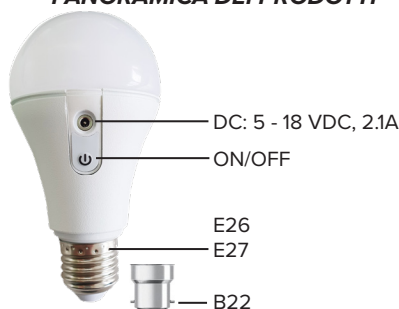## ASTERA

English

Deutsch

Italiano

NYX BULB

Users Manual / *Gebrauchsanleitung* / *Manuale di istruzioni*
MODEL NO: FP5-E27 (EU) / FP5-E26 (US/MIC) /FP5-B22 (GB)
MANUAL VERSION: 1.2 --- DATE OF ISSUE: 25/08/2020

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*

DC: 5 - 18 VDC, 2.1A
ON/OFF
E26
E27
B22

THE NYX BULB: USING / *BEDIENUNG / OPERAZIONE*

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

ON/OFF On/Off, static color via "blue mode", Reset settings
Ein/Aus, feste Farbe über „blue mode", Einstellungen zurücksetzen
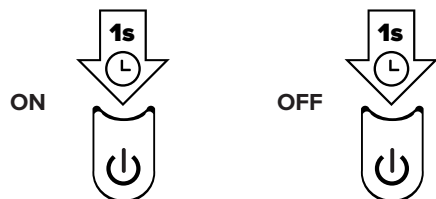On/Off, colore fisso tramite „modalità blu", impostazioni di reset

IR On/Off, Static Colors, Preprogrammed Effects
Ein/Aus, statische Farben, vorprogrammierte Effekte
On/Off, colori statici, effetti pre-programmati

App All settings, Complex effects, Talkback+, Updates
Alle Einstellungen, Komplexe Effekte, Talkback+, Updates
Tutte le impostazioni, effetti complessi, Talkback+, Updates

DMX 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

ON   **OFF**

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.

AsteraApp
AsteraBox 908095
5.8.15
Radio PIN 1984 | Pair with Lights
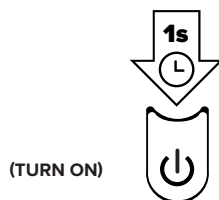AsteraBox Disconnect

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 stops.
Schalten Sie die NYX Bulb in den „blue mode", indem Sie den Ein/ Aus-schalter 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 gedrückt, 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 pressione del tasto. Per impostare il colore selezionato, tenere premuto il pulsante fino a quando il colore non è solido.

---

5. Reset and Linking to a CRMX transmitter

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

1s

(TURN ON)

STEP 3: NYX BULB   **STEP 4: ART7 PANEL**

5s   x1   +   10 sec

WAIT

RESET to unpair and set Control Input to auto detection mode
RESET zum entkoppeln und Steuereingang auf automatischen Erkennungsmodus setzen
RESET per disaccoppiare e impostare l'ingresso di controllo sul modo di rilevamento automatico

--- English ---

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.
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 powered Astera PowerStation.

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 power socket. Over voltage could destroy the device. Always disconnect the device during thunderstorms.
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 functions.
Device is not dimmable. Use Astera PowerStation or AsteraApp for dimming.

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 environments. 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 lamp.
- 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.
- Caution, risk of electric shock.

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 indoor use only.

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 impossible.
- Install only in ventilated locations.
- 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 RESET 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

*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.pdf

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.

FCC Caution:
- Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.
- 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.

FCC RF 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.