

## 4 Port USB 2.0 Extender over Cat5e, Cat6, or Cat7 | Up to 330 ft (100 m)

### Product Diagram (USB2004EXT2NA)

Front



Rear



3	Power Port 24V 1A (Local/Remote)	<ul style="list-style-type: none"> <li>Used to connect the <b>Remote Extender</b> to <b>AC Electrical Outlets</b>, using the <b>Power Adapter</b> (included).</li> </ul>
4	Config Port	<ul style="list-style-type: none"> <li>Used for firmware management/updates.</li> </ul>
5	Mode Button	<ul style="list-style-type: none"> <li>Used for firmware management/updates.</li> </ul>
6	RJ45 Port - Link (Local/Remote)	<ul style="list-style-type: none"> <li>Used to connect the <b>Local Extender</b> to the <b>Remote Extender</b>.</li> <li>Max. data transfer rate = 480Mbps</li> </ul>
7	USB-B Host Port	<ul style="list-style-type: none"> <li>Used to connect the <b>Local Extender</b> to a <b>Host Computer</b>, using the <b>USB Cable</b> (included).</li> </ul>

### Requirements

For the latest requirements, please visit [www.startech.com/USB2004EXT2NA](http://www.startech.com/USB2004EXT2NA)

- USB Enabled Host Computer
- Solid Core Cat5e unshielded twisted pair (UTP) or greater

### Installation

1. Position the **Local Extender** near the **Host Computer**.
2. Position the **Remote Extender** near an **AC Electrical Outlet**.
3. Connect a **Cat5e Cable** (or better) to the **RJ45 Port** on the **Local Extender** and the other end to the **RJ45 Port** on the **Remote Extender**.
 

*Note: The Cat5e Cabling cannot go through any networking equipment (router, switch, etc.).*
4. Connect the **USB Cable** (included) to the **USB-B Host Port** on the **Local Extender** and the other end to a USB port on the **Host Computer**.
5. Connect the **Power Adapter** (included) to the **Power Port** on the **Remote Extender** and the other end to an **AC Electrical Outlet**.
6. Connect **USB Devices** to the **USB-A Ports** on the **Remote Extender**.

Component	Function
1	<p>USB-A Ports</p> <ul style="list-style-type: none"> <li>Used to connect <b>USB Devices</b> (mouse, keyboard, etc.) to the <b>Remote Extender</b>.</li> </ul>
2	<p>LEDs (Local/Remote)</p> <p><b>Power:</b></p> <ul style="list-style-type: none"> <li><b>Solid Blue:</b> The <b>Extenders</b> are receiving power.</li> </ul> <p><b>Link:</b></p> <ul style="list-style-type: none"> <li><b>Solid Green:</b> The <b>Extenders</b> are linked.</li> <li><b>Off:</b> The <b>Extenders</b> are not linked.</li> </ul> <p><b>Host:</b></p> <ul style="list-style-type: none"> <li><b>Solid:</b> <b>Extender</b> is linked to the <b>Host Computer</b>.</li> <li><b>Flashing:</b> Extenders are in suspend mode.</li> </ul> <p><b>Activity:</b></p> <ul style="list-style-type: none"> <li><b>Flashing:</b> Data is transmitted between <b>Extenders</b>.</li> <li><b>Off:</b> <b>Extenders</b> are in a suspended mode.</li> </ul>

#### 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.

#### Use of Trademarks, Registered Trademarks, and other Protected Names and Symbols

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#### EU Declaration of Conformity

We, StarTech.com, declare under our sole responsibility that the USB2004EXT2NA to which this declaration relates, is in conformity with European Standards EN 55024, EN 55032, EN 61000, and RoHS Directive 2011/65/EU + 2015/863/EU.

#### WEEE Statement

The European Union has established regulations for the collection and recycling of all waste electrical and electronic equipment (WEEE). Implementation of WEEE regulations may vary slightly by individual EU member states. Please check with your local and state government guidelines for safe disposal and rec.

#### 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

In no event shall the liability of StarTech.com Ltd. and StarTech.com USA LLP (or their officers, directors, employees or agents) for any damages (whether direct or indirect, special, punitive, incidental, consequential, or otherwise), loss of profits, loss of business, or any pecuniary loss, arising out of or related to the use of the product exceed the actual price paid for the product. Some states do not allow the exclusion or limitation of incidental or consequential damages. If such laws apply, the limitations or exclusions contained in this statement may not apply to you.

#### 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.

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