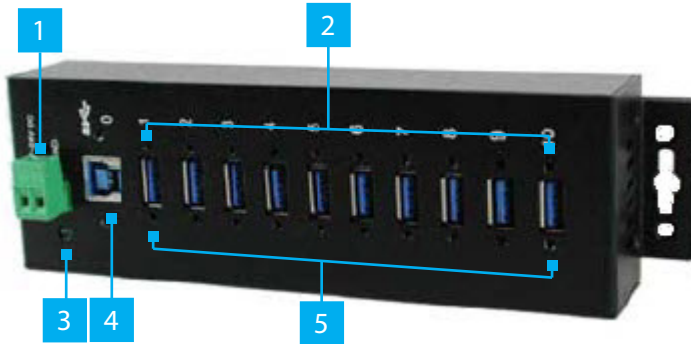


## 10-Port Industrial USB 3.0 (5 Gbps) Hub | USB 3.1 Gen 1 to 10x USB-A | ESD & Surge Protection

### Product Diagram (HB30A10AME)



Component	Function
1 2-Wire Terminal Block	<ul style="list-style-type: none"> <li>Used to connect an external <b>DC Power Source</b> (7~24V DC Input) to the <b>Hub</b>.</li> </ul>
2 Screw Locks (x 10)	<ul style="list-style-type: none"> <li>Used to securely lock a <b>USB Device</b> to the <b>USB-A Port</b> on the <b>Hub</b>.</li> <li><b>Screw Lock Dimensions:</b> Center to center 19 mm, thread size 4 - 40.</li> </ul>
3 Power LED	<ul style="list-style-type: none"> <li><b>Green:</b> Indicates that the Hub is receiving power.</li> </ul>
4 USB-B Host Port	<ul style="list-style-type: none"> <li>Used to connect a <b>Host Computer</b> to the <b>Hub</b>.</li> <li><b>Screw Lock Dimensions:</b> Center to center 24 mm, thread size 4 - 40.</li> </ul>
5 USB-A Ports (x 10)	<ul style="list-style-type: none"> <li>Used to connect <b>USB Devices</b> (x 10) to the <b>Hub</b>.</li> <li>Used to charge connected <b>USB-A Devices</b>.</li> <li>USB-A Ports support surge and 15KV ESD (Electrostatic Discharge) Protection.</li> </ul>

### Requirements

For the latest requirements, please visit [www.startech.com/HB30A10AME](http://www.startech.com/HB30A10AME).

- Phillips Head Screwdriver
- Writing Utensil
- Level
- Mounting Screws (x 2)

### Installation

**Notes:** It is recommended to use an external **DC Power Source** (+7 - 24V DC) connected to the **2-Wire Terminal Block** to ensure sufficient power/current is delivered to each **USB-A Port** on the **Hub**.

The **Hub** can also be powered by a **Host Computer** connected to the **USB-B Host Port**, when using low power consuming **USB Devices**.

#### Powering the Hub Using the Universal Power Adapter

1. Connect the **Universal Power Adapter** to the **Terminal Block** and to a **AC Electrical Outlet**.
2. Connect a **USB-B to USB Cable** (the end will depend on USB Port you are connecting to) to the **USB-B Host Port** and to a USB port on the **Host Computer**.
3. The **Host Computer's Operating System** should detect the **Hub** and automatically install it.
4. Connect your **USB Devices** to the **USB-A Ports** (x 10) on the **Hub**.

#### Powering the Hub Using USB

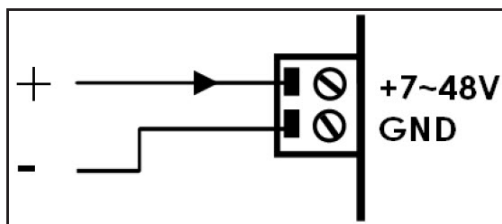
1. Connect a **USB-B to USB Cable** (the end will depend on USB Port you are connecting to) to the **USB-B Host Port** and to a USB port on the **Host Computer**.
2. The **Host Computer's Operating System** should detect the **Hub** and automatically install it.
3. Connect your **USB Devices** to the **USB-A Ports** (x 10) on the **Hub**.

#### Powering the Hub Using the 2-Wire Terminal Block

1. Remove the **Terminal Block Connector Housing** from the **Hub's Casing**.
2. Using a small screwdriver (Phillips or Flat Head), loosen the screws on the **Terminal Block Connectors**.

3. Connect the **Power** and **Ground Wires** from your **DC Power Source** (+7 - 24V DC) to the proper **Terminal Block Connectors**, the terminals are marked on the **Hub's Casing**.

**Note:** Ensure the polarity of the input power is correctly matched with the **Terminal Block Pins** to ensure proper function.



Terminal Block Pins

4. Insert the **Terminal Block Housing** onto the **Hub's Casing**.

## Mounting

### DIN Rail Mounting

1. Align the **Din Rail Brackets** (x 2) with the **Mounting Holes** (x 4) on the back of the **Hub**.
2. Insert the **Mounting Screws** (x 4) through the **Din Rail Brackets** and into the **Hub**.
3. Using a **Phillips Head Screwdriver** tighten the **Mounting Screws**. Be careful not to over-tighten the **Mounting Screws**.
4. Clip the **Din Rail Brackets** onto a **Din Rail**, securing the **Hub** to the **Din Rail**.

### FCC Compliance Statement

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 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

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. Changes or modifications not expressly approved by StarTech.com could void the user's authority to operate the equipment.

### Industry Canada Statement

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe [B] est conforme à la norme NMB-003 du Canada.

CAN ICES-3 (B)/NMB-3(B)

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions:

- (1) This device may not cause interference, and (2) This device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

- (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

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Din Rail Mounting

### Wall Mounting

It is recommended that you use **Wall Studs** when wall mounting the **Hub**.

1. Align the **Hub** on the wall in the position you want to mount the **Hub**.
2. Using a **Writing Utensil** mark off both of the **Mounting Holes**.
3. Using a **Level** draw a line connecting the two **Mounting Holes**, making sure that the line is level.
4. Align the **Mounting Holes** on the **Hub** with the **Mounting Hole Marks**.
5. Insert the **Mounting Screws** (x 2) through the **Wall Mounting Holes** and into the **Wall**.
6. Using a **Phillips Head Screwdriver** tighten the **Mounting Screws** until the **Hub** is securely fasten to the **Wall**.

### Warranty Information

This product is backed by a two-year warranty.

For further information on product warranty terms and conditions, please refer to [www.startech.com/warranty](http://www.startech.com/warranty).

### Limitation of Liability

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### Safety Measures

- If product has an exposed circuit board, do not touch the product under power.

### Mesures de sécurité

- Si l'un des circuits imprimés du produit est visible, ne pas touchez le produit lorsqu'il est sous tension.

### 安全対策

- 製品に露出した状態の回路基盤が含まれる場合、電源が入っている状態で製品に触らないでください。

### Misure di sicurezza

- Se il prodotto ha un circuito stampato visibile, non toccare il prodotto quando è acceso.

### Säkerhetsåtgärder

- Rör aldrig vid enheter med oskyddade kretskort när strömmen är påslagen.

**StarTech.com Ltd.**  
45 Artisans Cres  
London, Ontario  
N5V 5E9  
Canada

**StarTech.com LLP**  
2500 Creekside  
Parkway  
Lockbourne, Ohio  
43137  
U.S.A.

**StarTech.com Ltd.**  
Unit B, Pinnacle 15  
Gowerton Rd,  
Brackmills  
Northampton  
NN4 7BW  
United Kingdom

FR: [startech.com/fr](http://startech.com/fr)  
DE: [startech.com/de](http://startech.com/de)  
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