



# DM3

## User Manual

## Thank you!

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Thank you for choosing the sE Electronics DM3. We hope you enjoy using it as much as we've enjoyed designing and building it for you.

The DM3 is an active DI, employing the well-established DYNAMITE technology of our DM1 and DM2 inline preamps. Its Ultra Hi-Z input, massive headroom and dedicated Class-A output-buffer amplifier ensure that you'll always get the best out of your instrument. The DM3 can be directly connected to any Phantom-powered XLR input, with no need for an extra cable. Its compact size allows it to easily fit into your pocket, so the sound quality you're looking for is always at your disposal.

*Please note: The DM3 requires +48V Phantom power for operation.*

## Ultra Hi-Z input

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The DM3's ultra-high input impedance preserves the individual sonic character of your instrument without any compromise. Instruments with passive pickups (i.e. electric guitars, stringed instruments with piezo pickups, vintage high-impedance microphones) will especially benefit from the DM3's stunningly high input impedance of 10 MOhms.

## Attenuation pad

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For high-output instruments (i.e. electric guitars with active pickups, keyboards, drum machines) a three-position attenuation switch allows you to reduce the signal by 15 or 30 dB. This is useful if the signal level is too high for the input of your preamp or mixer.

*Please note: The switch is embedded in a recess to prevent unintended access; you will need a miniature screwdriver to change its settings.*

## Ground lift switch

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The DM3 features a dedicated three-position ground lift switch. In the **Off** position, the ground lift is deactivated. If you are experiencing unwanted hum or buzz, a ground loop might be causing this. Turning the switch to the **On** position will break any such loops, greatly reducing noise.

The switch's third position engages our innovative new **On\*** circuitry. The innovative electronic design can help to reduce unwanted noise, not only in the low-frequency but also in the in the high-frequency range. This is a great option if you are still experiencing a hissing sound or radio frequency interference with the ground lift engaged. Please be aware that results depend on the noise source; your individual setup and radio frequency environment (i.e., cell phone proximity, wireless broadband services, power supplies, Wi-Fi and Bluetooth devices, transformers). Not all humming or buzzing is generated by group loops.

*Please note: The switch is embedded in a recess to prevent unintended access; you will need a miniature screwdriver to change its settings.*

## **Lockable 1/4" input jack**

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The DM3's 1/4" input jack has a locking mechanism that prevents unintended disconnection. This is ideal for both studio and stage applications.

## **Powering**

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To ensure proper operation, your sE product requires a Phantom power source that provides 48 Volts according to IEC 61938.



### **Risk of damage**

Do not connect your sE product to any power supply other than a Phantom power source (input with Phantom power or external IEC standard Phantom power supply) with a floating connector, using a balanced cable with studio-grade connectors to IEC 268-12 only. This is the only way to ensure safe and reliable operation.

Please be aware that Phantom power cannot pass through TRS connectors. A balanced microphone cable with XLR connectors at both sides is required to provide Phantom power to a microphone.

## **Safety and maintenance**

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### **Warning**

The product may contain small, detachable parts, which may cause choking, personal injury, or death, especially in children. Please

exercise care in the use and handling of small parts and keep them away from children under four years of age.

- This product is safe under normal and reasonably foreseeable operating conditions.
- Do not open or modify the product.
- The product must be returned to the manufacturer or designated vendors for any service or repair.
- Do not disassemble or attempt to service this product.
- This is not a children's product and is not intended to be used by children under 14 years old.



### **Risk of damage**

Please make sure that any piece of equipment to which your sE product will be connected fulfills the safety regulations enforced in your country and is fitted with a ground lead.

## **Compliance**

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This product complies with relevant legal requirements for Restriction of Hazardous Substances (RoHS) and management of waste electronic and electrical equipment (WEEE).

For RoHS and WEEE information, go to <http://www.seelectronics.com/compliance>

Maintenance is not required for product compliance. Batteries, electronic and electrical equipment should not be disposed of with household waste. Wherever possible, they should be separated and brought to an appropriate collection point to be recycled and to avoid potential impact on the environment and/or human health. For more information, contact your local authorities or place of purchase, or visit

<http://www.seelectronics.com/recycling>



## **Warranty**

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sE Electronics warrants that its hardware product shall be free from defects in materials and workmanship beginning from the date of original retail purchase.

See <http://www.seelectronics.com/warranty> for specific warranty information about your product and procedures for a warranty claim.

sE Electronics' entire liability and your exclusive remedy for any breach of warranty shall entail, at sE Electronics' option, to repair or replace a functional equivalent of the product, or to refund the price paid, provided that the hardware is returned to the purchased location along with a receipt.

Warranty protections are in addition to rights provided under local consumer laws and may vary among countries. See the full warranty information to know your consumer rights and the additional protections provided by this product warranty.

Our headquarters:

sE Electronics International, Inc.  
448 Ignacio Boulevard, STE 411  
Novato, CA 94949, USA

Our R&D and manufacturing center:

EP Electronics 289 B2 West Songxiu Road, Shanghai  
201703, China

Full Warranty Information:

<https://www.seelectronics.com/warranty>

## Technical specifications

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Frequency range	10 – 120,000 Hz (-0.3 dB)
Input impedance	10 MOhms
Attenuation pad	15 / 30 dB, switchable
Max input level (0.5% THD)	19 / 34 / 49 dBV (9.0 / 51 / 285 V)
Output noise level (JIS-A)	1 $\mu$ V
Powering	Phantom power 48 Volts according to IEC 61938
Electrical impedance	86 Ohms
Recommended load impedance	>1k Ohms
Current consumption	3.8 mA
Connectivity	Input: 6.3 mm (0.25 in.) TRS jack Output: 3-pin male XLR connector
Dimensions	Diameter: 20 mm (0.79 in.) / Length: 95.5 mm (3.76 in.)
Weight	70 g (2.47 oz.)

## Support

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In case you have any questions about your new sE product, please do not hesitate to contact us directly:

<http://www.seelectronics.com/contact-us>

In the event that your new sE product is operating improperly, it must be returned to us as the manufacturer or to a destined vendor for any service or repair. For the fastest and most direct service, please contact your dealer first. If authorized service is required, it will be arranged by that dealer:

<http://www.seelectronics.com/dealers>

If you are experiencing difficulties with support or assistance, please do not hesitate to contact us directly:

<http://www.seelectronics.com/contact-us>

Lastly, please remember to register your new gear with sE to extend your warranty to a full three years:

<http://www.seelectronics.com/registration>

## Contact

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Feel free to contact us:

sE Electronics International, Inc.  
448 Ignacio Boulevard, STE 411  
Novato, CA 94949, USA

Our international distributors & sales representatives:

<http://www.seelectronics.com/contact-us>



sE Electronics®

**IMPORTANT**

**WARRANTY  
REGISTRATION**

Thank you for purchasing an sE product!  
You are automatically entitled to a two-year warranty  
but can extend this to a full three years with  
registration. To register your new equipment and to  
read the full warranty details, please go here:

<http://www.seelectronics.com/registration>

Sincerely,  
The sE Team