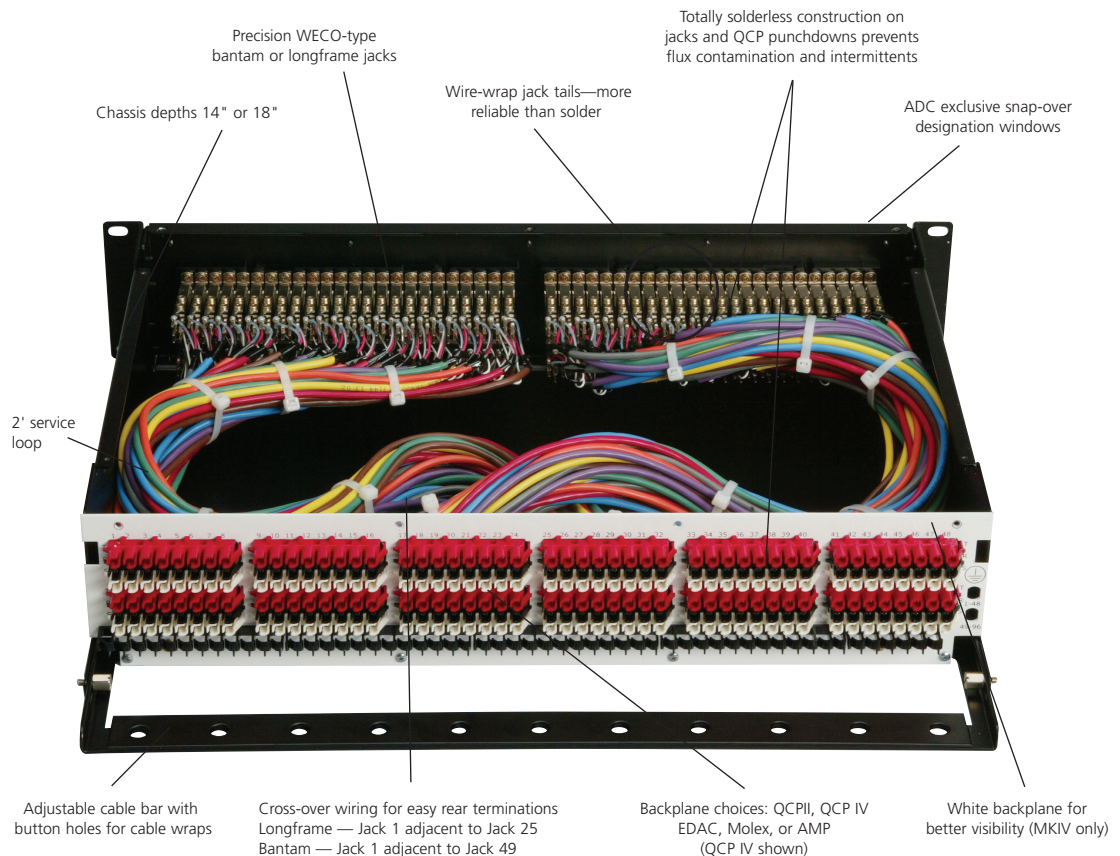
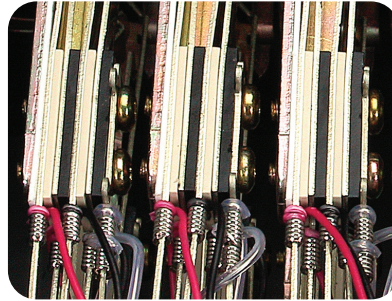




Pro Patch™ Professional Audio Patchbays

Audio Patchbays and Jackfields

Pro Patch™ professional audio patchbays and broadcast jackfields feature an extensive selection of jacks, panel sizes, normalling options, and rear terminations. Each panel contains ADC's high-quality, WECO-standard, frame-type jacks and includes a tough powder-coated chassis with built-in cable support and designation strips. Solderless internal wiring and terminations ensure completely dependable performance without intermittents. Termination options include the extremely reliable and quick-to-wire QCP II or QCP IV punchdown system as well as EDAC, AMP, and Molex connector options.



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Pro Patch™ Professional Audio Patchbays

Audio Patchbays and Jackfields

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Features

Next Generation Pro Patch Audio Jackfields

- Analog and digital compatible — all wired with precision 110 Ohm low capacitance cable for extended analog frequency response and extended distance digital transmission (no need to specify type)
- Uniform faceplate design with standardized designation strip lengths provides seamless appearance when matched with video panels (over and under designation)
- New lighter one-piece chassis design
- Adjustable cable strain relief bar — tilts out of way for installation access
- High impact plastic injected molded jack inserts — more durable than phenolic materials
- Standard Bantam jackfields come with regular (even) spaced inserts — stereo (group) spacing available

Digital Wiring

- Precision 110 Ohm digital audio cable

Variety of Jack Options

- Standard longframe jacks (evenly spaced)
- High-density bantam jacks, regular or spaced (stereo-spaced option available)
- Stereo-spacing option places jacks in pairs

Standard or Custom Sizes

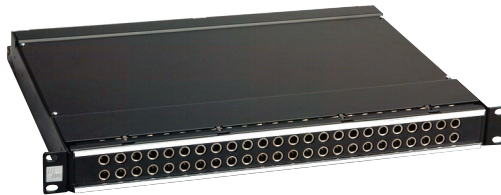
- 1 RU (1.75"/44.5 mm)
- 2 RU (3.5"/88 mm)
- Custom sizes available

Wide Selection of Terminations

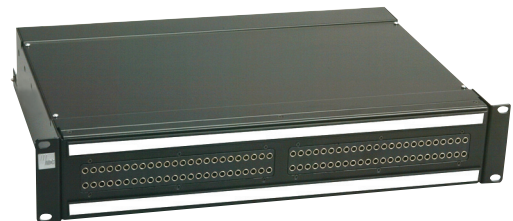
- Patented QCP II or QCP IV punchdown connectors
- EDAC/ELCO 90-, 56-, 38- and 3-pin plugs
- AMP 50-pin receptacle
- Molex 3-pin plug
- Ultra Patch panel with QCP IV, prewired umbilical (broadcast jackfields only)
- Stub end cut to length

Full Range of Normaling Options

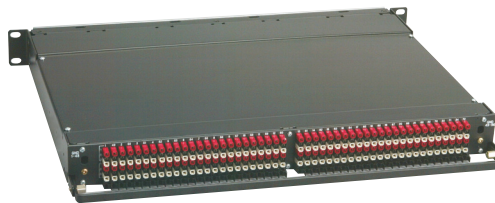
- No normals (requires looping plugs or cords for patch)
- Normals strapped (fully normalled)
- Half-normalled (monitor top row)
- Normals brought out
- Sleeve normals brought out
- Sleeves strapped
- Bussed grounds



PPA1-14MKIVNS
1 RU Longframe Evenly Spaced 2x24



PPB3-14MKIVNS
2 RU Bantam Evenly Spaced 2x48



PPA1-14MKIINS
1 RU Longframe Evenly Spaced 2x24 QCPII (Rear View)



Pro Patch™ Professional Audio Patchbays

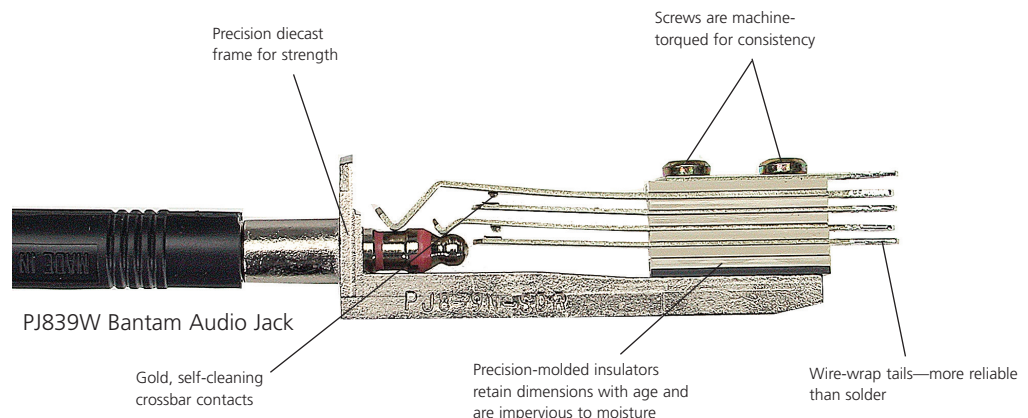
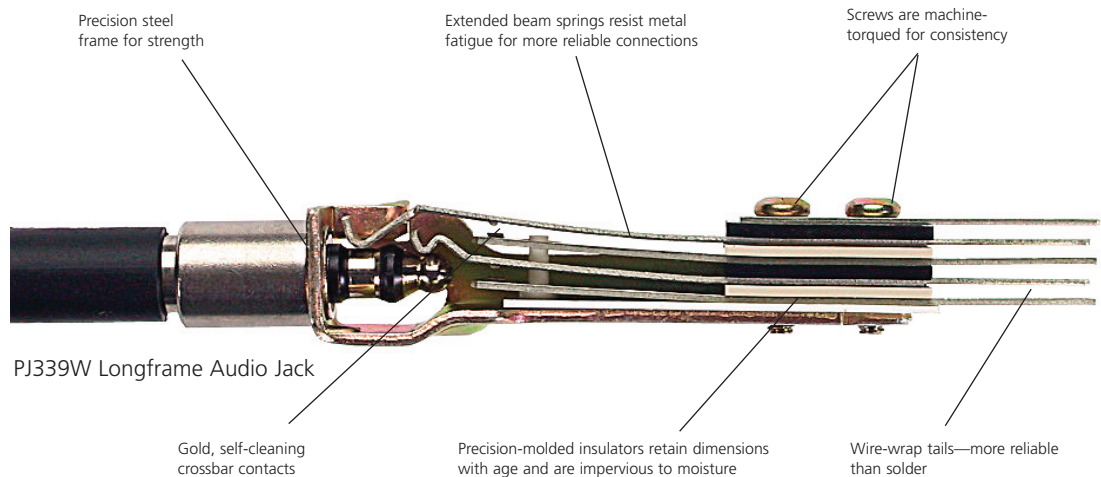
Audio Jacks

ADC's Premium Quality Audio Jacks

The quality of an audio jack is visible in the details. For example, inside ADC's jacks, the gold, self-cleaning crossbar contacts are designed to wipe across each other at an angle that removes debris with every plug insertion. Extended spring beams provide greater resilience for long life and firm contact force. Precision-molded insulators do not change dimensions even in tough environments, ensuring consistent spring torque and reliable performance.

Features

- All patch panels use WECO-standard jacks that adhere to MIL-STD-202F specifications
- Absolutely reliable WECO alloy #1 gold, self-cleaning crossbar contacts wipe away debris with every insertion
- Solder-free wire-wrap tails prevent intermittents from cold solder joints or flux migration. Far more reliable than solder
- Tested to withstand tough mobile applications, including vibration, temperature (-55°C to 85°C), moisture, and salt air





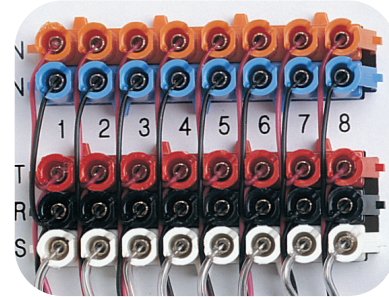
Pro Patch™ Professional Audio Patchbays

QCP Termination System

Time-saving QCP II and QCP IV Termination System

Innovative QCP connectors can really speed up an installation. No need to spend time prepping wires and laboriously soldering and crimping connector pins. Just insert the wire and punch. In one motion you have a reliable gastight connection, even with multiple wires. The unique patented design holds wire far more securely than telco-type punchdowns, preventing intermittents.

MKII panels use QCP II individual terminal insulators, which allow greater density and can be replaced individually. MKIV panels use QCP IV 1x8 terminal blocks insulated on both the front and back of the panel to prevent shorts.



QCP IV Connections

Features

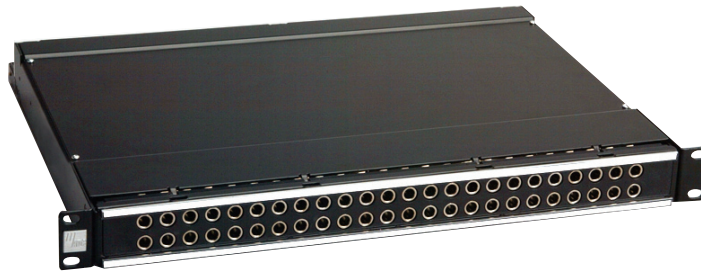
ADC's exclusive, patented QCP II and QCP IV split-cylinder punchdown termination system is faster and easier to install and more reliable than any other termination system, including solder.

- Dependable, durable, split-cylinder design holds up to three stranded or solid wires, 22 to 26 gauge (0.32 mm to 0.128 mm)
- No intermittents with gastight connections. Uniform split channel width holds each wire firmly, unlike telco punchdowns with V-shaped channels or soldered connections that use flux and may have unreliable solder joints
- Easy prelacing makes installation faster. Color-coding prevents wiring mistakes
- Labor-saving punch terminates and cuts wire in one simple motion. QCP IV installs even faster because you don't have to orient the tool before punching
- Faster and easier changes in circuits or normals than soldered connector systems. Rated for up to 200 insertions/withdrawals
- QCP II terminations are individually mounted and insulated for easy repair or replacement
- QCP IV terminations are mounted in 1x8 blocks insulated on both sides of the panel. This design, plus the recessed conductors, eliminates shorts

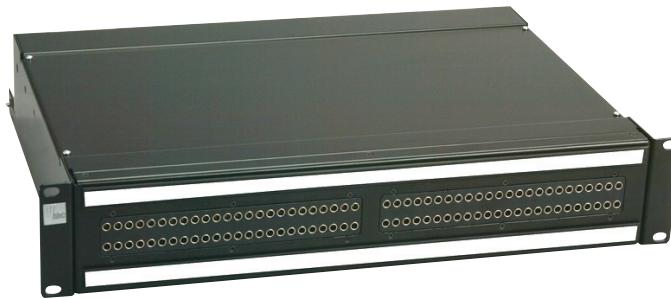


Pro Patch™ Professional Audio Patchbays

Ready to meet any analog or digital audio patching requirement, Pro Patch professional audio patchbays offer an extensive selection of options. Models are available with standard or stereo-spaced longframe jacks, bantam jacks, and a variety of backplane connector types. MKII models come with QCP II, EDAC, or AMP backplane connectors and fixed cable support bars. MKIV models include QCP IV, EDAC, or AMP backplane connectors, adjustable cable support bars and a white backplane for easier circuit visibility. All models offer a wide choice of normals, a tough powder-coated chassis, and solderless internal wiring for outstanding reliability.



PPA1-14MKIVNS
1 RU Longframe Evenly Spaced 2x24



PPB3-14MKIVNS
2 RU Bantam Evenly Spaced 2x48

Pro Patch™ Professional Audio Patchbays

Features

Choice of Panel Sizes

- 1 RU high (1.75 inches/44 mm)
- 2 RU high (3.5 inches/88 mm)
- Depths of 14 inches (350 mm) or 18 inches (450 mm)
- Custom panel sizes available

Longframe or Bantam Jacks

- Longframe jacks in 2x24 or 2x26 array stereo or regular spaced
- Bantam jacks in 2x48 array stereo or regular spaced

Wide Selection of Terminations

- QCP II or QCP IV punchdown connectors
- EDAC 3-, 38-, 56-, and 90-pin plugs

- AMP 50-pin receptacle

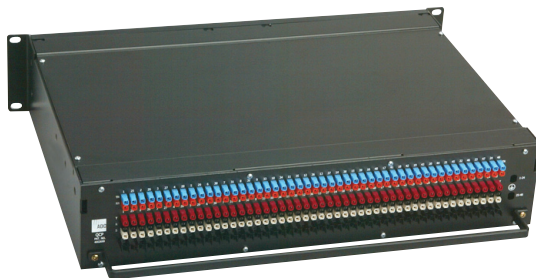
- Molex 3-pin plug

Full Range of Normalling Options

- No normals
- Normals strapped (fully normalled)
- Half-normalled (monitor top row)
- Normals brought out
- Sleeve normals brought out
- Bussed grounds

Digital Audio Cable

- Precision 110 Ohm digital audio cable meets and exceeds stringent AES requirements



PPB3-14MKIINO
2 RU Bantam Evenly-Spaced 2x24
(Rear view)



PPA3-14MKIV3ENS
2 RU Longframe 2x24 EDAC 3-Pin
(Rear view)



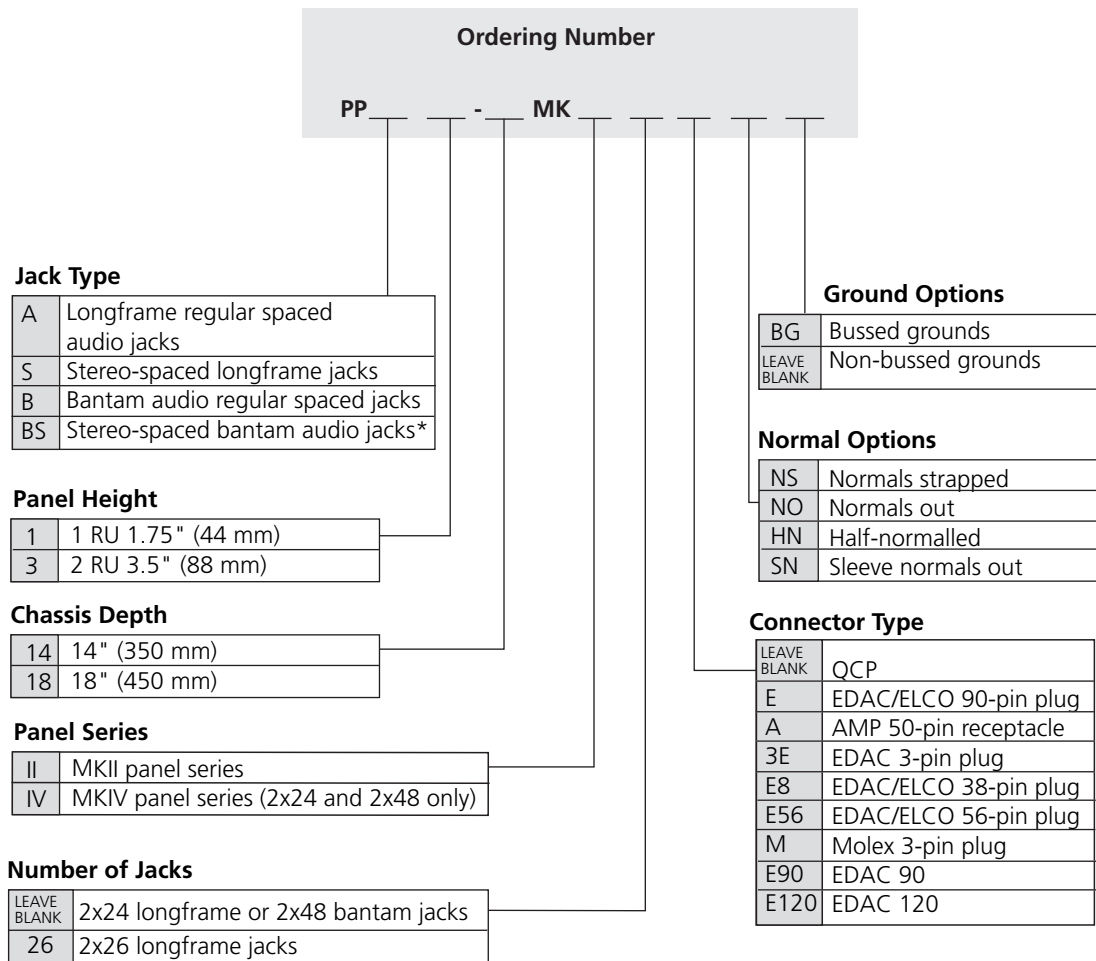
PPB3-14MKIVENO
2 RU Bantam EDAC 2x48
(Rear view)



Pro Patch™ Professional Audio Patchbays

Pro Patch™ Patchbays Ordering Information

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Example: PPA3-14MKII26NOBG — Pro Patch 2 RU panel, 14" deep with QCP II punchdowns, 2x26 array of longframe jacks, normals out audio normaling, and bussed grounds.

Note: For mobile applications rear chassis support is recommended. (SBK-1 and SBK02)

Digital Audio

Precision 110 Ohm digital audio patch cords are listed on page 36.

Use 110 Ohm 1% resistors on normals of unstrapped jacks (normals out version only).

* For information on this and other custom configurations, please contact ADC.

Connectorized panels are not supplied with mating shell kits (see Accessories, page 41)



Pro Patch™ Professional Audio Patchbays

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Ordering Information

Description	Ordering Number
Pro Patch Audio Patchbays	
Normals Out	
1.75" 2x24 longframe, QCP II, 14" chassis *	PPA1-14MKIINO
3.50" 2x24 longframe, QCP IV, 14" chassis	PPA3-14MKIVNO
3.50" 2x26 longframe, QCP II, bussed grounds, 14" chassis**	PPA3-14MKII26NO
3.50" 2x26 longframe, QCP II, 18" chassis**	PPA3-18MKII26NO
3.50" 2x24 longframe, QCP IV, 18" chassis	PPA3-18MKIVNO
3.50" 2x48 bantam, QCP II, 14" chassis	PPB3-14MKIINO
3.50" 2x48 bantam, QCP II, 18" chassis	PPB3-18MKIINO
3.50" 2x48 bantam, QCP II, bussed grounds, 14" chassis	PPB3-14MKIINOBG
Normals Strapped (Fully Normalled)	
1.75" 2x24 longframe, QCP IV, 14" chassis	PPA1-14MKIVNS
1.75" 2x26 longframe, EDAC 90-pin plug, 14" chassis	PPA1-14MKII26NS
3.50" 2x24 longframe, QCP IV, 14" chassis	PPA3-14MKIVNS
3.50" 2x24 longframe, QCP IV, 14" chassis	PPA3-18MKIVNS
3.50" 2x26 longframe, QCP II, 14" chassis**	PPA3-14MKII26NS
3.50" 2x26 longframe, EDAC 90-pin plug, 14" chassis	PPA3-14MKII26ENS
3.50" 2x48 bantam, QCP IV, 14" chassis	PPB3-14MKIVNS
1.75" 2x48 bantam, EDAC 90-pin plug, 14" chassis	PPB1-14MKIENS
3.50" 2x48 bantam, EDAC 90-pin plug, 14" chassis	PPB3-14MKIENS
Half-Normals (Monitor top row)	
1.75" 2x24 longframe, QCP IV, 14" chassis	PPA1-14MKIVHN
1.75" 2x26 longframe, QCP II, 14" chassis**	PPA1-14MKII26HN
1.75" 2x24 longframe, EDAC 90-pin plug, 14" chassis	PPA1-14MKII24EHN
3.50" 2x24 longframe, QCP IV, 14" chassis	PPA3-14MKIVHN
3.50" 2x24 longframe, QCP IV, 18" chassis	PPA3-18MKIVHN
3.50" 2x26 longframe, EDAC 90-pin plug, 14" MKII style chassis**	PPA3-14MKII26EHN
1.75" 2x48 bantam, EDAC 90-pin plug, 14" MKII style chassis	PPB1-14MKIIEHN
3.50" 2x48 bantam, QCP IV, 14" chassis	PPB3-14MKIVHN
3.50" 2x48 bantam, EDAC 90-pin plug, 14" chassis	PPB3-14MKIIEHN
No Normals (Requires looping plug or patch cord)	
1.75" 2x24 longframe, QCP IV, 14" chassis	PPA1-14MKIVNN
3.50" 2x48 bantam, QCP IV, 14" chassis	PPB3-14MKIVNN
Sleeve Normals Brought Out	
3.50" 2x24 longframe, QCP IV, 14" chassis	PPA3-14MKIVSN
3.50" 2x26 longframe, QCP II, 14" chassis**	PPA3-14MKII26SN

* 1 RU 2x24 normals out panel only available in QCP MKII version.

** 2x26 panels only available in QCP MKII versions.

Note: For mobile applications, rear chassis support is recommended. Order Pro Patch support bar kit (Ordering Number: SBK-1 or SBK-2); mounts on rear rack rails to support rear of panel.

Note: Bussed ground option available on all panels; please contact ADC for details.