

## ProDX Series Mixers

### ProDX4 • ProDX8

ProDX Series mixers bring powerful digital mixing to solo performers, small bands, venues and commercial applications that require lower channel counts with an intuitive, easy-to-use interface that looks great anywhere.

Keep it simple with its single knob design, perfect for quick and easy level adjustments. Get total wireless control via the MixerConnect™ app to unlock recallable mix presets, built-in processing like EQ and compression per channel and great-sounding ReadyFX™ effects.

Plus, with Bluetooth® streaming, you can wirelessly play back music or backing tracks right from your phone. ProDX mixers deliver the powerful benefits of digital mixing with wireless control in our most compact mixer designs ever.



### FEATURES:

- Simple and Intuitive
  - Control every level from the single knob front panel interface
  - Clean and professional design looks great anywhere
  - Ultra-compact for effortless transport and a perfect fit in tight spaces
  - Integrated control bridge holds your phone for a quick view of your mix
- Wireless Streaming and Control via the MixerConnect™ app on iOS and Android™
  - Stream music or backing tracks via Bluetooth®
  - Control levels, EQ, effects and more from anywhere
  - Recallable mix presets for quick setup
  - Place the mixer out of sight without losing any control
- Sound Your Best with Powerful Built-in Processing
  - Dial in your sound with musical 3-band EQ with low-cut per channel
  - No-hassle channel compression adds punch to any vocal or instrument
  - Sweeten your mix with 16 great-sounding ReadyFX™ reverbs, delays and choruses
  - Outputs feature a flexible graphic EQ for fine tuning your mix
- All the Right I/O
  - Wide-Z™ inputs for simple connection of mics, guitars, keyboards and more with no gain adjustments needed
  - Connect your media player via the stereo 1/8" input or stream wirelessly via Bluetooth®
  - L/R main outs to connect to your PA speakers, power amps or studio monitors
  - Aux send(s) allow you to create personal / multiple monitor or separate zone mix(es)
  - Headphone output for critical listening or silent practice



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## ProDX SERIES SPECIFICATIONS

### General Digital

|                 |        |
|-----------------|--------|
| Sample Rate     | 48 kHz |
| A/D/A Bit Depth | 24-bit |
| System Latency  | <2 ms  |

### Frequency Response

|                           |                             |
|---------------------------|-----------------------------|
| All inputs to all outputs | 20 Hz to 20 kHz, $\pm 1$ dB |
|---------------------------|-----------------------------|

### Noise / Crosstalk / Dynamic Range

|                                                                             |         |
|-----------------------------------------------------------------------------|---------|
| THD+N, Mic input to main output, -25 dBu input (20 Hz – 20 kHz, A-weighted) | <0.005% |
| Crosstalk                                                                   |         |
| Adjacent Inputs                                                             | <-85 dB |
| Outputs                                                                     | <-85 dB |
| Dynamic Range                                                               |         |
| Mic input to Main output, A-weighted                                        | 105 dB  |

### Maximum Levels (1% THD+N)

|               |                          |
|---------------|--------------------------|
| XLR Inputs    | -12 dBu                  |
| 1/4" Inputs   | +14 dBu                  |
| 1/8" Input    | +9 dBu                   |
| Main Out      | +14 dBu                  |
| Aux Out       | +14 dBu                  |
| Headphone Out | 180 mW into 600 $\Omega$ |

### Impedances

|                   |                                                    |
|-------------------|----------------------------------------------------|
| XLR               | 10 k $\Omega$ balanced                             |
| 1/4"              | >5 M $\Omega$ unbalanced                           |
| 1/8"              | 9 k $\Omega$ unbalanced                            |
| Phones output     | 10 $\Omega$ unbalanced                             |
| All other outputs | 100 $\Omega$ unbalanced /<br>200 $\Omega$ balanced |

### Channel Processing

|               |                                        |
|---------------|----------------------------------------|
| Low Cut       | Off, 20 Hz – 400 Hz,<br>12 dB / octave |
| Low Shelving  | $\pm 12$ dB @ 80 Hz                    |
| Mid-Peaking   | $\pm 12$ dB sweep<br>100 Hz – 8 kHz    |
| High Shelving | $\pm 12$ dB @ 12.5 kHz                 |
| Compression   | Single slider, off to max              |

### System Processing

|                |                                                       |
|----------------|-------------------------------------------------------|
| FX             | 16 presets                                            |
| Output GEQ     | 7-Band, $\pm 12$ dB,<br>125, 250, 500, 1k, 2k, 4k, 8k |
| Memory Presets | 3                                                     |

### Power

|                       |                                                                  |
|-----------------------|------------------------------------------------------------------|
| External Supply       |                                                                  |
| Power Requirements    | 100 – 240 VAC, 50/60 Hz,<br>Universal Supply,<br>18VDC, 0.5 Amps |
| Operating Temperature | 0° – 40°C<br>32° – 104°F                                         |

### Bluetooth Information

|                    |                                               |
|--------------------|-----------------------------------------------|
| Bluetooth Protocol | 3.0                                           |
| Bluetooth Function | Audio Streaming and<br>User Interface Control |



## ProDX SERIES SPECIFICATIONS continued...

### Physical Properties (packaged product)

|               |                  |
|---------------|------------------|
| <b>ProDX4</b> |                  |
| Height        | 6.3 in / 160 mm  |
| Width         | 8.2 in / 208 mm  |
| Depth         | 7.4 in / 188 mm  |
| Weight        | 3.0 lb / 1.4 kg  |
| <b>ProDX8</b> |                  |
| Height        | 6.3 in / 160 mm  |
| Width         | 11.0 in / 279 mm |
| Depth         | 7.4 in / 188 mm  |
| Weight        | 4.2 lb / 1.9 kg  |

### Physical Properties (product)

|               |                 |
|---------------|-----------------|
| <b>ProDX4</b> |                 |
| Height        | 3.0 in / 76 mm  |
| Width         | 6.3 in / 160 mm |
| Depth         | 5.5 in / 140 mm |
| Weight        | 2.2 lb / 1.0 kg |
| <b>ProDX8</b> |                 |
| Height        | 3.0 in / 76 mm  |
| Width         | 9.1 in / 230 mm |
| Depth         | 5.5 in / 140 mm |
| Weight        | 3.2 lb / 1.5 kg |

### Options

|                   |                |
|-------------------|----------------|
| <b>ProDX4 Bag</b> | P/N 2036809-40 |
| <b>ProDX8 Bag</b> | P/N 2036809-40 |

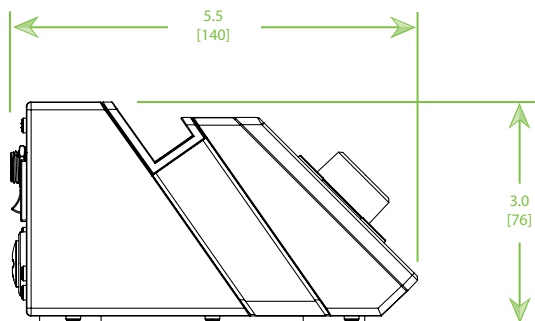
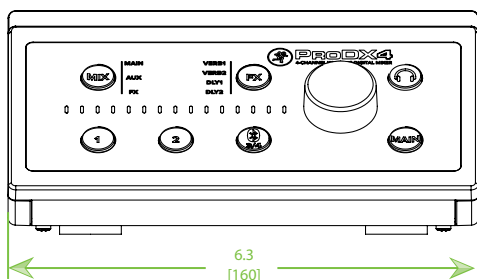
### Ordering Information

|                                                |                |
|------------------------------------------------|----------------|
| <b>ProDX4 4-Channel Wireless Digital Mixer</b> |                |
| US                                             | P/N 2046215-00 |
| EU                                             | P/N 2046215-01 |
| JP                                             | P/N 2046215-02 |
| UK                                             | P/N 2046215-03 |
| AU                                             | P/N 2046215-04 |
| CN                                             | P/N 2046215-05 |
| BZ (~120V)                                     | P/N 2046215-06 |
| <b>ProDX8 8-Channel Wireless Digital Mixer</b> |                |
| US                                             | P/N 2046216-00 |
| EU                                             | P/N 2046216-01 |
| JP                                             | P/N 2046216-02 |
| UK                                             | P/N 2046216-03 |
| AU                                             | P/N 2046216-04 |
| CN                                             | P/N 2046216-05 |
| BZ (~120V)                                     | P/N 2046216-06 |

## ProDX SERIES DIMENSIONS

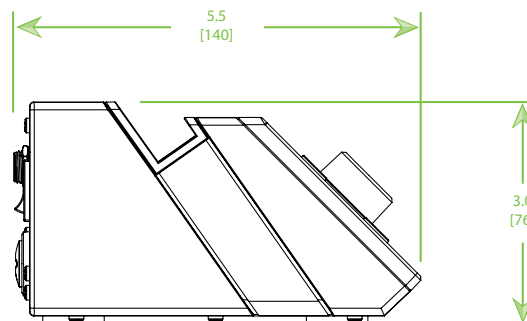
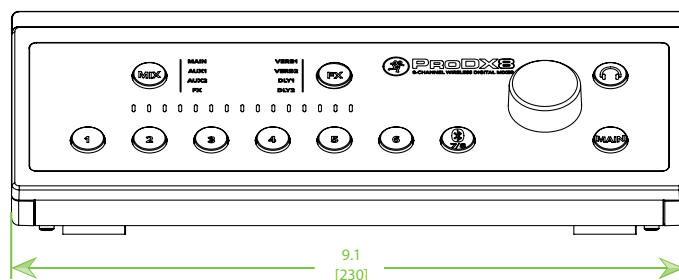
### ProDX4 NOTES:

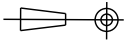
1. WEIGHT APPROX. 2.2 lb [1.0 kg]
2. SHIPPING WEIGHT APPROX. 3.0 lb [1.4 kg]



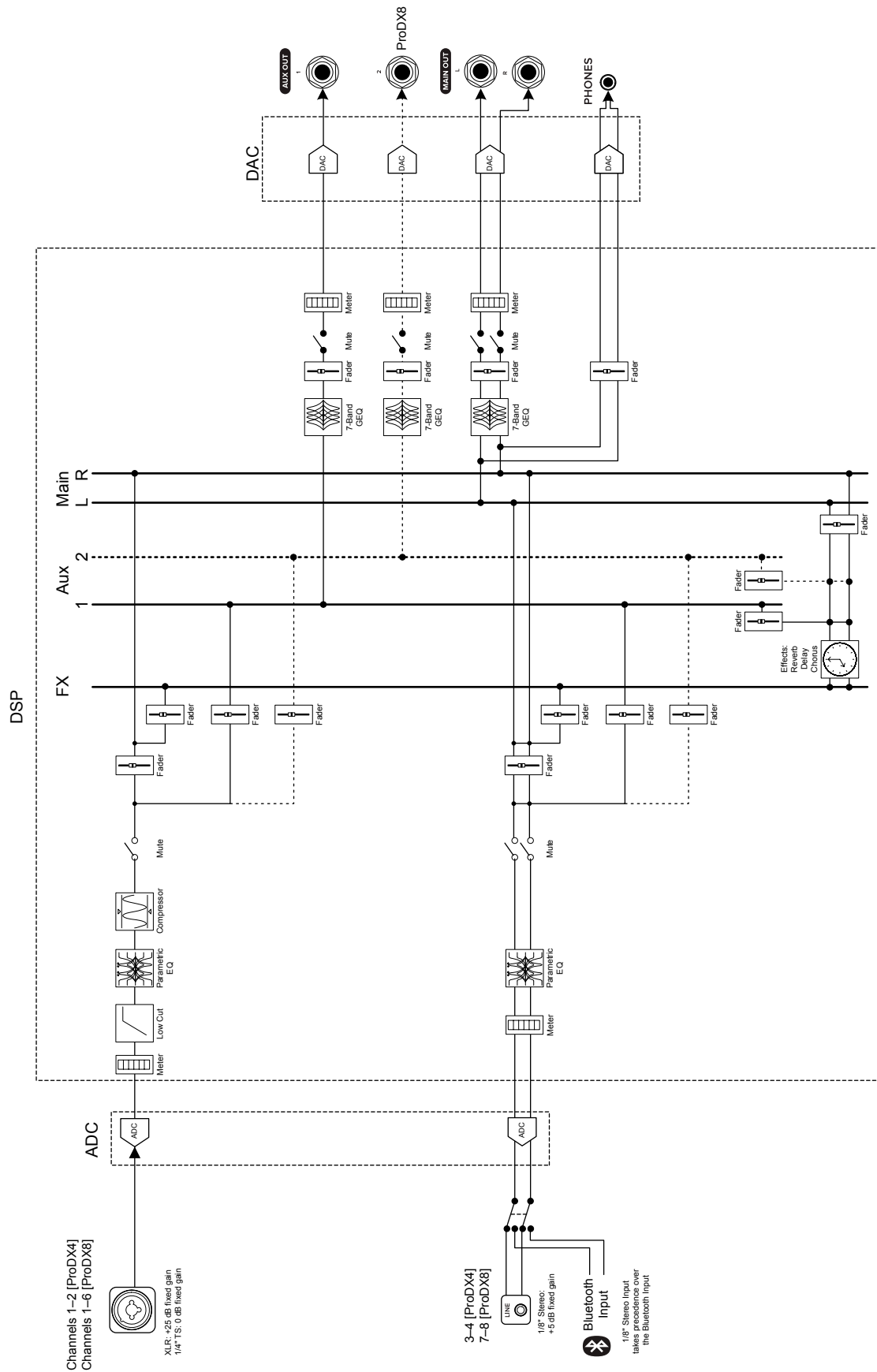
### ProDX8 NOTES:

1. WEIGHT APPROX. 3.2 lb [1.5 kg]
2. SHIPPING WEIGHT APPROX. 4.2 lb [1.9 kg]

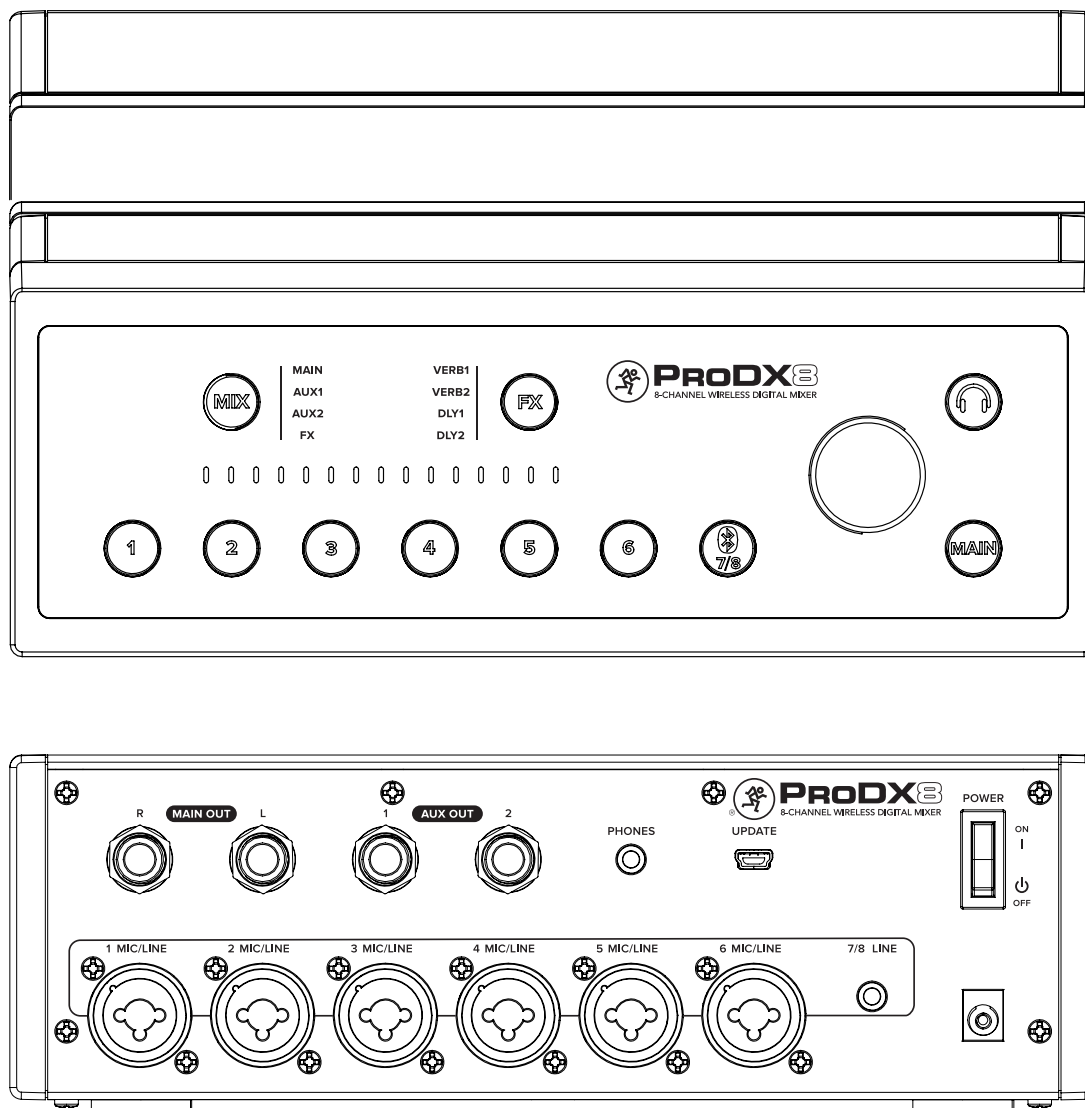


|                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                               |
|-------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>THIRD ANGLE PROJECTION</p>                                | <p>UNLESS OTHERWISE SPECIFIED:<br/>ALL DIMENSIONS ARE IN INCHES<br/>DUAL (MM) DIMENSIONS<br/>FOR REF ONLY</p> <p>TOLERANCE IN INCHES<br/>LINEAR <math>\pm 0.13</math> in / <math>\pm 3.3</math> mm<br/>ANGLES <math>\pm 1^\circ</math></p> <p>(X.XX) = REF DIMS<br/>NO TOLERANCE IMPLIED</p> <p>TSC = THEORETICAL SHARP CORNER</p> <p>DIMENSIONS ACROSS CENTERLINES<br/>TO BE SYMMETRICAL</p> |
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## ProDX SERIES BLOCK DIAGRAM



## FRONT AND REAR PANELS (ProDX8 SHOWN)



Electronic files for this product are available at:

[www.mackie.com](http://www.mackie.com)

ProDX Series Specification Sheet

ProDX\_SS.PDF

ProDX Series Owner's Manual

ProDX\_OM.PDF

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**MACKIE®**

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Part No. SW1154 Rev. B 04/16

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