

QUIK BEAM



User Manual

ORDER CODE:
AST-QUKBM
MANUAL VERSION: DEMO
DATE OF ISSUE: 03.11.2025



www.astera-led.com/quikbeam

NOTE / XYXY / XYXY
QuikBeam is available with and without a battery. Information in this user manual that only applies to QuikBeam with a battery is marked as follows: highlighted in color. All other information applies to both product variants. **XYXY** **XYXY**

CONTENT / INHALT / ENTITÀ DELLA FORNITURA
1: QuikBeam with battery (AST-QUKBM-STD)
2: QuikBrick (AST-QUKBM-QBK)
3: User Manual / Benutzerhandbuch / Manuale utente
1: QuikBeam without battery (AST-QUKBM)
2: User Manual / Benutzerhandbuch / Manuale utente

PRODUCT OVERVIEW / PRODUKTÜBERSICHT / PANORAMICA DEL PRODOTTO

USAGE / VERWENDUNG / UTILIZZO

1. Integrated control panel / Integriertes Bedienfeld / Pannello di controllo integrato
Use the menu buttons to navigate through the main menu. Settings for color adjustment and brightness / runtime are directly accessible by two symbol buttons.

Top navigation / In der Hauptnavigation / Navigazione superiore	Inside Main Menu / Im Hauptmenü / Navigazione superiore
On/Off / Ein/Aus /	
Main Menu / Hauptmenü aufrufen / Menu principale	Back to previous menu / Vorheriger Menüpunkt / Ritorno al menu precedente
Reset Settings / Einstellungen zurücksetzen / Reset impostazioni	Scroll down / Nach unten scrollen / Scorrimento verso il basso
Change Input Select / Eingangssignal ändern / Modifica del segnale di ingresso	Scroll up / Nach oben scrollen / Scorrimento verso l'alto
Set DMX Address / DMX-Adresse einstellen / Impostazione indirizzo DMX	Choose/Confirm / Auswählen/Bestätigen / Selezione/Conferma
Color adjustment / Farbeinstellung / Regolazione colore	
Brightness and runtime control / Helligkeits- und Laufzeiteinstellung / Controllo tempo di funzionamento e luminosità	

2. More control options / Weitere Steuerungsoptionen / Altre opzioni di controllo

IR On/Off, Static Colors, Preprogrammed Effects, BlueMode / Ein/Aus, statische Farben, vorprogrammierte Effekte, BlueMode / On/Off, colori statici, effetti pre-programmati, BlueMode
APP All settings, Complex effects, Talkback+, Updates / Alle Einstellungen, komplexe Effekte, Talkback+, Updates / Tutte le impostazioni, effetti complessi, Talkback+, aggiornamenti
DMX Control from DMX consoles via 5 Pin XLR DMX cable / Steuerung über DMX-Pulte via XLR DMX-Kabel 5-polig / Controllo da console DMX tramite cavo XLR DMX a 5 pin

3. Fan control / Lüftersteuerung / Controllo ventola

QuikBeam has a built-in fan that can be controlled as follows. Navigate to Fan Control menu. There you can choose between the following settings:

OFF:	The fan always remains switched off. If the light becomes too hot, the brightness is gradually reduced. (Ambient temperature dependent) Der Lüfter bleibt ausgeschaltet. Wenn die Leuchte zu heiß wird, wird die Helligkeit allmählich reduziert. (Abhängig von der Umgebungstemperatur) La ventola resta sempre spenta. Se la luce si riscalda eccessivamente, la luminosità si ridurrà gradualmente in funzione della temperatura ambiente.
AUTO:	The fan starts on demand and switches between the three speeds as required. This is the default setting. Der Lüfter startet bei Bedarf und schaltet je nach Bedarf zwischen den drei Geschwindigkeiten um. Dies ist die Voreinstellung. La ventola si avvia su richiesta e alterna le tre velocità secondo necessità. Questa è l'impostazione di default.
LOW:	Different speeds. The light never changes them by itself, but if the speed is too low, the brightness is gradually reduced. (Ambient temperature dependent) Unterschiedliche Geschwindigkeiten. Die Leuchte ändert sie nie von selbst, aber wenn die Geschwindigkeit zu niedrig ist, wird die Helligkeit allmählich reduziert. (Abhängig von der Umgebungstemperatur)
MED:	Velocità differente. La luce non le modifica mai autonomamente, ma se la velocità è troppo bassa, la luminosità si ridurrà gradualmente (in funzione della temperatura ambiente).
HIGH:	

4. Switching On/Off / Ein-/Ausschalten / Accensione/Spegnimento

The QuikBeam can be powered with an Ethernet cable connected via PoE+/PoE++ or via the replaceable QuikBrick, an Astera battery for QuikBeam. For more information about QuikBrick, please refer to its user manual.

A new QuikBeam with battery needs a few seconds of charge to disable its shipping mode before it can be switched on.



5. OutputGain / OutputGain / OutputGain

OutputGain enhances QuikBeam's brightness, providing maximum output for events and stage use. This feature is activated by default in the device menu. When perfect skin tones or natural color rendering is essential (e.g., film or TV), simply turn off OutputGain to optimize color quality. To activate/deactivate, call up the device menu and toggle OutputGain on or off. Note: QuikBeam remembers the OutputGain setting, but sets it back to "On" after a factory reset.

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6. Charging / Laden / Ricarica

While the Ethernet cable is connected, the display shows the charging status. Charge immediately when the battery is empty. Do not store the unit when the battery is empty. Charging time is approximately 2 h 30 min.

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7. Connect BTB / Mit BTB verbinden / Collegamento di BTB

To control your lights with the AsteraApp, first connect a Bluetooth Bridge (BTB). It forwards the AsteraApp signal to paired lights. You may use an AsteraBox as BTB or choose a light with built-in BTB, like QuikBeam, AX9, NYX Bulb, PixelBrick, Titan Tube BTB, Helios Tube AX9.

Connect AsteraBox as BTB / Mit AsteraBox als BTB verbinden / Collegamento dell'AsteraBox come BTB

Please power on the AsteraBox. Connect the AsteraBox directly from the AsteraApp main menu by following the instructions there.

Connect a light as BTB / Mit Leuchte als BTB verbinden / Collegamento della luce come BTB

Please note: This ONLY works for Astera lights with built-in Bluetooth. For all other Astera lights, please use an AsteraBox as BTB.

Please power on the light. Hold down the power button for 3 seconds until the light flashes blue. In the AsteraApp press: "Manage Bluetooth Bridges", then "+" and follow instructions on screen to connect. The light which is connected as BTB shows a small Bluetooth icon in the display.

8. Pair with lights / Mit Leuchten koppeln / Associazione con luci

Power on the light. Then hold down the power button for 3 seconds until the light flashes blue. Go to "Pair with Lights" dialog in the AsteraApp. Then press OK. (Alternatively, if the light is connected to a NetBox or NetStation, press the BlueMode button on the NetBox/NetStation.)
Die BTB der Leuchte ist mit der AsteraApp verbunden.
I BTB delle luci è collegato ad AsteraApp.
The BTB is enabled and waiting for a connection.
Die BTB ist aktiviert und wartet auf eine Verbindung.
I BTB è abilitato e in attesa di un collegamento.
To disable the BTB again press UNBOND BLUETOOTH.
Um die BTB zu deaktivieren, drücken Sie UNBOND BLUETOOTH.
Per disabilitare di nuovo il BTB premere UNBOND BLUETOOTH (sceglia bluetooth).

9. Linking to a CRMX transmitter / Verbindung mit einem CRMX-Transmitter / Collegamento a un trasmettitore CRMX

Power on the light. Then hold down the power button for 3 seconds until the light flashes blue. Go to "Pair with Lights" dialog in the AsteraApp. Then press OK. (Alternatively, if the light is connected to a NetBox or NetStation, press the BlueMode button on the NetBox/NetStation.)
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10. Reset / Reset / Reset

RESET sets "Input Select" to "AUTO", runtime to 5h and OutputGain to "ON".

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11. Rigging / Montage / Installazione

QuikBeam offers 1/4" and 3/8" threads on the back and a 1/2" thread plus 1/2" hole on its removable yoke for mounting accessories. Accessories with single-stud fittings can be attached to the AirlineTrack at the bottom of the yoke. Ensure both sides click into place when sliding in the yoke.

The 1/4" and 3/8" threads on the back can also be used to attach a safety eyelid. Astera's EyeBolt 1/4" (AST-EBLT-1/4") is sold separately and fits the 1/4" thread. Only properly rated and approved safety eyelids may be used, and one must always be installed when the fixture is hung. Always secure the fixture with a safety wire attached to the eyelid and ensure it cannot drop more than 20 cm if the primary mounting fails.

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12. Removable Yoke / Abnehmbarer Bügel / Staffa rimovibile

Pull the quick release pin outward to remove the yoke. When sliding in the yoke, make sure both sides click into place.

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13. Kickstand / Federständer / Cavalletto

Press the button, the kickstand will jump out. Adjust the kickstand while holding the button pressed. Rotate the kickstand for fine-tuning.

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14. Manual Zoom / Manueller Zoom / Zoom manuale

QuikBeam provides a manual zoom range of 13°-60°, with additional travel beyond the 13° stop for HotBeam. Adjust the zoom by turning the upper part of the fixture. Two tactile and audible clicks indicate the 30° and 13° positions.

Rotating past the 13° stop engages HotBeam, an extended QuikTurn position that concentrates the beam, increases light output, and produces a narrower beam suitable for uplighting. Beam distribution and quality in HotBeam differ from the standard QuikTurn range.

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15. Optional Accessories / Optionales Zubehör / Accessori opzionali

Barndoor for QuikBeam (AST-QUKBM-BD) / Torbende für QuikBeam (AST-QUKBM-BD) / Parallax for QuikBeam (AST-QUKBM-PD)

Attach the barndoor to QuikBeam and secure it to the lamp using the safety wire and SafetyLink; press the locking button, insert the safety wire fully and release the button.

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16. SafetyLink / Sicherheitslink / SafetyLink

SafetyLink for Barndoor / SafetyLink für Torbende / SafetyLink per parallax

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17. Rotatable Elliptical Filter / Rotierbare Elliptische Linse / Filtratore ellittico ruotabile

Attach the filter to QuikBeam and secure it to the lamp using the safety wire and SafetyLink; press the locking button, insert the safety wire fully and release the button.

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18. Use threads on the backside for safety eyelids. / Verwenden Sie die Gewinde auf der Rückseite für Sicherheitsaugenklappen. / Utilizzare i filetti sul retro per le protezioni oculari.

Please check the safety regulations in your region.

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19. Disposal / Entsorgung / Smaltimento

The light may contain a removable lithium ion battery. Don't throw the unit into the garbage at the end of its lifetime.

Make sure to dispose of according to your local ordinances and/or regulations, to avoid polluting the environment.

The packaging is recyclable and can be disposed of accordingly.

20. Manufacturer Declaration / Herstellererklärung / Dichiarazione del produttore

Hereby, Astera LED Technology GmbH declares that the type of radio equipment QuikBeam 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/quikbeam.

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 energy 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 determined 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.

INTRODUCTION / INTENDED USE

The QuikBeam by ASTERA is a zoomable, Fresnel-based LED fixture designed for professional use in the event and film industry. The unit is intended for direct or indirect illumination of people, objects, or scenery. The QuikBeam uses ASTERA's Titan LED engine, providing high color rendering performance. It produces white and colored light, and the color temperature can be adjusted over a wide range. The unit can be powered via Power over Ethernet (PoE+/PoE++) or by using the swappable battery (AST-QUKBM-QBK).

The QuikBeam can be controlled using the AsteraApp, wired DMX over Ethernet (Art-Net/sACN), or wireless CRMX. It can also be operated via the integrated display or an infrared remote control. Settings can be monitored and modified through wireless RDM. With its built-in Bluetooth module, the unit can function as a Bluetooth Bridge (BTB).

The QuikBeam can be used in a standing or hanging position. It is equipped with a kickstand, 1/4" and 3/8" mounting threads. The removable yoke includes a 3/8" thread and a 1/2" hole for attaching suitable mounting accessories. The QuikBeam is suitable for indoor and outdoor use and has an IP65 rating (only with QuikBrick Cover (AST-QUKBM-QBK-CR) in place).

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. Avoid direct sunlight for longer periods of time.

The specified ambient temperature must be maintained. Keep away from direct insulation (particularly in cars) and heaters. Never use the device connected to the power mains during thunderstorms. Overvoltage 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 wire.

Operate the device only after having become familiarized with its functions. Please consider that unauthorized modifications on the device are not allowed due to safety reasons! If this device is operated in any way different from what is described in this manual, the device may suffer damage, and the warranty may be void. The disclaimer includes all damages, liability or injury resulting from failure to follow the instructions in this manual. Furthermore, any other operation may lead to dangers like short circuits, burns, electric shock, crashes etc. This device is not for household use and is not suitable for permanent installation.

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. Please use your own caution when operating. This product is for professional use only. It is not for household use.

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. 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 may cause abnormal behavior or damage the product.

Always use a suitable safety wire when mounting the light overhead.

Connect the safety wire only to the intended safety mount.

Always follow local safety requirements.

Li-Ion Battery: If the unit is operated with QuikBrick for QuikBeam (AST-QUKBM-QBK) - a rechargeable lithium-ion battery - the following safety instructions apply. The battery is removable and not permanently installed.

Only qualified personnel may replace the battery.

Do not disassemble or modify.

Do not short-circuit.

Do not place in fire or heat.

Do not dispose in fire.

Do not use or charge the light if it is damaged.

Avoid bumping or plunging. It may cause fire or explosion.

Never store the battery when fully drained. Always recharge immediately when empty. Please do not charge unattended.

Make sure to fully charge all units before storing them.

Partially charged batteries will lose capacity.

Fully recharge every 6 months if not used.

The battery may only be replaced with an original spare part from Astera.

Follow applicable laws and regulations for transport, shipping, and disposal of batteries. For details on recycling lithium, lithium-phosphate, and lithium-ion batteries, please contact a government recycling agency or your waste-disposal service.

Always charge with flight case open.

It is recommended to charge at a temperature between 15°C and 35°C.

Warning: In extreme cases, abuse or misuse of standard/rechargeable batteries can lead to:

• Explosion

• Fire development

• Heat generation or smoke and gas development.

Do not look directly into the light. It can cause harm to your eyes.

Do not look into the light source with a magnifying glass or any other optical instrument that may concentrate the light output.

Use only Astera approved accessories to diffuse or modify the light beam.

Do not open the product housing.

Do not apply power if the unit is damaged.

Do not submerge the unit into any liquid.

Do not replace the LED light source.

Caution, risk of electric shock.

The exterior surfaces of the unit 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 unit.

Allow all lights to cool before touching.

Keep 0.3 m (12") 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. Only clean using a soft damp cloth.

SECONDARY SAFETY MOUNTING

The QuikBeam must always be secured by a safety wire when used in a hanging position. If the primary suspension fails, the device must not fall more than 20cm.

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EyeBolt 1/4" (AST-EBLT-1/4) / EyeBolt 1/4" (AST-EBLT-1/4) / EyeBolt 1/4" (AST-EBLT-1/4)

(sold separately) / (gesondert erhältlich) / (in vendita separatamente)

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FlexCover White/Mirror for QuikBeam (AST-QUKBM-FLXCVR-MIR-B / AST-QUKBM-FLXCVR-MIR-B) / FlexCover White/Mirror for QuikBeam (AST-QUKBM-FLXCVR-MIR-B) / FlexCover White/Mirror for QuikBeam (AST-QUKBM-FLXCVR-MIR-B)

(sold separately) / (gesondert erhältlich) / (in vendita separatamente)

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SPECIFICATIONS - TECHNICAL DATA

Order Code	AST-QUKBM-STD)
LED Engine	Titan LED Engine
Colors	RGBMintAmber
LED Power Draw	W
Luminous Flux 2700 K	lumens
Luminous Flux 3200 K	lumens
Luminous Flux 4000 K	lumens
Luminous Flux 5500 K	lumens
Luminous Flux 6500 K	lumens
Light Output 2700 K @ 1 m	Lux
Light Output 3200 K @ 1 m	Lux
Light Output 4000 K @ 1 m	Lux
Light Output 5500 K @ 1 m	Lux
Light Output 6500 K @ 1 m	Lux
CRI (Ra) (TLCI 3200 - 6500k (OutputGain disabled)	≥96
OutputGain	Yes
Beam Angle	13° - 60°
Field Angle	
Strobe	0 - 25Hz
Battery Runtime (only applicable to AST-QUKBM-STD)	up to 20 hours
Battery Runtime (max. Brightness) (only applicable to AST-QUKBM-STD)	1 h 35 m
Battery Lifetime (only applicable to AST-QUKBM-STD)	70 % after 300 cycles
Charging Time (nominal) (only applicable to AST-QUKBM-STD)	2 h 30 m
DC Input	POE++ (802.3bt) 40 W
DC Connector	RJ45
Ethernet Port Speed	100 M
Power Consumption (max.)	30 W
Wired DMX	N/A