WMX Dimmer

The WMX – bringing the road back home

The WMX is a high-quality, wall-mounted, 12-channel (2.4KVA) dimmer rack specifically designed for contracting and theatre applications. The Jands WMX takes all the winning features that have made the FPX dimmer a big hit with touring companies and applies them to fixed-installation operations.

With its simple menu for configuration and test options and its high-visibility LED display panel, the WMX is perfect for small theatres, schools, boardrooms, and other permanent installations.

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 WMX 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 WMX you can go from full-black to full-blast without fear of blowing a circuit.

Road-proof and mistake-proof

The WMX has an auto-shutoff feature that switches the rack off if it gets no DMX signal for ten minutes – if someone switches off the control room but not the dimmers, the WMX will work this out by itself.

Easier all round

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

The WMX – all the experience gained on the road, in your permanent installation.

Features

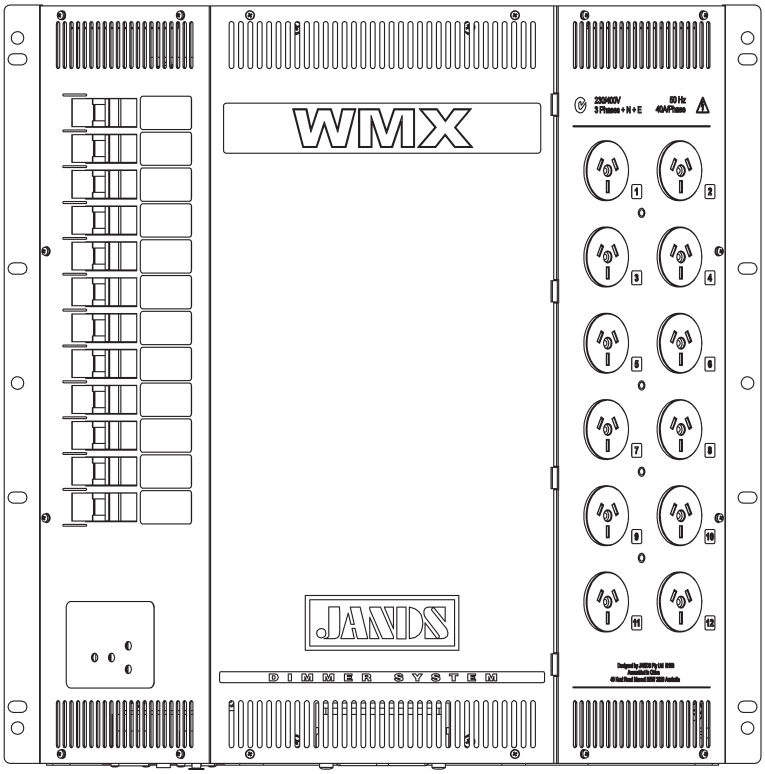
- 12 x 10A dimming channels
- DMX-512 digital control protocol
- DMX-512 terminating switch
- Soft turn-on characteristic
- Opto-fired Triac output devices
- Three mains phase indicator LEDs
- 'DMX-In' LED for DMX-512 signal indication
- 'Fault' LED for dimmer error condition indication
- Digital DMX 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

Manufactured by
JANDS
40 Kent Rd. Mascot NSW 2020 • Ph:(02) 9582 0909 • Fax:(02) 9582 0999 • www.jands.com.au

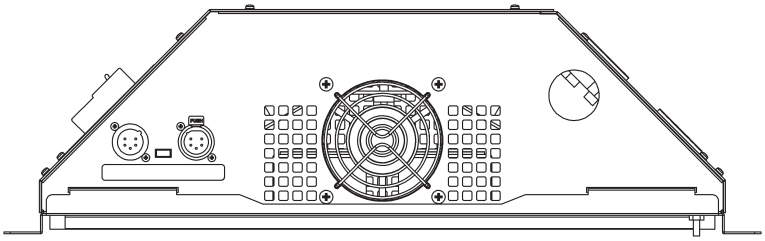
WMX Dimmer

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:	12 x Australian 3-pin 10 amp connectors or 2 x Socapex 19pin connectors or Hardwire terminal strip
Output risetime:	> 110 µs (10% - 90%)
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 158mm(D) x 485mm (11RU)(H) including wall mounting bracket
Net/shipping weight:	19 / 23 kg



Australian frontpanel


Hardwire backpanel

Supplied Accessories

- Wall/rack mounting bracket
- Operating manual

Ordering Information

Model/Part	Part Number
• WMX with 12 x 3-pin/10A GPO outlets	JND-WMX-A
• WMX with hardwire output	JND-WMX-H
• Extended wall mounting bracket	JND-WM-EBP
• Flex mains input wiring kit (Includes tail and 40A 5 pin plug)	JND-WMX-FLEX
• Complimentary patching system	Refer WM Patch sheet

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

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