

HYDRA PANEL

Users Manual Benutzerhandbuch Manuale utente

Manual del usuario Manuel d'utilisation 用户手册

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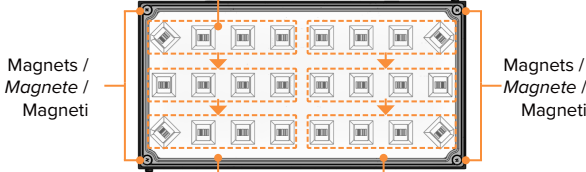


www.astera-led.com/hydra

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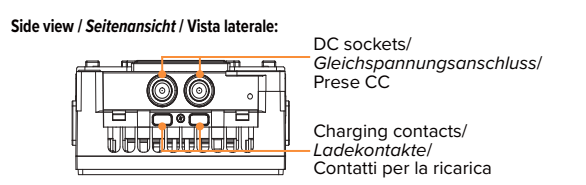
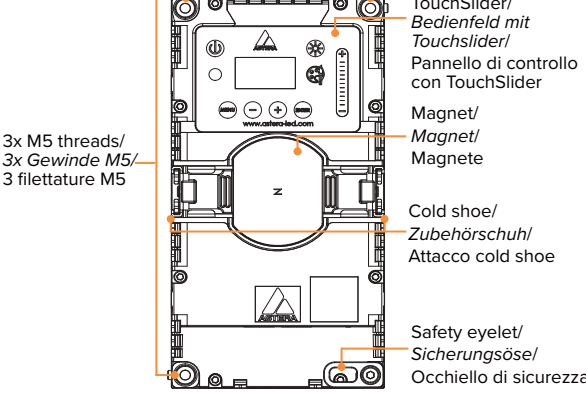
PRODUCT OVERVIEW / PRODUKTÜBERSICHT / PANORAMICA DEL PRODOTTO

Front / Vorderseite / Parte anteriore



Individually controllable / einzeln ansteuerbar / a controllo individuale

Back / Rückseite / Parte posteriore



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.

Verwenden Sie die Menüasten, um durch das Hauptmenü zu navigieren. Die Einstellungen der Farben bzw. Helligkeit und Laufzeit sind direkt über zwei Symbolschaltflächen erreichbar.

Utilizzare i pulsanti del menu per spostarsi nel menu principale. Le impostazioni per la luminosità e la regolazione dei colori/tempi di funzionamento sono direttamente accessibili tramite i due pulsanti dei simboli.

Top navigation / In der Hauptnavigation / Navigazione superiore / Menu principale:	Inside Main Menu / Im Hauptmenü / Menu principale:
On/Off / Ein/Aus / ON/OFF	Back to previous menu / Zurück zum vorherigen Menüpunkt / Ritorno al menu precedente
Main Menu / Hauptmenü aufrufen / Menu principale	Scroll down / Nach unten scrollen / Scorrimento verso il basso
Reset Settings / Einstellungen zurücksetzen / Reset impostazioni	Change Input Select / Eingangsprofil ändern / Modifica del segnale di ingresso
Set DMX Address / DMX Adresse einstellen / Impostazione indirizzo DMX	Color adjustment / Farbeinstellung / Regolazione colore
Brightness and runtime control / Helligkeits- und Laufzeiteinstellung / Controllo tempo di funzionamento e luminosità	

TouchSlider / TouchSlider / TouchSlider

The HydraPanel has a touch slider. It is only active in certain menus and can also be operated by tapping.

Das HydraPanel verfügt über einen Touchslider. Er ist nur in bestimmten Menüs aktiv und kann auch durch Antippen bedient werden.

Il HydraPanel dispone di un comando touch slider, che è attivo solo in alcuni menu e può essere gestito toccandolo.

Active in these 4 menus: Aktiv in diesen vier Menüs: / Attivo in questi 4 menu:



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

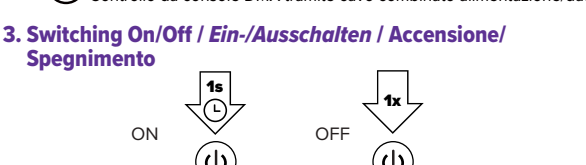
On/Off, Static Colors, Preprogrammed Effects
Ein/Aus, statische Farben, vorprogrammierte Effekte
ON/OFF, colori statici, effetti pre-programmati

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

Control from DMX consoles via CRMX or Wireless DMX
Steuerung über DMX-Pulte via CRMX oder Wireless DMX
Controllo da console DMX tramite CRMX o DMX wireless

Control from DMX consoles via Power/Data Combination Cable
Steuerung über DMX-Pulte via Strom-/Daten-Kombikabel
Controllo da console DMX tramite cavo combinato alimentazione/dati

3. Switching On/Off / Ein-/Aussschalten / Accensione / Spegnimento



A new HydraPanel needs a few seconds of charge to disable its shipping mode before it can be switched over to power.

Ein neues HydraPanel benötigt einige Sekunden Ladezeit, um den Versandmodus zu deaktivieren, bevor es eingeschaltet werden kann.

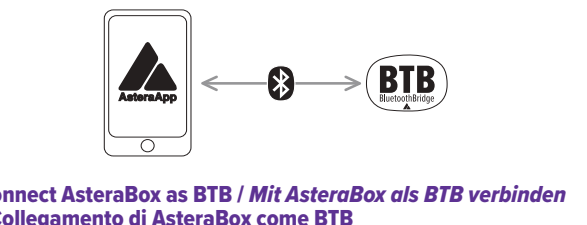
Prima di essere acceso, un HydraPanel nuovo ha bisogno di alcuni secondi di carica per la disabilitazione della modalità di spedizione.

4. Connecting to BTB / Mit BTB verbinden / Collegamento di BTB

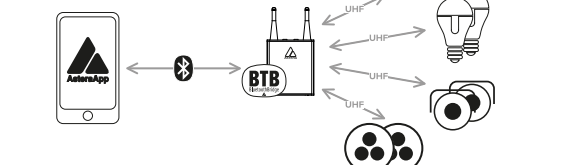
Our lights with the AsteraApp, first connect a Bluetooth Bridge (BTB) and then connect the lights to the BTB. You may use the BTB as BTB or choose a light with built-in BTB, like HydraPanel, AX3, NYX Bulb, FlexBriCk, Titan Tube BTB, Helios Tube BTB.

Um Ihre Leuchten mit der AsteraApp zu steuern, stellen Sie zunächst eine Verbindung zu einer Bluetooth Bridge (BTB) her. Sie leitet das AsteraApp-Signal an die gekoppelten Leuchten weiter. Sie können eine AsteraBox als BTB verwenden oder eine Leuchte mit integrierter BTB wählen, beispielsweise HydraPanel, AX3, NYX Bulb, FlexBriCk, Titan Tube BTB oder Helios Tube BTB.

Per controllare le luci con AsteraApp, collegare innanzitutto un Bluetooth Bridge (BTB). Questo trasmetterà il segnale di AsteraApp alle luci associate. È possibile utilizzare un AsteraBox come BTB o scegliere una luce con BTB integrato, come HydraPanel, AX3, NYX Bulb, FlexBriCk, Titan Tube BTB, Helios Tube BTB.



Connect AsteraBox as BTB / Mit AsteraBox als BTB verbinden / Collegamento di AsteraBox come BTB



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

Schalten Sie die AsteraBox ein. Stellen Sie eine Verbindung zur AsteraBox direkt aus dem AsteraApp-Hauptmenü her, indem Sie den entsprechenden Anweisungen folgen.

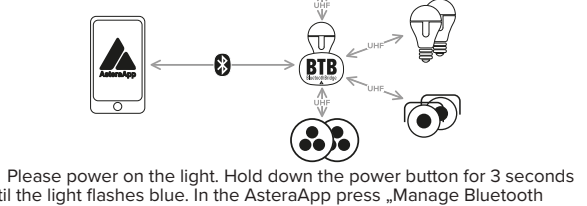
Accendere AsteraBox. Collegare AsteraBox direttamente dal menu principale di AsteraApp seguendo le istruzioni riportate.

Connect 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.

Beachten Sie bitte: Dies gilt NUR für Astera-Leuchten mit integriertem Bluetooth. Für alle anderen Astera-Leuchten, verwenden Sie bitte eine AsteraBox als BTB.

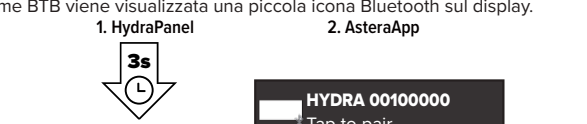
Nota: funziona SOLO per luci Astera con Bluetooth integrato. Per tutte le altre luci Astera, utilizzare un AsteraBox come BTB.



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.

Schalten Sie die Leuchte ein. Halten Sie die Einschalttaste drei Sekunden lang gedrückt, bis die Leuchte blau blinkt. Drücken Sie in der AsteraApp auf „Manage Bluetooth Bridges“, dann auf „+“ und folgen Sie den Anweisungen auf dem Bildschirm, um eine Verbindung herzustellen. Die Leuchte, die als BTB verbunden ist, zeigt ein kleines blaues Bluetooth-Symbol in der App an.

Accendere la luce. Tenere premuto il pulsante di alimentazione per 3 secondi fino a che la luce lampeggia in blu. In AsteraApp premere „Manage Bluetooth Bridges“ (Gestisci Bluetooth Bridge), quindi “+” e seguire le istruzioni sullo schermo per collegarsi. Per la luce collegata come BTB viene visualizzata una piccola icona Bluetooth sul display.



HYDRA 001000000

Tap to pair

The lights' BTB is connected to the AsteraApp.
Die BTB der Leuchte ist mit der AsteraApp verbunden.
Il 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.
Il 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.
Il BTB premere UNBOND BLUETOOTH (scollega bluetooth).

Per disabilitare di nuovo il BTB premere UNBOND BLUETOOTH (scollega bluetooth).

5. 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.

Schalten Sie die Leuchte ein. Halten Sie die Einschalttaste drei Sekunden lang gedrückt, bis die Leuchte blau blinkt. Gehen Sie zum Dialog „Pair with Lights“ in der AsteraApp. Drücken Sie dann auf OK.

Accendere la luce. Tenere quindi premuto il pulsante di alimentazione per 3 secondi fino a che la luce lampeggia in blu. Andare alla finestra di dialogo „Pair with Lights“ (Associa con luci) in AsteraApp. Premere OK.

1. HydraPanel 2. AsteraApp

Pair with Lights

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



1. HydraPanel 2. HydraPanel 3. HydraPanel

Main menu: UNLINK CRMX

CRMX: NO DMX SET: 1000

WAIT TILL LINK

CRMX: NO DMX SET: 1000

7. Reset / Reset / Reset

RESET to unlink CRMX and unbind Bluetooth. Sets „Input Select“ to „AUTO“ and runtime to 5h.

RESET um CRMX und Bluetooth zu trennen. Damit wird „Input Select“ auf „AUTO“ und die Laufzeit auf fünf Stunden eingestellt.

Eseguire un RESET per scollegare il CRMX e il Bluetooth. Impostare „Input Select“ (Selezione ingresso) su „AUTO“ e il tempo di impostazione su 5 ore.

1x +1 1x ENTER 1x -1

DMX settings: PICTURE NUMBER

Main menu: DMX ADDRESS

8. Charging / Laden / Ricarica

While the power 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 3 hours.

Während das Netzkabel angeschlossen ist, zeigt das Display den Ladezustand an. Laden Sie das Gerät, sobald der Akku leer ist und räumen Sie das Gerät nicht mit leerem Akku. Die Ladezeit beträgt etwa drei Stunden.

Quando il cavo di alimentazione è collegato, sul display viene visualizzato lo stato della carica. Quando la batteria si scarica, ricaricarla immediatamente. Non riporre l'unità con la batteria scarica. Il tempo di ricarica è di circa 3 ore.

1x +1 1x ENTER 1x -1

ARE YOU SURE? RESET FOR YES

INPUT: DETECTING SET: 1000

9. Switching On/Off / Ein-/Aussschalten / Accensione / Spegnimento

ON OFF

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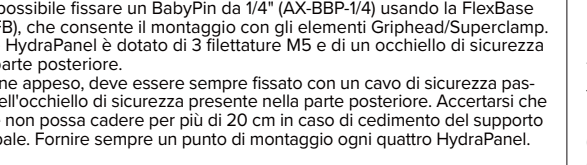
5. Rigging / Montage / Installazione

A BabyPin 1/4" (AX-BBP-1/4) can be attached using the FlexBase (FP6-FB), which allows mounting with a Griphead/Superclamp. Furthermore, the HydraPanel is equipped with 3 M5 threads and a safety eyelet on the back.

When hanging, always secure with a safety wire in the safety eyelet on the back. Make sure the light cannot drop more than 20cm if primary mounting fails. Always provide one mounting point per four HydraPanels.

Ein 1/4"-BabyPin (AX-BBP-1/4) kann unter Verwendung der FlexBase (FP6-FB) befestigt werden, wodurch die Montage mit einem Griphead/Superclamp möglich ist. Außerdem ist das HydraPanel mit drei Gewinden M5 und einer Sicherungsschleife auf der Rückseite ausgestattet. Beim Aufhängen immer mit einem Sicherungsschleife sichern. Stellen Sie sicher, dass die Leuchte nicht mehr als 20 cm frei fallen kann, wenn die primäre Befestigung versagt. Es muss immer ein Befestigungspunkt für je vier HydraPanels vorgesehen werden.

È possibile fissare un BabyPin da 1/4" (AX-BBP-1/4) usando la FlexBase (FP6-FB), che consente il montaggio con gli elementi Griphead/Superclamp. Inoltre HydraPanel è dotato di 3 filettature M5 e di un occhio di sicurezza sulla parte posteriore. Se viene appeso, deve essere sempre fissato con un cavo di sicurezza passato nell'occhiello di sicurezza presente nella parte posteriore. Accertarsi che la luce non possa cadere per più di 20 cm in caso di cedimento del supporto principale. Fornire sempre un punto di montaggio ogni quattro HydraPanel.



Cold shoe / Zubehörschuh / Attacco cold shoe

10. Combining HydraPanels / HydraPanels kombinieren / Combinazione di HydraPanel

Up to four HydraPanels can be connected together using the ConnectorPlates. The integrated ControlSync function allows settings to be made on the first panel, which are then transferred to the other connected panels.

Mit ConnectorPlates können bis zu vier HydraPanels zusammengefasst werden. Mit der integrierten ControlSync-Funktion werden am ersten Panel vorgenommenene Einstellungen auf die anderen angeschlossenen Panels übertragen.

Usando le ConnectorPlate è possibile collegare insieme fino a quattro HydraPanel. La funzione ControlSync integrata consente di effettuare le impostazioni sul primo pannello, che vengono poi trasferite sugli altri pannelli collegati.

1. HydraPanel 2. AsteraApp

Pair with Lights

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1. HydraPanel 2. AsteraApp

--- English ---

INTRODUCTION / INTENDE USE

The HydraPanel / ASTERA is a LED softlight with 6 pixels for professional use in the event and film business. The HydraPanel is designed for direct or indirect illumination of persons, objects or sceneries. Due to its built-in battery it can be quickly set up at places where traditional lights cannot be mounted easily. The HydraPanel has the Titan LED Engine and offers excellent color and light values. The HydraPanel generates white or colored light and the color temperature can be adjusted in many ways. The HydraPanel can be controlled with the AsteraApp or with wired DMX or wireless CRMX. The device can also be controlled by the integrated display with touch slider or by infrared remote control.

The HydraPanel can be used in multiple ways, including hanging. For this purpose, the device is equipped with a safety eyelet on the back. The HydraPanel can be used indoors and outdoors and has an IP65 rating (only wired with PWB-CAB-0.2/5/10/15 or with DC Covers (PB15-PLG) on sockets).

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 a longer period of time.

The specified ambient temperature must be maintained. Keep away from direct insulation (particularly in cars) and heaters.

Never use the device during thunderstorms connected to the power mains. 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 will be operated in any way different to the one described in this manual, the product may suffer damages and voids the warranty. 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-circuit, burns, electric shock, crash etc. This device is not for household use and is not suitable for permanent installation.

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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.
- Only authorized personnel may service the battery.
- Do not place in fire or near heat.
- 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.
- It is recommended to charge at a temperature between 15°C and 35°C.
- The light source of this luminaire is not replaceable: when the light source reaches its end of life the whole luminaire shall be replaced.
- The luminaires shall be connected with a SELV controller with the output rating 24VDC.
- The lamp shall be changed if it has become damaged or thermally deformed.

- Do not directly look into the light.
- It can cause harm to your eyes.
- Do not look at the LEDs 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 light is damaged.
- Do not submerge the light into any liquid.
- Do not replace the LED light source.
- Caution, risk of electric shock.

- 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.

- The HydraPanel shall be installed near the socket-outlet which is easily accessible.
- Warning: risk of electric shock - Do not open device.

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