORMATION

Before you operate this unit read the manual carefully. Always make sure to include the manual if you pass/ rent/ sell the unit to another user. Keep in mind that this manual cannot address all possible dangers and ments. Please use your own caution when operating.

- This product is for professional use only. It is not for household use. Do not operate the unit in areas of high temperature conditions or under direct sunlight.
  - It will cause abnormal function or damage the product. Make sure the unit is mounted properly and safely.
  - Always follow local safety requirements. Please note that the mechanical stability of certain lamps and lampholders may be altered and contact and hold may be impaired if the newly inserted lamp is heavier than the original
  - Suitable for damp locations
  - · Do not use with standard dimmers



Do not open the product housing.

Do not apply power if the light is damaged. Do not submerge the light into any liquid. Do not replace the LED light source.



The NYX Bulb and its power supply shall be installed near the socket-outlet which shall be easily accessible.
Warning electric shock: risk of - Do not open power unit, for

The exterior surfaces of the light can become hot, up to 70°C (158°F) during normal operation.

• Ensure that accidental physical contact with the device is



- Do not cover the light.
  Allow all lights to cool before touching.
- Keep 0.3m (12in) from objects to be illuminated.

### **CLEANING AND MAINTAINING**



Caution: Liquids entering the housing of the device can cause a short circuit and damage the electronics. Do not use any cleaning agents or solvents.

### TROUBLESHOOTING

Problem	Possible cause	Solution
The fixture does not turn on	The fixture maybe is not connect to power	Connect it to a E26/E27 socket , PowerStation or power bank to try again
The fixture turns on but the LEDs do not emit light	The fixture could be set to BLACKOUT mode	Set to display black color or is operating in DMX mode and doesn't receive a valid signal. It is good practice to do a RESET SETTINGS
The fixture is not working correctly - it does not display the color or effect chosen	The fixture may still be operating under a previous setting	It is good practice to do a RESE SETTINGS between setups

### **SPECIFICATIONS - TECHNICAL DATA**

Item Code	FP5-E27 (EU) / FP5-E26 (US/MIC) /FP5-B22 (GB)	
Colors	RGBMintAmber	
Total LED Power / Power Draw	14W / 10W	
Luminous Flux*	750lm (@4000K)	
CRI(RA)/TLCI 3200-6500K*	≥96	
Strobe	0 - 25 Hz	
AC Power input E27/B22	100-240VAC, 50/60Hz, ta:40°C	
AC Power input E26	100-120VAC, 50/60Hz, ta:40°C	
DC Power input	5-18VDC, 2.1A via DC socket	
Wired DMX	No	
CRMX Receiver	Built in	
Dimensions (mm / inches)	Ø70 x 130 / Ø2.76 x 5.12	
Ingress Protection	IP44: connected via AC + Rubberplug in DC socket IP20: connected via DC socket	
	*T!!	

\*Typical value

### MANUFACTURER DECLARATION

Hereby, Astera LED Technology GmbH declares that the type of radio equipment NYX Bulb FP5-E27 complies with Directive 2014/53 / EU. The full text of the EU Declaration of Conformity is available at the following Internet address: https://astera-led.com/Downloads/DoC/DoC NYXBulb.

FP5 -E26: Astera LED Technology GmbH declares that this equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be deter-mined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- · Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
  Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

- Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this
- · This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and

(2) This device must accept any interference received, including interference that may cause undesired operation.

ECC RE Radiation Exposure Statement Caution: To maintain compliance with the FCC's RF exposure guidelines, place the product at least 20cm from nearby persons.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.



Astera LED-Technology GmbH Stahlaruberrina 36 81829 Munich Germany info@astera-led.com | www.astera-led.com