

Beresford DORADO Power Supply Enhancer (REV1.1)

DESCRIPTION

The Dorado is a highly advanced next generation product that is designed to enhance the capability of any linear power supply that is used with our previous and existing products. The Dorado is capable of providing a far steadier load than a battery, with no charging time power supply ripple that mains connected power supplies require. This produces a more advanced power option for the device being driven by the Dorado, which in turn can make dramatic improvements to the sound you hear.

SAFETY CONSIDERATION

- 1. The Dorado has been designed to work with our own electronic products, which were designed to draw very low current. The Dorado has therefore been limited to draw no more than 250mA from the mains connected feeder power supply. The Dorado should therefore not be used to power other products that require more than 250mA and 15V DC.**
- 2. Do not short circuit any of the inputs or outputs on the Dorado.**
- 3. Switch OFF the Dorado when not in use or when plugging or unplugging cables or devices connected to it.**

CONNECTION METHODS and OPERATION

When using our optional 12Volt linear PSU (power supply).

Our optional 12V PSU is used as a continuous charger for the Dorado. In that scenario the Dorado is charged up to 15Volt even though the PSU is 12V.

1. Switch off the mains at the socket where you intend to plug the PSU into the mains.
2. Toggle the ON/OFF switch on the Dorado to the OFF position.
3. Plug the DC output socket on the 12V PSU into the DC INPUT socket on the back of the Dorado.
4. Toggle the voltage selector switch on the back of the Dorado to the 15V position.
5. Plug one end of the DC to DC cable into the OUTPUT socket of the Dorado.
6. Plug the other end of the DC to DC cable into the DC socket of the audio equipment you wish to use the Dorado with.
7. Plug the mains plug of the 12V PSU into the mains socket.
8. Switch on the mains at the mains socket.
9. Switch ON the Dorado. The LED on the front panel should turn red after a few seconds. Wait for several minutes until the LED turns GREEN.
10. You can now switch on your Dorado powered audio equipment.

When using your own 12Volt linear PSU

1. Switch off the mains at the socket where you intend to plug the PSU into the mains.
2. Toggle the ON/OFF switch on the Dorado to the OFF position.
3. Insert the DC output plug on the 12V PSU into the DC INPUT socket on the back of the Dorado.
4. Toggle the voltage selector switch on the back of the Dorado to the 12V position.
5. Plug one end of the DC to DC cable into the OUTPUT socket of the Dorado.
6. Plug the other end of the DC to DC cable into the DC socket of the audio equipment you wish to use the Dorado with.
7. Plug the mains plug of the 12V PSU into the mains socket.
8. Switch on the mains at the mains socket.
9. Switch ON the Dorado. The LED on the front panel should turn red after a few seconds. Wait for up to a minute until the LED turns GREEN.
10. You can now switch on your Dorado powered audio equipment.

When using a 15Volt linear PSU

1. Switch off the mains at the socket where you intend to plug the PSU into the mains.
2. Toggle the ON/OFF switch on the Dorado to the OFF position.
3. Insert the DC output plug on the 15V PSU into the DC INPUT socket on the back of the Dorado.
4. Toggle the voltage selector switch on the back of the Dorado to the 15V position.
5. Plug one end of the DC to DC cable into the OUTPUT socket of the Dorado.
6. Plug the other end of the DC to DC cable into the DC socket of the audio equipment you wish to use the Dorado with.
7. Plug the mains plug of the 15V PSU into the mains socket.
8. Switch on the mains at the mains socket.
9. Switch ON the Dorado. The LED on the front panel should turn red after a few seconds. Wait for up to a minute until the LED turns GREEN.
10. You can now switch on your Dorado powered audio equipment.