Introduction

Making music and sharing it, that is what the music industry is all about. From the studio to the stage to the concert halls, there are a multitude of ways to make, share and enjoy music. Now more than ever, it involves electronic equipment with multiple data connections, increased power demands, and improved user input controls.

Bourns is proud to be a part of this industry and has established a reputation for bringing quality, reliability and value to the business. With a wide portfolio of products, Bourns has precision components suitable for use in audio equipment, as well as “road-worthy” components designed to withstand the abuse of repeated set-ups and tear downs associated with concert tours. From user input controls to power management to circuit protection, Bourns has the products that enable you to do what you love, make music.

www.bourns.com/proaudio

Bourns® products are subject to change without notice. Not all products are manufactured, marketed or sold in all countries. To obtain information on availability, contact your Bourns® representative or visit our website.

Specifications subject to change without notice. Aooth performance is specific to component application only and may differ based on influence of other supplies. Custom solutions to suit specific requirements then specified application.
Introduction

Making music and sharing it, that is what the music industry is all about. From the studio to the stage to the studio, there are a multitude of ways to make, share and enjoy music. Now more than ever, involves electronic equipment with multiple data connections, increased power demands, and improved user input controls.

Bourns is proud to be a part of this industry and has established a reputation for bringing quality, reliability and value to the business.

With a wide portfolio of products, Bourns has precision components suitable for use in studio equipment, as well as “road-worthy” components designed to withstand the abuse of repeated set ups and tear downs associated with concert tours. From user input controls to power management to circuit protection, Bourns has the products that enable you to do what you love, make music!

Worldwide Sales Offices

<table>
<thead>
<tr>
<th>Country</th>
<th>Phone</th>
<th>Email</th>
</tr>
</thead>
<tbody>
<tr>
<td>Americas</td>
<td>+1-951-781-5500</td>
<td><a href="mailto:americus@bourns.com">americus@bourns.com</a></td>
</tr>
<tr>
<td>Brazil</td>
<td>+55 11 5505 0601</td>
<td><a href="mailto:americus@bourns.com">americus@bourns.com</a></td>
</tr>
<tr>
<td>China</td>
<td>+86 21 64821250</td>
<td><a href="mailto:asiacus@bourns.com">asiacus@bourns.com</a></td>
</tr>
<tr>
<td>Europe, Middle East, Africa</td>
<td>+36 88 520 390</td>
<td><a href="mailto:eurocus@bourns.com">eurocus@bourns.com</a></td>
</tr>
<tr>
<td>Japan</td>
<td>+81 49 269 3204</td>
<td><a href="mailto:asiacus@bourns.com">asiacus@bourns.com</a></td>
</tr>
<tr>
<td>Korea</td>
<td>+82 70 4036 7730</td>
<td><a href="mailto:asiacus@bourns.com">asiacus@bourns.com</a></td>
</tr>
<tr>
<td>Singapore</td>
<td>+65 6348 7227</td>
<td><a href="mailto:asiacus@bourns.com">asiacus@bourns.com</a></td>
</tr>
<tr>
<td>Taiwan</td>
<td>+886 2 25624117</td>
<td><a href="mailto:asiacus@bourns.com">asiacus@bourns.com</a></td>
</tr>
<tr>
<td>Other Asia-Pacific Countries</td>
<td>+886 2 25624117</td>
<td><a href="mailto:asiacus@bourns.com">asiacus@bourns.com</a></td>
</tr>
</tbody>
</table>

Technical Assistance

<table>
<thead>
<tr>
<th>Region</th>
<th>Phone</th>
<th>Email</th>
</tr>
</thead>
<tbody>
<tr>
<td>Asia-Pacific</td>
<td>+886 2 25624117</td>
<td><a href="mailto:techweb@bourns.com">techweb@bourns.com</a></td>
</tr>
<tr>
<td>Europe, Middle East, Africa</td>
<td>+36 88 520 390</td>
<td><a href="mailto:eurotech@bourns.com">eurotech@bourns.com</a></td>
</tr>
<tr>
<td>Americas</td>
<td>+1-951-781-5500</td>
<td><a href="mailto:techweb@bourns.com">techweb@bourns.com</a></td>
</tr>
</tbody>
</table>

Specifications subject to change without notice. Actual performance in specific customer applications may differ due to the influence of other variables. Customer evaluation is required to test devices under specific application.
For many artists, the music gets to the audience through their fingertips. The best music requires the best controls throughout the performance. Issues such as sloppy controls, noisy output or gritty feel can all affect the integrity of the music and lights, whether in a garage or on a stage. For a high quality performance, you need high quality controls.

Bourns, Inc. has provided highly reliable faders and rotary controls to the music and lighting industries for decades. From studio quality to “road-worthy” components, Bourns has the user interface controls for the job.

As the professional audio industry evolves, Bourns continues to design and add components to its portfolio to meet industry demands. In addition to standard controls, Bourns can provide customization to meet the artist’s needs by offering various value added options such as tighter tolerances, custom feel, and custom output.

Applications
- Electric Guitars & Effects Pedals
- Instrument Amplifiers
- Audio & Breakout Wiring Controls
- Amplifiers, Digital Drum & Sound Processors
- Sound and Video Editing Equipment

Applications
- Power Supplies
- Battery Protection
- Surge Protection

Today’s requirements require clean, reliable power to make sure the show goes on. With the latest innovations in stage lighting, sound equipment, and instrument electronics, power requirements are everywhere, and Bourns has you covered. Bourns offers components for both linear and switch mode power supplies.

On the primary and secondary side of the power supply, Bourns’ offering includes inductors, rectifier diodes, current sense resistors, power resistors, trimming potentiometers, and power transformers.

Bourns’ extensive line of electronic components and custom application solutions help you meet the power needs of your instrument and keep the show going by providing highly reliable performance.

Applications
- AC/DC Power Lines
- HDMI
- USB
- Firewire
- Ethernet

Bourns’ extensive line of electronic components and custom application solutions help you meet the power needs of this demanding market and keep the show going by providing highly reliable performance.

A great performance requires power and data to make sure the show goes on. To keep up with the evolving musical landscape of electronic audio and lighting equipment have incorporated smart features and interconnectivity. These connections make the equipment much more susceptible to faults from short circuits, electrostatic discharge (ESD), power surges, and the inevitable incorrect connection during set-ups. To help prevent this, Bourns offers circuit protection products for both communication ports and power lines.

With a vast array of circuit protection products from Bourns, not only can you protect your equipment from electrical surges, you can also be sure that your audience enjoys an uninterrupted performance.
For many artists, the music gets to the audience through their fingertips. The best music requires the best controls throughout the performance. Issues such as sloppy controls, noisy output or gritty feel can all affect the integrity of the music and lights, whether in a garage or on a stage. For a high quality performance, you need high quality controls.

Bourns, Inc. has provided highly reliable faders and rotary controls to the music and lighting industries for decades. From studio quality to “road-worthy” components, Bourns has the user interface controls for the job. As the professional audio industry evolves, Bourns continues to design and add components to its portfolio to meet industry demands. In addition to standard controls, Bourns can provide customization to meet the artist’s needs by offering various value added options such as tighter tolerances, custom feel, and custom output.

Applications
- Electric Guitars & Effects Pedals
- Instrument Amplifiers
- Audio & Broadcast Mixing Consoles
- Amplifiers, Digital mixers & Sound Processors
- Sound and Video Editing Equipment

As the professional audio industry evolves, Bourns continues to design and add components to its portfolio to meet industry demands. In addition to standard controls, Bourns can provide customization to meet the artist’s needs by offering various value added options such as tighter tolerances, custom feel, and custom output.

Today’s performance requires clean, reliable power to make sure the show goes on. With the latest innovations in stage lighting, sound equipment, and instrument electronics, power requirements are everywhere, and Bourns has you covered.

Bourns offers components for both linear and switch mode power supplies. On the primary and secondary side of the power supply, Bourns’ offering includes inductors, rectifier diodes, current sense resistors, power resistors, trimming potentiometers, and power transformers.

Bourns’ extensive line of electronic components and custom application solutions help you meet the power needs of your changing market and keep the show going by providing highly reliable performance.

Applications
- AC/DC Power Lines
- Battery Protection
- Surge Protection

www.bourns.com/proaudio

A great performance requires power and data to make sure the show goes on. To keep up with the evolving musical landscape of electronic audio and lighting equipment have incorporated smart features and interconnectivity. These connections make the equipment much more susceptible to faults from short circuits, electrostatic discharge (ESD), power surges, and the inevitable incorrect connection during set-ups. To help prevent damage, Bourns offers circuit protection products for both communication ports and power lines.

With a vast array of circuit protection products from Bourns, not only can you protect your equipment from electrical surges, you can also be sure that your audience enjoys an uninterrupted performance.
For many artists, the music gets to the audience through their fingertips. The best music requires the best controls throughout the performance. Issues such as sloppy controls, noisy output or gritty feel can all affect the integrity of the music and lights, whether in a garage or on a stage. For a high quality performance, you need high quality controls.

Bourns, Inc. has provided highly reliable faders and rotary controls to the music and lighting industries for decades. From studio quality to "road-worthy" components, Bourns has the user interface controls for the job.

As the professional audio industry evolves, Bourns continues to design and add components to its portfolio to meet industry demands. In addition to standard controls, Bourns can provide customization to meet the artist’s needs by offering various value added options such as tighter tolerances, custom feel, and custom output.

Applications
- Electric Guitars & Effects Pedals
- Instrument Amplifiers
- Audio & Broadcast Mixing Consoles
- Amplifiers, Digital Video & Sound Processors
- Sound and Video Editing Equipment

For a high quality performance, you need high quality controls.

Bourns offers components for both linear and switch mode power supplies. On the primary and secondary side of the power supply, Bourns’ offering includes inductors, rectifier diodes, current sense resistors, power resistors, trimming potentiometers, and power transformers.

Today’s performance requires clean, reliable power to make sure the show goes on. With the latest innovations in stage lighting, sound equipment, and instrument electronics, power requirements are everywhere, and Bourns has you covered. Bourns offers components for both linear and switch mode power supplies.

Applications
- AC/DC Power Lines
- Battery Protection
- Surge Protection

Bourns’ extensive line of electronic components and custom application solutions help you meet the power needs of your instrument or stage and keep the show going by providing highly reliable performance.

www.bourns.com/proaudio

A great performance requires power and data to make sure the show goes on. To keep up with the evolving musical landscape, professional audio and lighting equipment have incorporated smart features and interconnectivity. These connections make the equipment much more susceptible to faults from short circuits, electrostatic discharge (ESD), power surges, and the inevitable incorrect connection during set-ups. To help prevent damage, Bourns offers circuit protection products for both communication ports and power lines.

With a vast array of circuit protection products from Bourns, not only can you protect your equipment from electrical surges, you can also be sure that your audience enjoys an uninterrupted performance.

Applications
- AC/DC Power Lines
- HDMI
- USB
- Firewire
- Ethernet

Bourns’ extensive line of electronic components and custom application solutions help you meet the power needs of your instrument or stage and keep the show going by providing highly reliable performance.

www.bourns.com/proaudio
Introduction

Making music and sharing it, that is what the music industry is all about. From the studio to the stage to the studios, there are a multitude of ways to make, share and enjoy music. Now more than ever, it involves electronic equipment with multiple data connections, increased power demands, and improved user input controls.

Bourns is proud to be a part of this industry and has established a reputation for bringing quality, reliability and value to the business.

With a wide portfolio of products, Bourns has precision components suitable for use in studio equipment, as well as “road-worthy” components designed to withstand the abuse of repeated set-ups and tear downs associated with concert tours. From user input controls to power management to circuit protection, Bourns has the products that enable you to do what you love, make music!

Worldwide Sales Offices

<table>
<thead>
<tr>
<th>Country</th>
<th>Phone</th>
<th>Fax</th>
</tr>
</thead>
<tbody>
<tr>
<td>Americas</td>
<td>+1-951-391-7369</td>
<td><a href="mailto:americus@bourns.com">americus@bourns.com</a></td>
</tr>
<tr>
<td>Brazil</td>
<td>+55 11 5505 0601</td>
<td><a href="mailto:americus@bourns.com">americus@bourns.com</a></td>
</tr>
<tr>
<td>China</td>
<td>+86 21 6482 1250</td>
<td><a href="mailto:asiacus@bourns.com">asiacus@bourns.com</a></td>
</tr>
<tr>
<td>Europe, Middle East, Africa</td>
<td>+36 88 520 390</td>
<td><a href="mailto:eurocus@bourns.com">eurocus@bourns.com</a></td>
</tr>
<tr>
<td>Japan</td>
<td>+81 49 269 3204</td>
<td><a href="mailto:asiacus@bourns.com">asiacus@bourns.com</a></td>
</tr>
<tr>
<td>Korea</td>
<td>+82 70 4036 7730</td>
<td><a href="mailto:asiacus@bourns.com">asiacus@bourns.com</a></td>
</tr>
<tr>
<td>Singapore</td>
<td>+65 6348 7227</td>
<td><a href="mailto:asiacus@bourns.com">asiacus@bourns.com</a></td>
</tr>
<tr>
<td>Taiwan</td>
<td>+886 2 2562 4117</td>
<td><a href="mailto:asiacus@bourns.com">asiacus@bourns.com</a></td>
</tr>
<tr>
<td>Other Asia-Pacific Countries</td>
<td>+886 2 2562 4117</td>
<td><a href="mailto:asiacus@bourns.com">asiacus@bourns.com</a></td>
</tr>
</tbody>
</table>

Technical Assistance

<table>
<thead>
<tr>
<th>Region</th>
<th>Phone</th>
<th>Email</th>
</tr>
</thead>
<tbody>
<tr>
<td>Asia-Pacific</td>
<td>+886 2 2562 4117</td>
<td><a href="mailto:techweb@bourns.com">techweb@bourns.com</a></td>
</tr>
<tr>
<td>Europe, Middle East, Africa</td>
<td>+36 88 520 390</td>
<td><a href="mailto:eurotech@bourns.com">eurotech@bourns.com</a></td>
</tr>
<tr>
<td>Americas</td>
<td>+1-951-391-7369</td>
<td><a href="mailto:techweb@bourns.com">techweb@bourns.com</a></td>
</tr>
</tbody>
</table>

Specifications subject to change without notice. Actual performance in specific customer applications may differ due to the influence of other variables. Customers should verify actual device performance in their specific applications.

www.bourns.com/proaudio