



HPX – the dimmer you want

Finding the dimmer that suits your exact requirements is not always easy. You want a dimmer that has all the features you need but at a price that suits your budget.

But how often do you find yourself stuck in the middle: choosing between a top-end dimmer that does more than you need and costs a bomb, and a low-end dimmer that's the right price but simply doesn't cut it when the curtain opens?

Choice, choice, choice...

With the Jands HPX, YOU get to choose the features you want. Pick from a menu of the five most important dimmer features:

- Power: choose either 10Amps or 20Amps per channel depending on number and wattage of lights you want to connect to each channel
- Output: Triacs or SCRs, to suit 10 Amp or 20 Amp current requirements
- Connectors: Australian 3 pin, Socapex multi-pin, hardwire and other options for different countries
- Risetime: 110 microsecond or 220 microsecond to reduce lamp and dimmer noise and extend lamp life
- Phase: choose 3-phase or single phase operation

The HPX – the dimmer you want, however you want it.

Sophisticated software and hardware

Besides being completely flexible, the HPX includes a host of new attributes that make it one of the safest and most reliable dimmers around.

Overheating control

If HPX starts to overheat for any reason, it automatically reduces the power output to the lights so the show can go on. Others dimmers will simply shut down completely in this situation.

Safe troubleshooting

The HPX includes a test facility so you can turn each channel on and off to sort out and troubleshoot problems. Unlike other dimmers the HPX test doesn't just flash the light to full, but uses a soft-start channel activation to dim the lamp up, protecting your lamps and wiring.

Quiet operation

The HPX uses two temperature-controlled fans to minimise acoustic noise and operates from a wide voltage/frequency range. The HPX's filters minimise the sort of problems you get from noisy power supplies when connecting to portable generators or old building wiring.

Robust and easily serviced

The output devices on the HPX are easier to change than ever before and the we've recessed the circuit breakers to reduce the chance of damage while the equipment is being loaded in and out of your shows.

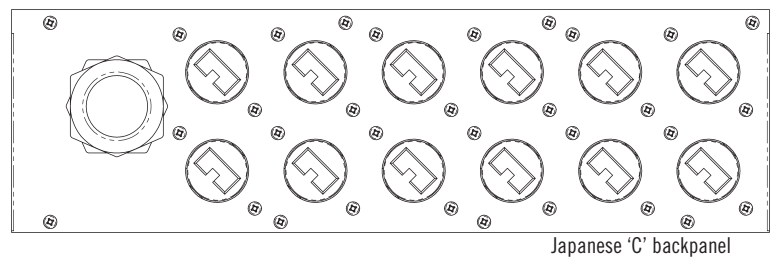
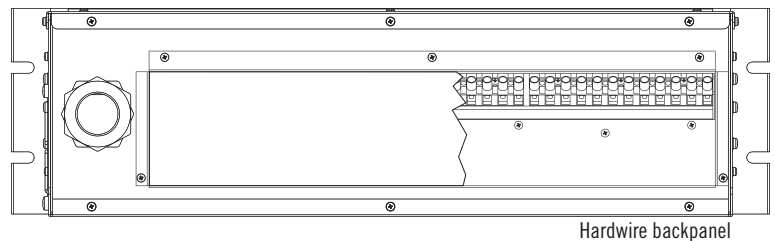
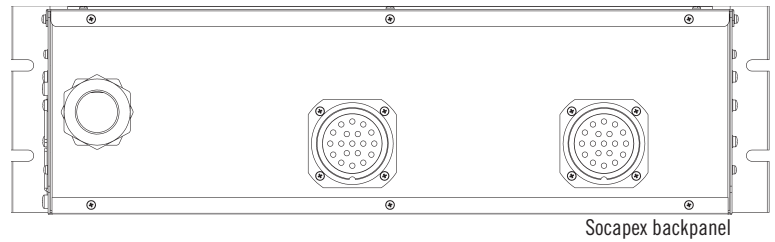
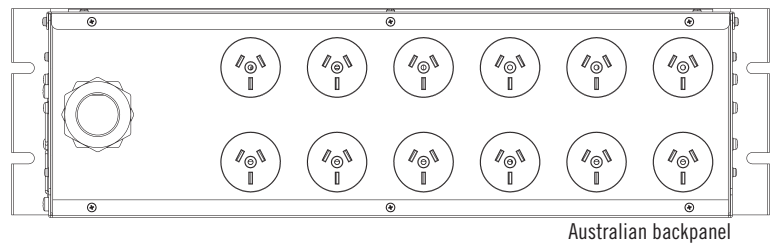
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Specifications

Channels:	6 or 12
Power rating:	10A or 20A per channel.
Mains type:	1, 2 or 3-phase with neutral
Mains voltage:	100 to 230VAC phase to neutral
Mains Frequency:	40-66Hz
Operating temp:	0 - 40°C max
Output protection:	Thermal/magnetic circuit breakers per channel
Control input:	ANSI E1.11 DMX512A protocol
Input connector:	5-pin AXR with loop-through socket and termination function
Dimmer curve:	Linear power or switched
Snapshot Scenes:	2
Output rise-time:	110µs or 220µs
Dissipation:	<1.0% of output load
User Interface:	3 x 7 segment red LED + 4 switches
Indicator Leds:	3 x blue, 2 x bicolour, 1 red, 1 x green
Start Channel:	Any number from 1 to 512
Test facility:	Individual channels
Ingress Protection:	IP20
Dimensions:	478mm(19")(W) x 450mm(D) x 133mm (3RU) or 177mm (4RU)(H)
Net/shipping weight:	Approx 22kg (Depending on configuration)



Supplied Accessories

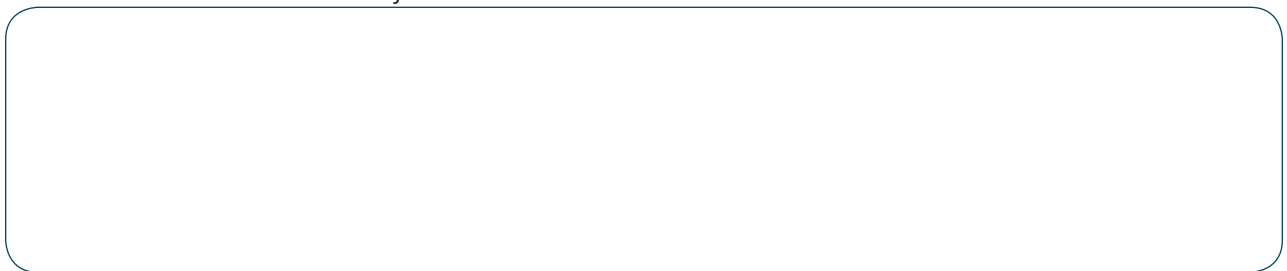
- 2m 3-phase lead and plug (Specify plug when ordering)
- Note:* lead and plug not supplied with hardwire product
- 2 x heavy duty rear mounting support brackets

Ordering Information – stock configurations

Model/Part	Part Number
• HPX 12 x 10A with Australian outlets	JND-HPX-AZ100
• HPX 12 x 10A with 2 Socapex outlets	JND-HPX-AZ101
• HPX 12 x 10A with hardwire outlets	JND-HPX-AZ102

Stock configurations use Triacs and have a 220µs output rise time. Contact your dealer for other configurations.

For further details contact Jands or your nearest Jands authorised dealer:



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