



## The FPX Dimmer – Mr Reliable renewed

For almost a decade now, the FP has been THE stalwart dimmer, giving schools, small theatres and rental companies an economical and reliable way to fade lights up and down. The FPX takes all the rugged reliability and simplicity of the FP and adds some great features.

### No-risk flashes

We've all seen circuit breakers pop when you flash a couple of Par-64s, this happens because the current surge can be up to ten times normal with a cold lamp. With the FPX this is a thing of the past: we've built in smart turn-on software that smoothes the current surge, preventing circuit breakers from tripping. With the FPX you can go from full-black to full-blast without fear of blowing a circuit.

### Road-proof and mistake-proof

In response to customer feedback we've embedded the circuit breakers in a recess so they won't get damaged when you're lugging your rig in and out. We've also added an auto-shutoff feature that switches the outputs off if there's no DMX signal for ten minutes – if someone switches off the control room but not the dimmers, the FPX will work this out by itself.

### Easier all round

With a completely re-designed front panel that includes a three-digit seven-segment, high-contrast display and easy-to-use buttons for testing and configuration, the FPX is safer, tougher and easier to use than ever.

*The FPX– still your favourite dimmer rack, just better.*

## Features

- 12 x 10A dimming channels
- DMX-512 digital control protocol
- DMX-512 terminating switch
- Soft turn-on characteristic
- Opto-fired Triac output devices
- Three mains phase indicator LEDs
- 'DMX-In' LED for DMX-512 signal indication
- 'Fault' LED for dimmer error condition indication
- Digital DMX start channel display
- Built-in test facilities
- Dimmer curve set for linear relationship between the control input and output power
- Compensates for fluctuations in the mains supply voltage and minimises the effect of superimposed control tones, ensuring a constant light output and increased lamp life
- Microprocessor control
- Single internal temperature-controlled DC fan
- Single or three phase operation
- Over-temperature cutouts
- Pre-heat facility
- Dimmer will hold last DMX value for a set time should control data be interrupted

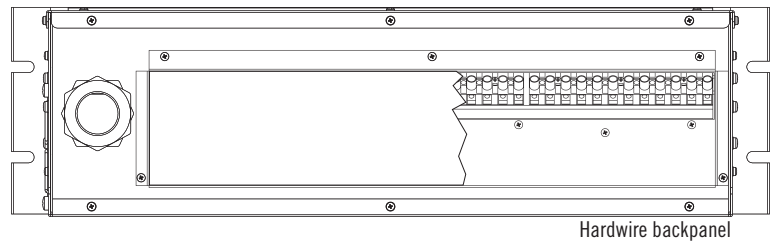
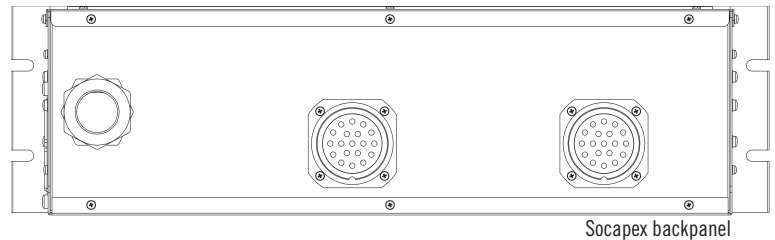
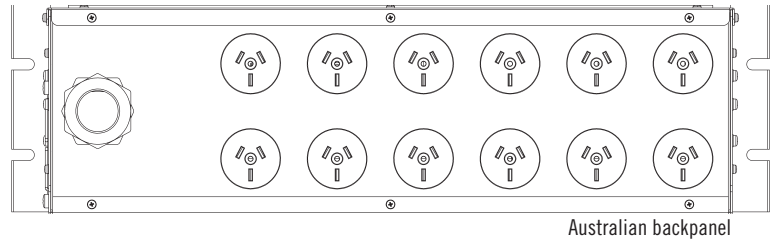
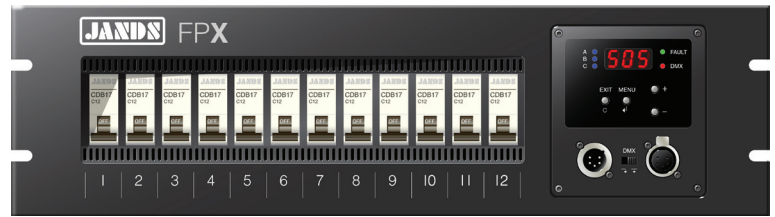
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## Specifications

Channels:	12
Power rating:	2.4 kW (10A/240V) per channel.
Power supply type:	3-phase, 240V phase-to-neutral (415V phase-to-phase) with earth.
Power requirements:	3-phase 240 VAC, 50/60 Hz, 40A per phase max, full size (40A) neutral required plus earth.
Supply current:	40 Amps per phase (max.)
Main input connector rating:	40A
Dissipation:	<1.0% of output load (288W max.)
Operating temp:	40°C max
Dimmer curve:	Linear power
Output connectors:	1 x 3-pin Australian 10 amp outlet per channel. (Others available, see ordering information below)
Output risetime:	> 100 $\mu$ s (10% - 90%) Output current risetime 110mA/ $\mu$ s
Output protection:	12 x 10A thermal/magnetic circuit breakers
Control input:	E1.11-2004 DMX512-A
Input connector:	5-pin AXR with loop-through socket and termination switch
Display:	3 x 7 segment, high brightness
Start Channel:	Increment by 12 channel bank
Test facility:	Individual channel on/off Phase/All 0,20,40,60,80,100%
Dimensions:	483mm(19")(W) x 400mm(D) x 132mm (3RU)(H)
Net/shipping weight:	18 / 22 kg



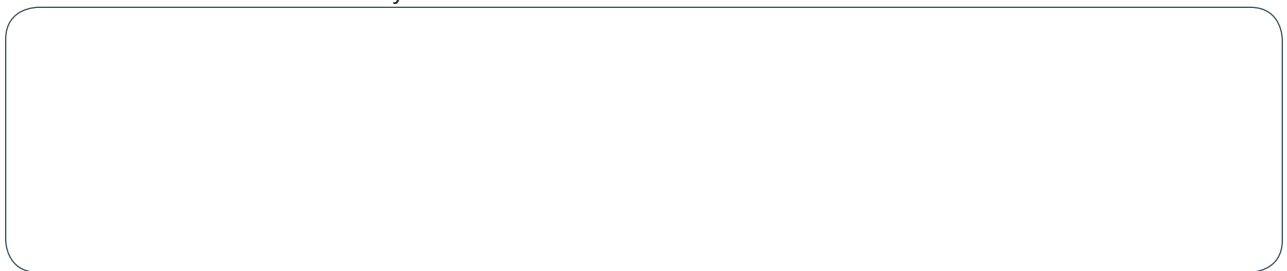
## Supplied Accessories

- Operating manual
- 2 x heavy duty rear mounting support brackets
- 2m 3-phase lead and plug (56P540 or equivalent) - Australian version only

## Ordering Information

Model/Part	Part Number
• FPX with 12 x 3-pin/10A GPO outlets	JND-FPX-A
• FPX with 2 x 6 circuit Socapex outlets	JND-FPX-S
• FPX with hard wired output back panel	JND-FPX-H
• Roobar II (3RU) stackable equipment rack	JND-ROOBAR3RU

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



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