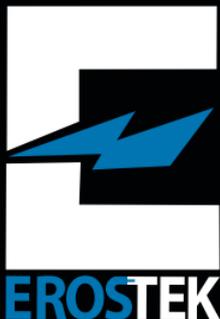
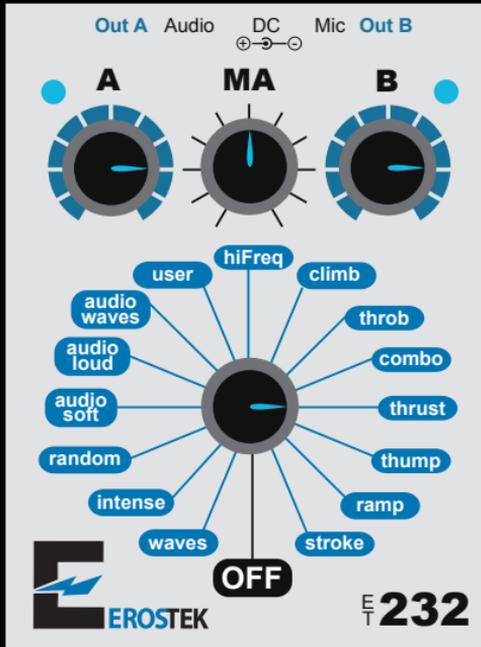


# ET232

## User Guide



## **IMPORTANT SAFETY INFORMATION**

Please Read This Entire Section Before Using!

Electrostimulation (e-stim) devices may cause serious harm. Certain persons should not use any e-stim device.

**PLEASE READ THIS SECTION BEFORE YOU STIM!**

If you have any concerns or questions, consult a qualified physician and ErosTek first.

**IMPORTANT!** E-stim devices are NOT for use by or on anyone with implanted electronic devices – pacemakers, defibrillators, drug pumps, etc. – heart problems, heart disease, epilepsy, brain disorders, nervous system disorders, a history of strokes or seizures, serious skin problems or similar medical conditions. Not for use by pregnant women, women who might be pregnant, or anyone under the age of 18. Current passed through the heart, neck or head can be fatal. **Keep away from children.**

Only healthy consenting adults who have read and understand all supplied information, warnings and operating instructions should use ErosTek products. If excessive or unusual soreness, numbness, pain, skin irritation or other conditions develop, discontinue use and consult a qualified physician and ErosTek immediately.

Like a power tool, e-stim devices may cause harm. By using any ErosTek product you acknowledge erotic e-stim has associated risks.

If you are unwilling to accept these risks, or are someone who should not use any e-stim device, please contact ErosTek and your dealer to arrange for a full refund.

## **Always follow these safety instructions to reduce e-stim risks:**

Make all connections and disconnections with the device turned off. Touching an electrode or making a connection with the device on may allow current to flow through the heart area.

Keep all connections and electrodes below the waist and always avoid running current through the heart area.

Use only attachments and accessories designed for safe e-stim. Electrodes should have at least 0.5 square inches (3.2 sq cm) of surface area (the size of a nickel) against the skin.

Do not connect to body piercings or electrodes containing toxic materials such as lead.

Consider the effects of any muscle contractions. For example, it's not a good idea to use electrodes on the legs of a standing person. The stimulation could make them fall.

Use care in operating the device until you're familiar with it. E-stim can cause muscle contractions and sudden stimulation at high levels can cause injury. If using a device on someone else, use it on yourself first until you're thoroughly familiar with it. Always start stimulation with the level turned all the way down and increase the level slowly.

Do not use erotic e-stim devices for more than 3 hours total a week.

ErosTek products are not intended to treat any medical condition.

Do not operate a motor vehicle or dangerous equipment while using e-stim devices. Do not use e-stim devices while sleeping, bathing, swimming or in very wet conditions.

Do not use a stimulation device on a person who is unable to respond or provide feedback in case a problem arises.

Never attempt to disassemble, repair or modify your e-stim equipment. Use only the AC adapter and/or type of battery specified for your device. Make all connections to the proper jacks. Connected equipment may be damaged if plugged into the wrong jacks.

### **Use Agreement:**

Use of the enclosed product(s) indicates full acceptance by the Purchaser of this Use Agreement. Purchaser acknowledges erotic e-stim has associated risks and agrees to be bound by all terms and conditions of this Use Agreement.

### **Limitation of Liability:**

Purchaser assumes all risk and liability for loss, damage or injury to Purchaser, others and property arising out of the use, misuse or inability to use ErosTek product(s) (the "Product"). ErosTek and their related companies, members, agents, employees, affiliates and consultants (collectively the "Manufacture") will in no event be liable to Purchaser, or any persons or entity claiming through Purchaser, for any direct, indirect, consequential, incidental or other damages under any theory of law for any use, misuse or inability to use the Product even if the Manufacture was aware of the possibility of such damages.

### **Indemnity:**

Purchaser hereby releases, and agrees to indemnify and hold harmless, the Manufacture from any and all claims, demands, causes of actions, liabilities, damages, costs and expenses, including reasonable attorneys' fees, arising out of the use, misuse or inability to use the Product.

### **Binding Arbitration:**

Purchaser agrees that any claim or dispute arising out of use, misuse or inability to use the Product shall be submitted to an independent and objective arbitrator for binding arbitration. The Purchaser agrees binding arbitration shall be the sole remedy for any claim and they expressly waive their right to file a lawsuit in any civil court seeking remedies from the Manufacture except to enforce a legally binding arbitration decision.

### **Non-Acceptance:**

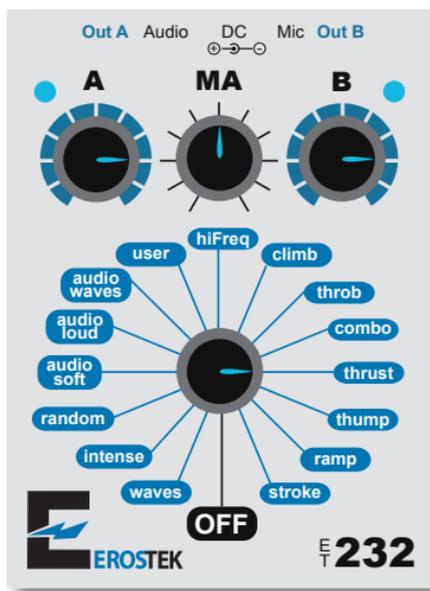
The Purchaser may return the unused product(s) for a full refund without penalty if they do not accept this Agreement.

## 1 — INTRODUCTION

The ET232 is a unique device offering advanced waveform technology in a small, easy to use package. **Before going any further, please make sure you have read the preceding IMPORTANT SAFETY INFORMATION starting on Page 2.**

The ET232 uses the same principles as popular muscle stimulation devices and should be used with care. The ET232 uses a special waveform made up of high frequency pulses. The resulting current stimulates the nerves and muscles in unique ways and flows between a pair of contacts (often called electrodes) connected to each channel of the ET232.

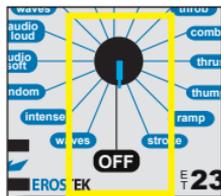
Some erotic e-stim accessories have a pair of contacts built in. These can be easily identified as they either will plug right into the ET232 or they have two connections points. Other electrodes only have a single connection and must be used in pairs. The leads supplied with the ET232 work with many popular erotic accessories.



## 2 — GETTING STARTED

The ET232 is simple to use. Let's get started!

1 – Turn the mode switch to “OFF”



2 – **Install** a fresh 9 volt alkaline battery in the battery compartment, or connect the supplied AC adapter to the DC jack.

3 – **Turn** each output control A and B fully to the left – minimum output level.



4 – **Connect** your accessories/electrodes to the Out A and Out B jacks. You must either use a two contact (bipolar) accessory or two individual electrodes (monopolar) with each output. Connecting only one electrode to each output channel will not allow current to flow, and therefore, produce no e-stim sensations at any output level setting. If you only need one output, use Out A and keep Out B turned all the way down.

5 – **Select** the desired mode by turning the mode control.

6 – **Slowly** increase the output control for each connected channel until the desired stimulation is felt.

7 – **Turn** the MA (MultiAdjust) knob to vary the effect of the current mode. Refer to pages 8 - 9 “Modes” for a description of each mode and the effect(s) controlled by the MA knob.

### 3 — CONNECTIONS & SAFETY

Like many things in life, electrostimulation is not without risks. E-stim must be performed properly and is not suitable for some people. **Read the IMPORTANT SAFETY INFORMATION starting on Page 2 before using your ET232.**

In general, e-stim should only be performed below the waist to avoid passing current through the heart, neck or head areas. Always turn the ET232 off when making, changing, or removing connections. The ET232 should only be used with accessories and electrodes designed for safe e-stim. Never make connections to body jewelry, needles or other electrodes with extremely small surface areas. Do not use electrodes made of toxic materials.

If you intend to connect the ET232 to someone else, you should experiment with it on yourself before connecting it to them. Never connect a single channel to more than one person at a time.

The ET232 has two output jacks labeled Out A and Out B. These accept a 3.5mm (1/8") mini plug which is the same connector used for many erotic e-stim devices and accessories. It's best to use the wire leads that come with your ET232 or other leads with a right-angle style connector. **Straight plugs can exert more lateral force on the jack inside the ET232 and may cause damage if handled roughly.** Connector damage is not covered under warranty.

There is a hole labeled "Mic" in between the DC adapter input and Out B. **This is NOT a jack!** It is an opening through which sounds from the immediate area are sensed by the internal microphone. This microphone is used in the audio modes whenever an external audio source is **not** connected via the "audio / link" jack.

You'll need erotic accessories or electrodes that allow the ET232 to be connected to the body. A wide variety of erotic electrodes are available and selection is a matter of gender and personal preference. Your ErosTek dealer can assist you in choosing the most appropriate accessories.

## 4 — MODES

The ET232 offers 15 modes (stimulation routines). They are easily selected using the Mode Control located in the lower center section of the front panel. When you change modes, the ET232 slowly ramps the level up over a few seconds to gently ease into the new mode. This prevents any sudden surprises.

The **MA** or **MultiAdjust** knob generally controls one or more aspects of the selected mode, as described in the right hand column of the chart below.



MA = MultiAdjust

**MultiAdjust**

Speed of waves

**WAVES** - Constantly varying sensations that are different but coordinated between the channels. Sometimes the surf gets wild, sometimes it's calm...

**INTENSE** - Provides an unmodulated waveform that either toggles between the channels or is on full time in both channels. MA adjusts the pulse frequency with the highest frequency at the 12-o'clock position. The left of the MA range toggles the channels while the right half is steady.

Pulse  
Frequency  
and  
Toggle/Steady

**RANDOM** - Never the same twice. Provides sensations similar to waves but with more variety and changing themes.

No Effect

**AUDIO SOFT** - Picks up even a whisper! Best used for BDSM play to give the sub a desire to remain quiet or to pick up soft music or speech. Must be used in quiet area. The output is the same in both channels.

No Effect

**AUDIO LOUD** - Like Audio Soft but provides adjustable audio sensitivity so you can control how sounds are sensed by the microphone. Can also be used with an external audio input connected to the Audio jack.

Audio  
Sensitivity

## 4 — MODES (continued)

## MultiAdjust

**AUDIO/WAVES** - This mode features a split with Audio Soft on Channel A and Waves on Channel B

Audio  
Sensitivity

**USER MODE** - Same as Hi Freq (below).

Out B Rate

**HI FREQ** - This is a unique higher frequency mode that produces even smoother sensations. MA varies the spacing between Outputs A and B. Simulates “SlightestTouch” erotic stim units when used at lower output levels.

Out B Rate

**CLIMB** - This mode offers a climbing pulse frequency that gradually grows more intense.

Climb rate

**THROB** - This mode is a more intense version of Hi Freq. It offers a deep throbbing sensation.

Pulse  
Frequency

**COMBO** - This mode is similar to Waves except the channels can be toggled back and forth at an adjustable rate.

Toggle Speed

**THRUST** - This popular mode produces a highly erotic thrusting sensation.

Thrust Speed

**THUMP** - This is mainly a BDSM mode. It provides random “thumps” to the body that are randomly spaced apart. Both output channels operate independently of each other.

Thump Rate

**RAMP** - This is a highly erotic mode that uses multiple synchronized ramps between the two channels. It is best used with both channels connected.

Level  
Modulation

**STROKE** - This mode uses a different waveform than Thrust. It creates a different feel on each stroke. The relative level of this mode might be stronger than the other modes so you may want to reduce output levels a bit when switching to and from Stroke.

Stroking Rate

## 5 — AUTO SHUT OFF and BATTERY OPERATION

If the LEDs flash back and forth in a pattern, the battery is likely low and should be replaced with a fresh alkaline battery.

The ET232 is turned on and off with the Mode Control. Because it is possible to accidentally turn it on, it is always best to remove the battery before transporting it. If the ET232 is left in the same mode for more than an hour, it will partially shut off automatically to help prevent the battery from being drained. To resume operation, simply select a new mode.

## 6 — AC ADAPTER OPERATION

To use the supplied AC adapter, connect the adapter to a AC mains outlet and plug the low-voltage cable into the jack marked “DC” on the ET232. The internal 9 volt battery can be left connected while the adapter is in use.

## 7 — TIPS FOR SUCCESSFUL E-STIM

If you find yourself turning the level all the way up, something is probably wrong. Most types of electrodes must be thoroughly moist to work properly (except stick on TENS-style electrodes). Electrode gel designed for use with TENS units is best. Some conductive rubber accessories may limit the intensity by design.

**Current will only flow between two contacts.** Smaller contacts usually feel more intense compared to larger ones. If the contacts used on a given channel are much different in size, most of the sensation will usually be concentrated at the smaller surface area.

Keep in mind that electrodes used near muscles may cause powerful muscle contractions at higher settings. Increase levels gradually and use caution if using the ET232 on someone else.

The body gradually adapts to electrostimulation so either more current is required after sustained stimulation or the electrodes should be moved to a fresh area. The wider the variety of stimulation, the slower the body adapts. It's normal for sustained (especially intense) stimulation to leave the area temporarily numb. Keep this in mind depending on what other activities you may have planned. Prolonged numbness is NOT normal. Please refer to pages 2 - 3 “Important Safety Information.”

## 8 — CARING FOR YOUR ET232

The ET232, like most electronic devices, should be treated with reasonable care. Don't get it wet, drop it, leave it in the sun, etc.

**Do not use the ET232 with or near “violet wand” devices. Their extremely high voltages can damage or interfere with many electronic devices including the ET232.**

Remove the battery before traveling with, packing, shipping or storing the ET232 for extended periods.

Do not use solvents or alcohol to clean the unit. Use only a soft cloth. If the unit has been exposed to unusually hot or cold temperatures, let it adjust to room temperature before using it. Keep liquids out of it. Do not attempt to modify or repair the ET232 yourself.

## 9 — TROUBLESHOOTING

Your ET232 uses high quality components and was carefully tested at our factory. If you're having trouble, check the following before assuming something is wrong with it:

**Unit Stops Working** – if the LEDs flash back and forth in a pattern, the battery is likely low and should be replaced (or connect the AC adapter). If you continue to experience the flashing LEDs with a fresh alkaline battery or with the AC adapter connected, contact ErosTek for assistance.

If you experience other problems with your ET232 – not turning on, or unexpected behavior – disconnect the AC adapter, remove the battery, wait a few seconds, and replace the battery or connect to AC adapter. This resets the device and restores normal operation.

The audio input accepts a stereo 1/8" (3.5mm) mini plug, the signal of which is mixed to mono and designed to be connected to the headphone jack of music players, computer headphone jacks, etc. Do not apply more than a 2 volt max RMS signal to this jack.

## 10 — SPECIFICATIONS

**Height:** 4.40" (111 mm)  
**Width:** 3.25" (83 mm)  
**Depth:** 2.15" (55 mm)  
**Weight:** 0.35 lb (160 g) without battery  
0.45 lb (205 g) with 9-volt alkaline battery

**Battery:** 9-volt alkaline battery (type 6LR61 or equivalent)

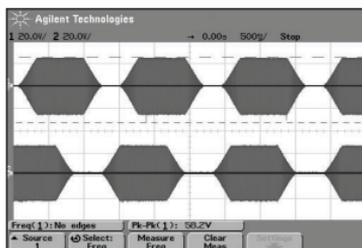
**Adapter:** 15 VDC regulated (or 12 VDC unregulated)  
400 mA or greater capacity  
2.1 mm ID x 5.5 mm OD x 13 mm long  
Center positive (+) polarity

### Audio Input:

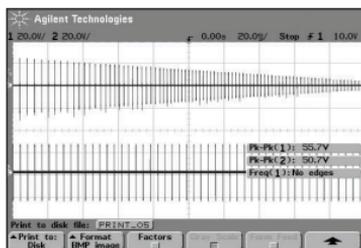
Monaural audio input via stereo 1/8" (3.5mm) plug  
2.0 volt max RMS

Each mode dynamically changes over time. The following output specs are measured under no load. Sensations will vary widely depending upon electrode selection and placement. Outputs are transformer isolated from each other.

Voltage:  $\approx$  80 volts peak-peak max  
Frequency:  $\approx$  300 Hz max  
Current: Varies with load (0 - 150mA)  
Energy: Duty cycle limited  
Safety Features: Real-time monitoring of output current  
Auto OFF during low voltage or error  
Power on self test



**Long-term view of outputs** showing envelope shapes, ramping and equal time in positive and negative states



**Real-Time view of outputs** shows narrow pulse widths and bipolar symmetry

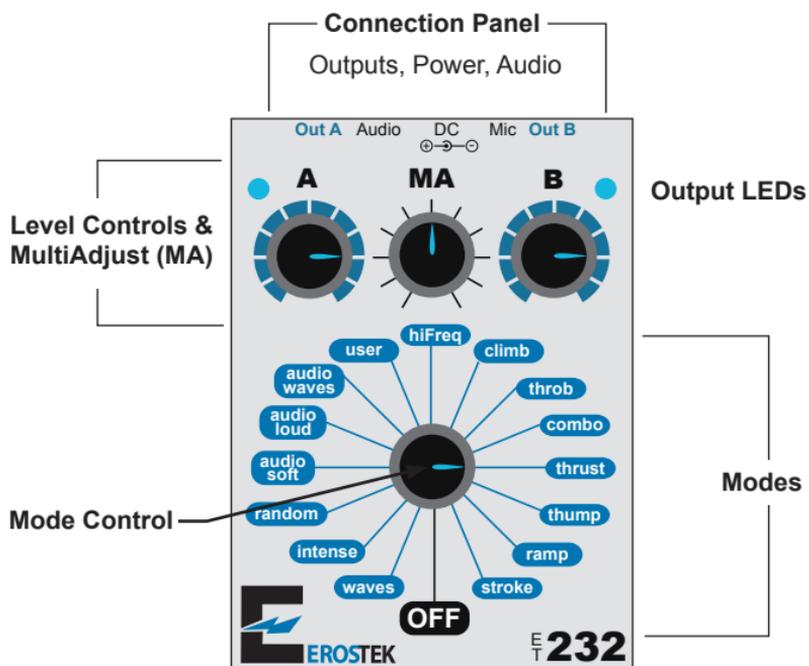
## **11 — WARRANTY AND CUSTOMER SERVICE**

### **USA Limited Warranty**

ErosTek products purchased by customers residing in the USA are warranted against manufacturing defects for one year from the date of purchase by ErosTek. This warranty does not cover misuse, abuse, wear and tear, batteries or products which have been disassembled or tampered with. There are no express warranties other than those listed here and no warranties whether express or implied, including, but not limited to, any implied warranties of merchantability or fitness for a particular purpose. No other warranty of any kind, verbal or written, shall bind ErosTek and their related companies, members, agents, employees, affiliates and consultants (collectively the "Manufacture"). Further, the Manufacture shall not be liable for direct, indirect, incidental or consequential damages caused by the use, misuse or inability to use the product regardless of the legal theory on which the claim is based. Without limiting the foregoing, Purchaser assumes all risk and liability for loss, damage or injury to Purchaser, others and property arising out of the use, misuse or inability to use the product. Recovery of any kind against the Manufacture shall not exceed the purchase price of the product. Any claim or dispute arising out of, or related to, use of ErosTek products shall be submitted to an independent and objective arbitrator for binding arbitration. Binding arbitration shall be the sole remedy for any warranty dispute or claim and, by acceptance of the Use Agreement, the Purchaser expressly waives their right to file a lawsuit in any civil court seeking remedies from the Manufacture except to enforce a legally binding arbitration decision.

ErosTek will repair or replace defective products at no charge as stipulated herein with new or reconditioned parts or products during the warranty period. Contact ErosTek for more information on obtaining service. A copy of the dated sales receipt is required for warranty repairs. The customer is responsible for shipping costs and properly packing the unit. Warranty rights vary from state to state. This Limited Warranty shall not extend to anyone other than the original purchaser, is nontransferable and states your exclusive remedy.

## 12 – FRONT PANEL LAYOUT



# Important!

Customers who use the ET232 do so at their own risk understanding that the ET232 may be harmful if misused.

**Please understand that, given the nature of electro-stimulation, ErosTek cannot be liable for any damage or harm of any kind caused by or related to ErosTek products.**

Treat the ET232 like any power tool. It must be used properly or serious injury may result.

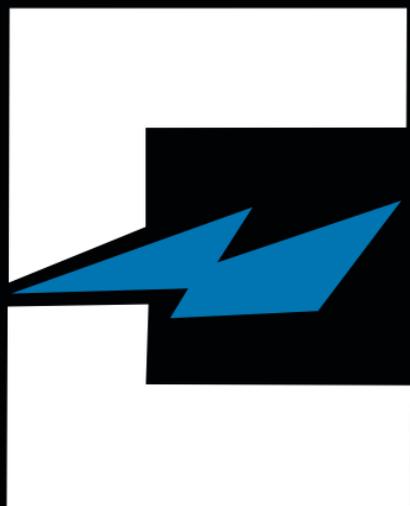
## Customer Service

If you have comments, questions, or would like to share your thoughts, please check our website for more information and feel free to send e-mail.

**Email:** [sales@erostek.com](mailto:sales@erostek.com)

**Store:** [shop.erostek.com](http://shop.erostek.com)

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ET232 User Guide, Revision 1.6.1



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