



LIVE TO PLAY LIVE®



M238 ISO-BRICK™ POWER SUPPLY



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92503018757REVA

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DESCRIPTION

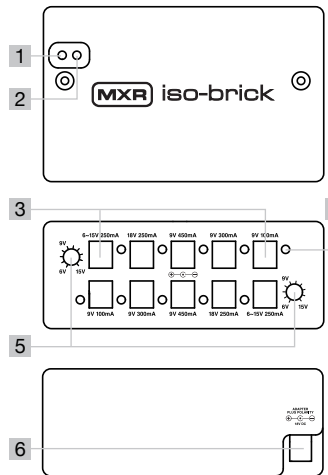
- 10 fully isolated outputs
- Quiet, noise-free operation
- Powers a wide range of pedal types—digital and analog, positive and negative ground
- Variable outputs can be used to emulate drained battery effect

CONTROLS

- 1 RED LED indicates bad input power connection
- 2 WHITE LED indicates good input power connection
- 3 POWER outputs power up to 10 pedals
- 4 BLUE LEDs indicate good output power connection
- 5 VOLTAGE controls set voltage level of variable 6–15V power outputs
- 6 18V @ 2000mA power input jack

POWER

The Iso-Brick Power Supply requires an 18V regulated power supply rated at 2000 mA, with 5.5mm x 2.1mm positive barrel, negative center plug. The included power adapter can utilize a wide range of wall power, from 100–240V at 47–63Hz. Comes with switchable US/Japan, UK, EU, and Australian plugs.



DIRECTIONS

- Connect included AC adapter into the Iso-Brick Power Supply's 18V IN jack.
- Plug the AC adapter into a wall outlet; the white power LED will light.
- Connect up to six pedals requiring 9V power to the six 9V OUT jacks using the included barrel-to-barrel cables. Be sure pedal's mA rating does not exceed output's indicated mA rating.
- Connect up to two pedals requiring 18V power to the two 18V OUT jacks using the included barrel-to-barrel cables. Be sure pedal's mA rating does not exceed output's indicated mA rating.
- Two outputs provide controllable voltage levels, from 6V to 15V. Use VOLTAGE controls to adjust. When using analog pedals require

ing 9V power, VOLTAGE controls can be used to reduce power and emulate the effect a dying battery has on certain pedals. Note: Not all analog pedals will operate below 9V. Check with manufacturer for operable voltage range. If your pedal is sensitive to input voltage level, use a voltmeter to set output voltage before connecting pedal. Be sure pedal's mA rating does not exceed output's indicated mA rating.

WARNING: Some pedals may be damaged if powered using a voltage that exceeds the level required by the manufacturer, e.g. powering a 9V pedal with 15V or 18V. We highly recommend staying at or below manufacturer's state voltage requirement. Dunlop assumes no responsibility or liability for equipment damage caused by misuse of the Iso-Brick Power Supply.

CONNECTION NOTES

- Included cables use industry standard 5.5mm x 2.1mm positive barrel, negative center polarity plugs.
- Each output features a blue LED. When lit, this LED indicates a good connection. If short-circuited or overloaded, this LED will turn off.
- The Iso-Brick Power Supply has six 9V outputs: two can handle 450mA, two can handle 300mA, and two can handle 100mA.
- Two 18V outputs can handle 250mA each.
- Two variable 6V–15V outputs can handle 250mA each.
- All outputs may be used simultaneously for a total power output of 31.8 watts.
- Combining Outputs: Any output may be combined with any other output when stacked in series. If combining outputs in parallel, only outputs of the same voltage may be used together.
- The Iso-Brick Power Supply's foldback current limiting circuit (FCLC) provides ultimate protection against power shorts and overloads. Even at full load, the Iso-Brick Power Supply operates coolly and quietly as a fully regulated power supply.

TROUBLESHOOTING

The power LED fails to light.

- Dead AC outlet. Try plugging into another outlet, or test the outlet with another device like a lamp.
- Faulty connection. Double check plugs to make sure they are inserted securely.
- Short-circuited output. Disconnect the cable from the output whose blue LED is off. Wait 5 to 10 seconds for the unit to reset, indicated when the blue LED comes on.

Power provided to some effects, but not others.

- Incompatible power plug. Check that the dimensions and polarity of the pedals are compatible with the provided cables.
- Faulty cord. Check by swapping the power cable with another known good cable.
- Faulty jack on Iso-Brick Power Supply. Check by plugging the power cable into a different DC jack.
- Faulty jack on the pedal. Test by running the pedal off battery power.

SPECIFICATIONS

INPUT	18V @ 2 Amps regulated supply (positive barrel negative center 5.5mm x 2.1mm plug)
OUTPUTS	6-15V @ 250mA (2) 18V @ 250mA (2) 9V @ 450mA (2) 9V @ 300mA (2) 9V @ 100mA (2) (all positive barrel negative center 5.5mm x 2.1mm)



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