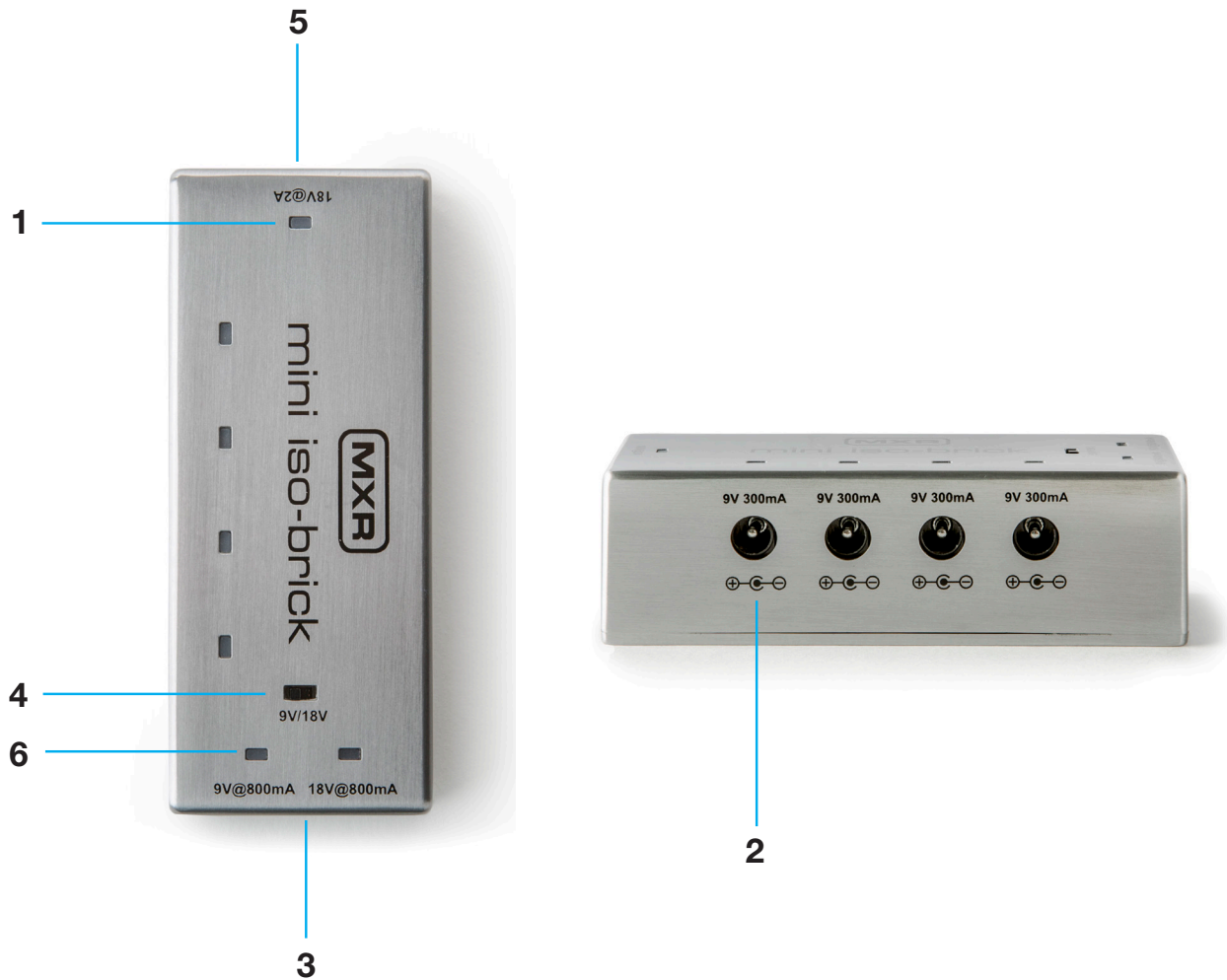




Mini Iso-Brick™

The Mini Iso-Brick™ Power Supply supplies quiet, noise-free DC power to wide range of pedal types while taking up less space than a candy bar. Each of its 5 outputs is fully isolated, eliminating gig-ending ground loop noise. Whether analog or digital, positive or negative ground, this little power box has you covered.

External Controls



- 1 WHITE LED indicates good input power connection
- 2 Four 9V DC outputs
- 3 One switchable 9V/18V DC output
- 4 9V/18V switch sets voltage output level of 9V/18V output (indicated by green LED)
- 5 INPUT jack 18V @ 2000mA power
- 6 GREEN LEDs indicate good output power connection

Basic Operation

Operation

Connect included AC adapter into M239's 18V INPUT jack.

Plug AC adapter into wall outlet; white INPUT LED indicates good connection.

Connect up to four pedals requiring 9V power to the four 9V OUT jacks using the included barrel-to-barrel cables.

Connect another pedal to the switchable 9V/18V output. Use 9V/18V slide switch to match pedal voltage (indicated by green LED).

Included splitter cable can be used to connect two pedals to a single output. Connect straight end to M239 output and right-angle ends to pedals' power inputs.

Whether connecting single pedal or multiple pedals via splitter cable, always be sure pedal mA ratings do not exceed output mA ratings.

WARNING: Some pedals may be damaged if powered using voltage that exceeds level required by the manufacturer, e.g. powering a 9V pedal with 18V. We highly recommend staying at or below manufacturer's stated voltage requirement. Dunlop assumes no responsibility or liability for equipment damage caused by misuse of M239.

Power

The Mini 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.

Basic Operation

Connection Notes

Included cables use industry standard 5.5mm x 2.1mm positive barrel, negative center polarity plugs.

Each output features a green LED. When lit, this LED indicates a good connection. If short-circuited or overloaded, this LED will turn off.

M239's four 9V outputs can handle up to 300mA each.

M239's 9V/18V output can handle up to 800mA.

All outputs may be used simultaneously for a total power output of 17.1 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 M239's foldback current limiting circuit (FBCL) provides ultimate protection against power shorts and overloads. Even at full load, the M239 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 DC output jack. 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	At 2 Amps regulated supply (positive barrel negative center 5.5mm x 2.1mm plug)
Outputs	9-18V @ 800mA (switched)
	(4) 9V @ 300 mA
	(all positive barrel negative center 5.5mm x 2.1mm)

*Note: Using a split cable allows you to share one output with two devices. Remember the straight plug is the end that goes into the Mini Brick DC output and the two 90° to the effects (this helps minimize ground return current noise). position.