CUSTOM WALL PLATES, PANELS, AND PREFABRICATION ASSEMBLIES
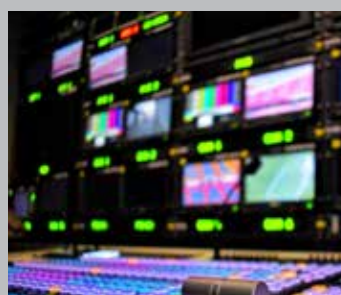
NEUTRIK®

WESCO® ASSEMBLY

QUALITY AND INNOVATION

TRUSTED, HIGH-QUALITY, CUSTOM CONNECTIONS AND ASSEMBLIES

WESCO Assembly and NEUTRIK provide a powerful offering of quality products, services, and custom solutions for all your wall plate, panel, connectivity, and prefabrication needs, with a best-in-class partnership to the audio-visual, broadcast, and entertainment industries.

WESCO® ASSEMBLY

FIBERTRON

PANEL CRAFTERS
CUSTOM PLATES & PANELS

WESCO ASSEMBLY IS HOME TO PANELCRAFTERS AND FIBERTRON

Offering premium, manufactured:
• High-quality wall plates
• Custom plates and panels
• Image Series (Lexan® printed products)
• Rack prefabrication
• Wire harness assemblies and terminations
• Electical assemblies
• Bulk cable / custom fiber

....

EXPERTLY DESIGNED
Each product WESCO Assembly produces is designed and assembled with the most advanced CAD/CAM technology and highest-quality components available with full attention to detail and precision.

Products can be manufactured based on your provided CAD drawings, or our skilled technicians will design to your specifications.

BACKED BY OUR TRUSTED WARRANTY
This skilled process and attention to detail results in the highest quality of craftsmanship, and our pride of workmanship continues beyond delivery with our three-year warranty.

WESCO Assembly products are fabricated in the USA.

CERTIFICATIONS

ITAR COMPLIANT   UL   **ISO** 9001:2015 CERTIFIED

SINCE 2004

FIBER OPTIC ASSOCIATION CERTIFICATIONS

SMPTE CERTIFIED

CORNING
CAH Connections™ Gold Program

DESIGN BUILT IN THE USA

COMMSCOPE® CERTIFIED

NEUTRIK®

Since 1975, Neutrik has been the leading manufacturer of innovative electrical products, electronic interconnection products and systems, including:

• Audio connectors • Coaxial connectors • Power connectors • Circular connectors

Neutrik has been defined by an ability to evolve with industry changes, demands, and market trends. More than a supplier, Neutrik is a reliable connectivity partner whose name stands for innovative solutions, superior quality and continuity, positioning them as the brand industry professionals know and rely upon.

In addition to its famous screwless XLR cable connectors, Neutrik is the inventor of powerCON®, etherCON®, speakON®, opticalCON®, combo 1/4" XLR chassis connectors, the D-size flange, rearTWIST® BNC connectors, and dozens of other innovations.

GUARANTEED PERFORMANCE

A good connection can make or break performance. Neutrik's products are rigorously tested to outperform competing connectors. They use state-of-the-art materials, proven production processes, and quality control testing, ensuring the highest level of performance, backed by Neutrik's guarantee.

DEPENDABILITY AND RELIABILITY

Unreliable connections can also wreak havoc at the most inopportune times. Every product NEUTRIK produces fulfills the highest functional and reliability connectivity requirements.

BETTER TOGETHER

WESCO Assembly, home to PanelCrafters, designs and manufactures custom wall plates and panels for a wide range of markets, utilizing top-of-the-line connectors in all their designs, including the full offering of products from NEUTRIK.

THE END RESULT

Each product WESCO Assembly produces goes beyond being designed for the highest quality. They are built with top-quality components such as industry-trusted NEUTRIK connectors. The result is a product and connection you can trust, built to perform and designed with the highest-quality standards.

FOR ALL OF YOUR INTERCONNECTION NEEDS

Choose WESCO Assembly custom-manufactured plates, panels, racking, and assemblies and NEUTRIK connectors and components wherever reliable connectivity is needed.

TECH ROOM OR DATA CENTER

- Locking and fully protected CAT5, CAT6, and CAT6A patching solutions with etherCON® connectors

- Neutrik offers multiple media connector options for connecting and patching data, video, and audio signals

- opticalCON® fiber optic cables in densities from 2 to 24 fibers in a single cable
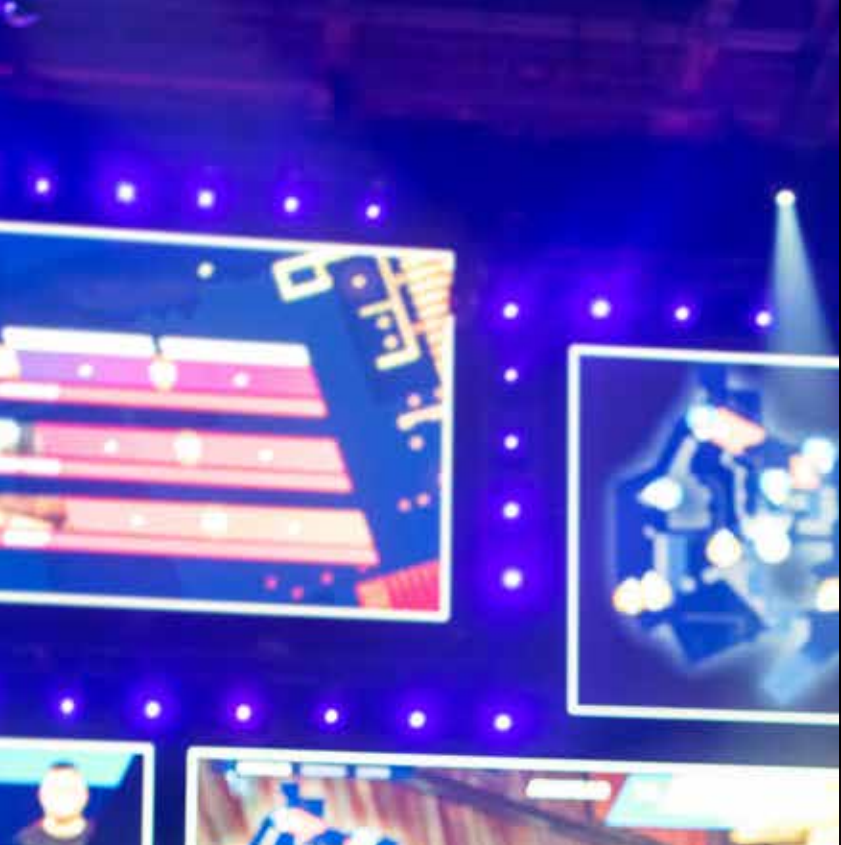
STADIUMS AND ARENAS

- NEUTRIK locking and ruggedized versions of HDMI, USB, and Ethernet

- Video walls, displays, and lighting:
    - powerCON® for AC power
    - etherCON® RJ45 connectors rated up to CAT6$_A$
    - XLR 5-pin connectors for DMX communications

- Speaker arrays and PA sound reinforcement:
    - speakON® speaker connectors in 2, 4, and 8-pole varieties
    - XLR 3-pin connectors with application-specific options including RFI and EMI protection
    - NEUTRIK Dante® line and mic-level adapters for IP-based networked audio
    - Power-over-Ethernet power supply to power-compatible network devices

- opticalCON® DRAGONFLY fiber optic cable solution for cameras and SMPTE signals

INTERNET, STREAMING, AND DATA SERVICES

• NEUTRIK high-speed, high-bandwidth connector and cabling solutions, providing reliable, low-latency connectivity for streaming and content distribution

• Scalable and configurable to meet viewership capacities for millions of subscribers

• Both onsite ruggedized products and network operating center patching versions are available

CONTROL ROOM

• NEUTRIK multi-pin circular connectors for everything from IFB and communications to equipment control interfaces

• 3G/SDI and 12G rearTWIST® UHD BNC connectors that exceed current SMPTE requirements and provide routing for video signals as high as 8K

• High-density audio patch panels with selectable normalizing options to route sound sources to and from the mixing desk

• Ruggedized opticalCON® fiber solutions for connections from the venue to outside broadcast (OB trucks)

EDITING SUITE OR PRODUCTION FACILITY

• Post-event editing and program distribution

• Centralized broadcast operations

• Studio infrastructure from microphones to lighting

CONNECTORS

When it comes to Broadcast, AV, Datacomm, and eSports, Neutrik's robust, locking connectors and cabling products provide exceptional performance and reliability. Using the best connectivity ensures performance at the highest speeds with the lowest latency. With high impact, flexible, and scalable solutions, Neutrik's ease of use and reliability has made it the world's most recommended AV connector brand.

ANALOG

1-12 contacts

XLR TOP
(3-5 contacts)

XLR
(3-7 & 10 contacts)

3.5 mm & 1/4" plugs
(2-3 contacts)

speakON®
(2/4/8 contacts)

rearTWIST® **BNC**
(coaxial)

POWER

Low-Voltage (max 16A AT 50V)   AC ONLY

XLR
(3-7 contacts)

XLR
(8+2 contacts)
Data & Power

powerCON®
(3 contacts, 15A @ 250VAC)

powerCON® TRUE1® TOP
(3 contacts, 20A @ 250VAC)
Mateable under load

powerCON® 32A
(3 contacts, 32A @ 250VAC)
Ltd to male receptacle & female cable end

DIGITAL / DATA SIGNALS / Dante Interface

Copper | Rugged lockable

etherCON® TOP

etherCON® CAT5e

etherCON® CAT6A

USB

HDMI

Fiber | Fiber + Copper

opticalCON®
(2/4/12/24 fibers plus 0/2/4 copper contacts)

opticalCON® DRAGONFLY
Camera connector

From rock bands to lighting design, industrial equipment to broadcast studios, Neutrik products provide the robust and reliable connectivity solutions for most any industry. Quality Thinking – Quality Design, that's Neutrik.

NA2-IO-DRPO
Mic, Line AES/EBU to
Dante Interface

NA2-IO-DLINE
Line I/O to
Dante Interface

NPS-30W
PoE Supply

CUSTOM WALL PLATES & PANELS

CUSTOM PLATES & PANELS

WESCO Assembly is home to PanelCrafters — designer and manufacturer of custom wall plates and panels. PanelCrafters products are designed with top-of-the-line connector brands, including Neutrik, for the highest dependability and reliability.

DELIVERING FULLY CUSTOMIZABLE:
• Gang plates • Wall plates • Rack panels

CONSISTENT QUALITY, BEAUTY, AND VALUE

Designs can be produced to each project's unique specifications and customized per control panel. Plates can be engraved or screen printed.

PANELCRAFTERS' CLASSIC SERIES GANG PLATES AND PANELS FEATURE:

• Brushed, 1/8" thick aluminum
• Beveled edges and counter-sunk mounting holes
• 1-6 Gang sizes, available

PANELCRAFTERS STANDARD GANG/WALL PLATE FINISH :

• Clear Anodized
• Black Anodized
• Stainless Steel
• Extron Color match (Powder-coated, Black, Gray or White)
• Leviton Color match (Painted Smooth, White, Ivory or Almond)

PLASTIC/NYLON GANG PLATES AND DÉCOR INSERT OPTIONS:

• Ivory   • White
• Black   • Almond

PANELCRAFTERS STANDARD RACK PANEL OPTIONS:

• Flat or Flanged
• Steel or Aluminum
• Anodized (Clear/Black) or Powder-coated (Black)

Packaging is uniquely designed to protect the plate surface and installed connectors during shipping and storage. The front and back of each package is open, allowing for easy viewing and inspection of the product face and back. These features also allow for enhanced inventory and project management.

WebBlox®

GO FROM CONCEPT TO COMPLETED PLATE DESIGN IN MINUTES!

DESIGN & QUOTING TOOLS

WebBlox is the premier custom plate and panel design tool in the AV industry. This free design and quoting tool gives you complete control over designing your own custom plate and panel layouts. All of PanelCrafters' standard panel sizes are available via simple drop-down boxes. Drag-and-drop any of our standard connectors into your design, specify the text you want, even add your logo, all in WebBlox's user-friendly environment. All of the panels you design are stored in your password-protected account.

WebBlox even provides a personalized proof page that you can print and provide to your customer for approval. Best of all, once your account is approved you'll have instant access to the part number and your dealer pricing for all the plates you design.

- Free service
- Design online 24/7
- Password protect your design
- Add your own logo
- Drag & drop, super easy interface

UK STYLE PLATES & INTERNATIONAL SIZES AVAILABLE

A COMPLETE OFFERING OF VALUE-ENGINEERED SOLUTIONS

KITTING AND STAGING
• Pre-cut bulk cable lengths
• Pre-assembled Keychain solutions
• Custom items
• Include your customer-supplied content
• Data, A/V, Power, Gear, Connectivity, Infrastructure

WIRE HARNESS ASSEMBLY & TERMINATION
• Custom-Made Bundles
• Labeled and Dressed out
• Wiring Diagrams and Color-coding
• End-to-End solutions

In the competitive A/V market, WESCO Assembly's value-added products give you the definite edge, providing the opportunity to best serve the needs of your customers, as well as the financial needs of your business. **Easy Deployment**. Order pre-installed, pre-tested hardware and fiber configurations designed to meet your specific project needs. Deployment is easier than ever — efficient, cost-effective, and ready to perform upon install.

RACK PRE-FABRICATION
• Assembly of Frames
• Accessory Kitting
• Installation of Wire Management
• Job-site Waste Reduction
• Assembly-line vs. Field Labor
• Logistics Coordination – JIT to site
• Q&A Design & Engineering Team

BEYOND A/V
• Electrical Assemblies
• Small to Large
  box-enclosure builds
• Mechanical Assemblies
• Control Boxes and Panels
• Custom terminal block/rail assemblies

PANELCRAFTERS IMAGE SERIES

CUSTOM PRINTING SOLUTIONS FOR EVERY NEED
The PanelCrafters' Image Series consists of digitally printed, precision cut, Lexan®overlays.

OUR CUSTOM PRINTING IS PERFECT FOR:
• Rack panel labeling
• Signs (i.e. warning, hazard, notification, instruction)
• Custom tags

Designs can simulate specialty finishes, wall colors, wood grain, wallpaper / marble.

PREFABRICATION SERVICES

WESCO Assembly's Prefabrication Services combines each of our custom-manufactured solutions offerings to design, produce, and deploy complete racking assemblies. Each unit arrives pre-assembled, fully tested, and ready to install.

Cabinet Identification Labels/Tags

Testing and R&D Troubleshooting

Rack / Cabinet / Enclosure Pre-Fabrication

Custom-made labels and panels with your logo

Cable identifiers and custom-made wire wrap around labels

Pre-Wiring of devices including wire management — Fiber and Copper

Loading Rack-mountable gear — either supplied or purchased from Liberty's selection of products

Device Configuration

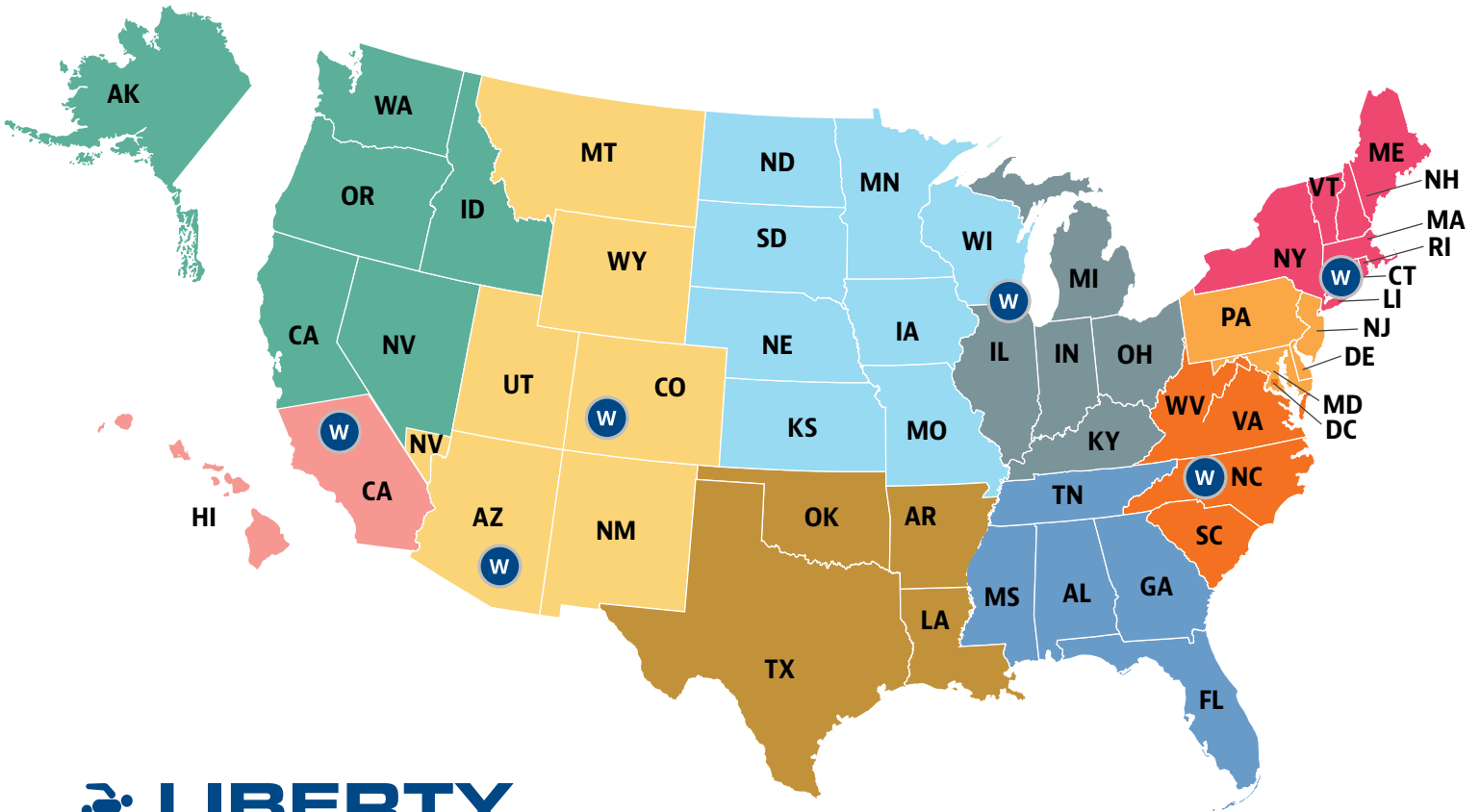**WHAT ARE THE BENEFITS OF PREFABRICATION?**

Reduced on-site waste

Requires fewer man hours

Faster installation

Efficient delivery

SALES TERRITORY

LIBERTY AV SOLUTIONS

WEST

● **TONY CARR**
WEST COAST REGIONAL MANAGER
951-733-5868 / tonycarr@libav.com
Matt Earl
719-388-7513 / mearl@libav.com

● **STEVEN GAMEROS**
714-435-9999 / sgameros@libav.com
Matt Earl
719-388-7513 / mearl@libav.com

● **MIKE FOGEL**
719-499-1080 / mfogel@libav.com
Jeff Peete
719-388-7548 / jpeete@libav.com

CENTRAL

● **GREG BALTZER**
MIDWEST REGIONAL MANAGER
612-205-8005 / gbaltzer@libav.com
Greg Rouse
719-388-7557 / grouse@libav.com

● **MATT HAYES**
847-778-8347 / mhayes@libav.com
Sean Le Maire
719-388-7555 / slemaire@libav.com

● **MIKE CELLURA**
214-883-6223 / mcellura@libav.com
Dee Brady
719-388-7515 / dbrady@libav.com

EAST

● **TOM O'HANLON**
516-375-3678 / tohanlon@libav.com
Dianna Nelson
719-388-7550 / dnelson@libav.com

● **BILL GEORGER**
908-910-1641 / wgeorger@libav.com
Heath Bucher
719-388-7523 / hbutcher@libav.com

● **JASON BRUCE**
704-654-7015 / jbruce@libav.com
Demetrius Apolinar
719-487-7638 / dapolinar@libav.com

● **KITTY WILLIAMS**
770-722-9658 / kwilliams@libav.com
Jeff Peete
719-388-7548 / jpeete@libav.com

ED JANKOWSKI
PRESIDENT, LIBERTY AV SOLUTIONS
602-723-1119 / EJankowski@libav.com

MIKE VIVIAN
VP SALES, LIBERTY AV SOLUTIONS
256-604-6362 / MVivian@wescodist.com

Ⓦ **Warehouse**
Colorado Springs, Colorado • Phoenix, Arizona • Gilberts, Illinois • Orange, CT • Buena Park, California • Charlotte, North Carolina

Choose WESCO Assembly
and NEUTRIK for your wall plate,
panel, and prefabrication needs.

WESCO®
ASSEMBLY

800-530-8998   sales@panelcrafters.com