

# EroSTek



## ET-301R User Guide

Important Safety Information Inside  
**PLEASE READ BEFORE USING!**

# IMPORTANT SAFETY INFORMATION

## Please Read This Entire Section Before Using!

**CAUTION:** The ET-301R, like most electrostimulation devices, can cause serious harm if misused. Always make all connections with the power off. Current passed through the heart, neck or head can be fatal.

If you have any doubt about the safe use of electrostimulation, consult a physician and Eros Tek before using.

Use the ET-301R at your own risk understanding that the ET-301R may be harmful if misused. Given the nature of electrostimulation, Eros Tek cannot be liable for any damage or harm of any kind caused by or related to Eros Tek products. Treat the ET-301R like a sharp knife or power tool. It must be used properly or serious injury may result.

Not for use by anyone with a heart condition, heart disease, epilepsy, a history of strokes or seizures, implanted electronic devices (i.e. pacemakers, defibrillators, drug pumps, etc.) or similar medical conditions. Not for use by pregnant women or women who might be pregnant.

**KEEP AWAY FROM CHILDREN.**

The ET-301R is intended for use **only** by healthy, consenting adults familiar with safe electrostimulation and proper operation of the ET-301R. If prolonged numbness, skin irritation or other conditions develop, discontinue use. Use care in operating the device until you're familiar with it. Sudden stimulation at high levels may cause muscle injuries, a person to fall, or other harm.

The person with the remote control should maintain visual and/or audible contact with the person connected to the ET-301R at all times. This is especially important in BDSM scenes where the person connected may be unable to disconnect themselves should there be a problem.

Use the ET-301R only with attachments and accessories designed for safe electrostimulation. Do not attach it to body piercings or similarly small electrodes.

Do NOT try to use an AC adapter or anything other than a 9 volt battery or you will likely cause serious damage to the ET-301R.

Do not attempt to open, repair or modify the ET-301R.

Do not use the ET-301R in conjunction with "violet wand" type devices.

The extremely high voltages produced by these units can damage the ET-301R and many other electronic devices.

## **1 — INTRODUCTION**

The ET-301R is a unique device that offers advanced features and is entirely controlled from a small keychain style wireless remote. It opens up many new creative options for exciting erotic electrostimulation (e-stim).

Before you go any further, please make sure you have read the preceding **IMPORTANT SAFETY INFORMATION**.

The ET-301R was designed for both pleasurable and BDSM applications. The remote control and small size makes the ET-301R especially well suited for use in training a submissive and using e-stim in public or at BDSM events. It's also easy to travel with.

The ET-301R produces a similar output to muscle stimulation devices that are widely used for various purposes. It is a powerful device and should be used with care. The ET-301R works by using a special waveform made up of high frequency pulses. This current stimulates the nerves and muscles in unique ways and flows between two pairs of contacts (often called electrodes) connected to the ET-301R.

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 ET-301R or they have two connections points. Other electrodes only have a single connection and must be used in pairs. The leads supplied with the ET-301R work with many popular erotic accessories.

## **2 — REMOTE CONTROL RANGE & TIPS**

The remote control has some important limitations. It works by a radio frequency (RF) link. Because of the small size of both the remote and the ET-301R, and the lack of external antennas, the range and operation of the remote will fluctuate with various conditions. Please note the following:

**1** – The maximum range is about 100 feet. This applies outdoors in an open area where there is no interference from other electronic devices. The range indoors, or around other devices, or when blocked by walls, people, etc., will be less.

**2** – The longest range is obtained in Basic and the three Training modes. The other modes will generally have less range as they can produce more or less continuous stimulation. The high frequency pulses used in e-stim also create localized RF interference which reduces the range of the remote. The Basic and Training modes have “off time” that allows the signal to be received cleanly between periods of stimulation.

**3** – When adjusting the levels or modes, it's normal for there to sometimes be pauses in the display counting up or down.

**4** – If you're having problems with the remote, trying moving it slightly or orienting it differently. Often moving it just a few inches can make a big difference. With most functions you can hold the button down and the remote will send that command over and over. It may take a few tries to get a function to work at longer ranges or when there is a lot of interference.

**5** – All ET-301R remotes come from the factory set to the same code. This can be an advantage if, for example, you want to connect two people, each with their own ET-301R and control both of them from one remote. If you're using your device in an area where other ET-301R or ET-302R units may be in use, be aware that your remote may control someone else's device.

**6** – Additional remotes with different codes can be ordered from SexTek, and you can teach your ET-301R its new code by referring to page 14, “Changing the Remote Code.” This will allow you to operate your ET-301R independently of other units in the same area.

### 3 — GETTING STARTED

**Normal Operation** – Modes 0 – 6 provide continuous stimulation until the ET-301R is turned off from the remote.

**Training Operation** – Modes 7 – 9 are designed for remote control training and similar applications. In the Training modes, the ET-301R is normally in standby and not providing stimulation. When one of the training buttons (1, 2, or 3) is pressed on the remote, it provides brief stimulation for a few seconds and then automatically goes back into standby. These modes provide the longest operating range and battery life.

**Remote Control** – Because there's room for only 4 buttons on the small remote, some functions require holding down two buttons at a time. This is much like how the shift key on a computer changes the function of the number keys to provide symbols instead.

Using the ET-301R is very simple. Just follow these easy steps:

**1** – Install a fresh 9 volt alkaline battery in the battery compartment.

**2** – Connect your accessories/electrodes to the Out A jack. You must either use a two contact accessory or two individual electrodes.

**3** – Press the red On button on the front panel. The display should briefly show  $\overline{00}$

**4** – Press the “3” button on the remote to increase the level to the desired intensity. The display will show the intensity from 00 – 99. A setting of around 25 is a good starting point for most people.

**5** – The unit should now be providing stimulation in the Basic mode (Mode 0). **Always use the Basic mode to initially set the intensity level.** Once you have the level set, if you would like a different mode, press and hold the “0” button while pressing the “2” or “3” buttons to select one of the other 9 modes.

**6** – Press and hold the “1” button and the “2” or “3” button to change the MultiAdjust setting. This allows fine tuning various options in most modes. The adjustment is remembered for each mode even after you turn the ET-301R off. Some experimentation is the best way to become familiar with what it does in each mode.

## 4 — CONNECTIONS & SAFETY

Like many things in life, electrostimulation is not without risks. In general, electrostimulation should only be performed below the waist.

Before you go any further, please make sure you have read the IMPORTANT SAFETY INFORMATION on pages 2 - 3.

It is extremely important to avoid passing current through the heart, neck or head areas.

Always turn the ET-301R off when making, changing, or removing connections.

The ET-301R 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 metal.

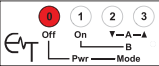






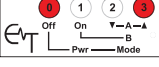


If you intend to connect the ET-301R to someone else, you should experiment with it on yourself before connecting it to them.

Never connect the ET-301R to more than one person at a time.

The ET-301R output jack accepts a 3.5mm (1/8") mini plug which you'll find on most erotic e-stim devices and accessories. It's best to use the wire leads that come with your ET-301R or other leads with a right-angle style connector. **Straight plugs can put excessive sideways force on the jack inside the ET-301R and may cause damage if handled roughly. Connector damage is not covered under warranty.**

You'll need erotic accessories or electrodes that allow the ET-301R 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 ET-301R dealer can assist you in choosing the best ones for your interests.

## 5 — REMOTE FUNCTIONS

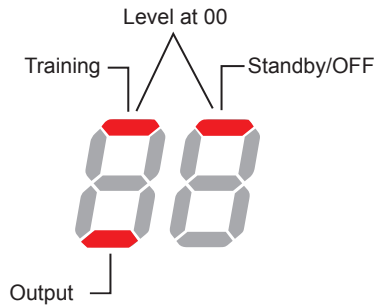
	<u>NORMAL (Modes 0 - 6)</u>	<u>TRAINING (Modes 7 - 9)</u>
	Turns off stimulation	Stops stimulation
	Turns on stimulation	Training Command 1
	Lowers Intensity	Training Command 2
	Raises Intensity	Training Command 3
	Lowers MultiAdjust	—
	Raises MultiAdjust	—
	Selects Previous Mode	Selects Previous Mode
	Selects Next Mode	Selects Next Mode
	Resets Device	—
	Turns Power Off (hold for 2 sec)	Turns Power Off (hold for 2 sec)

## 6 — LED DISPLAY

The lighted LED display makes adjustments easy even in a dark room. The display comes on when the unit is turned on or adjustments are made. It stays on for a few seconds and then shuts off to help extend the battery life. There are the following displays:

Power On:	<i>0n</i>
Power Off / Standby:	<i>0F</i>
Level Setting:	<i>00 to 99</i>
MultiAdjust Setting:	<i>00 to 99</i>
Mode Setting:	<i>-0 to -9</i>
Battery Level (during power up):	<i>0- to 9-</i>
Complete Power Off:	<i>bY</i>
Low Battery Indicator:	<i>bR</i>

Once the unit is turned on from the front panel, the display will indicate that it is on by flashing one or more segments of the display as shown in the diagram (right).





## 7 — MODES

The ET-301R offers 10 modes (stimulation routines). They are easily selected using the Mode Up and Mode Down buttons on the remote. Hold down the 0 button and press either the 2 or 3 button to select different modes.

When you change modes, the ET-301R slowly ramps the level up over several seconds to gently ease into the new mode. This prevents any sudden surprises.

The modes can be described as follows:

**0 Basic** – This mode provides either steady or on/off stimulation with an adjustable pulse frequency. The MultiAdjust (MA) control delivers steady stimulation above a setting of 50 and also adjusts the frequency. This mode works well with internal electrodes or in other areas where strong muscle contractions are desired. Use mode 0 to set the level for the other modes.

**1 Waves** – This mode is constantly changing in both intensity and frequency. The MA control allows it to be on continuously at settings of 50 or higher and also adjusts the frequency range and rate. It's a very smooth and erotic mode.

**2 Stroke** – This mode provides a ramp up and a ramp down to produce a stroking effect. The MA control changes the stroke rate and "depth."

**3 Rhythm** – This mode toggles the outputs on and off at a rapid rate, while switching between a low background level and a strong foreground level. The foreground level gradually increases in intensity until it reaches a peak and resets. Set the level carefully as this mode slowly grows in intensity. MA changes the pulse frequency.

**4 Random** – This mode is designed to provide constant variety for longer term stimulation. The stimulation changes often at random intervals. Each new combination is different and the patterns are never the same twice. MA has no effect.

**5 Audio Soft** – This mode uses the built-in microphone to pick up extremely soft sounds and provide audio stimulation. If there is any background noise, this mode will provide nearly constant stimulation so use it in very quiet environments. MA has no effect.

**6 Audio Loud** – This mode offers adjustable audio sensitivity and a different feel than Mode 5. Use MA to set the audio threshold. Very low settings will have the ET-301R on all the time while higher settings allow it to only come on for very loud sounds. The useful range for MA is about 5 – 80.

**7 Train Levels** – The 301R waits in standby until one of the three training buttons (1 – 3) is pressed. The “1” button produces stimulation for a few seconds similar in intensity to the Basic mode. The “2” button provides a slightly longer burst of higher intensity while the “3” button is even longer and more intense still. If you hold down the “3” button, the intensity will grow even stronger each second it is held down—this feature is unique to Mode 7. The levels cannot be changed in the training modes (7-9).

**8 Train Ramps** –This works like *Train Levels* except it provides longer stimulation and each one slowly ramps up growing more intense towards the end of the stimulation.

**9 Train Signals** – This works like *Train Levels*, except all three buttons produce roughly the same intensity with a unique stimulation pattern. This creates three unique signals that can be used for various creative applications. The signals can be used out in public as a form of silent communication or at home as various commands. MA has no effect.

## **8 — ON / OFF CONTROL**

The ET-301R has two “off” modes. When you press just the Off button on the remote, you’re not turning it all the way off, but only changing to standby mode. It’s still powered up and “listening” for commands from the remote control. It is still drawing some power from the battery.

When you press both the “0” and “1” buttons together for a few seconds, the power is turned off completely and cannot be turned back on from the remote. You have to press the On button on the ET-301R itself to turn it back on. The remote buttons must be held for a few seconds to prevent accidental shut offs. The On button only turns the ET-301R on, and will not turn it off. This is to provide total control to the one who has the remote for BDSM play. When you are finished using your ET-301R, you should press and hold the “0” and “1” keys for a few seconds to turn the power completely off. This will enhance the battery life.

The ET-301R will also **shut itself completely off** after about 30 minutes in modes 0 – 6 and 2 hours in modes 7 – 9. This is to prevent accidentally leaving it on and running the battery dead. Press a key on the remote within the above times to keep it from turning off.

## 9 — BATTERY OPERATION

A single digit is briefly displayed when you first turn the ET-301R on as a rough estimate of the battery condition. A “9” indicates a new fresh battery and anything less than a “3” indicates a weak battery that will require replacement soon. It’s safe to run the ET-301R until it shuts off because the battery is too low. If during operation, the ET-301R detects that the battery is too low, it will shut off the stimulation and flash “bA” on the display. This may happen only at higher intensity levels as they place the most demands on the battery. The battery life is highly dependent on how the ET-301R is used.

### Some things to remember:

Battery life in Standby mode (no stimulation) is 36 hours. Battery life in the Training modes depends on how often stimulation is used but is typically 10 – 24 hours of use. Higher level settings and continuous stimulation shorten the battery life. Expect anywhere from 4 – 10 hours of running time with modes 0 – 6. For best results, use an Alkaline 9 volt battery in the ET-301R. You may also use a 7.2 volt rechargeable battery. If the red indicator on the remote transmitter stops glowing or is weak, the remote battery should be replaced (12 volt, Type 23A).

Never attempt to use an AC adapter, external power supply, external battery or any power source greater than 9 volts. The ET-301R will be severely damaged if higher voltages are connected to the battery terminals.

## 10 — 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 must always 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 contact.

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 ET-301R on someone else.

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

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.

## **11 — CARING FOR YOUR ET-301R**

The ET-301R, like most electronic devices, should be treated with reasonable care. Don't get it wet, drop it, leave it in the sun, etc. If it's being worn on the body, try to avoid getting body sweat inside the unit.

**Do not use the ET-301R along with or around “violet wand” devices. Their extreme voltages can damage many electronic devices.**

Remove the battery before traveling with, packing, or shipping the ET-301R. The power switch may be pushed in under such conditions which will turn the unit on and run the battery dead.

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 ET-301R yourself.

## 12 — TROUBLESHOOTING

Your ET-301R uses high quality components and was carefully tested at the factory. If you're having troubles, consult the following before assuming something is wrong with it:

**Resetting the ET-301R** – See the section on page 14 entitled *Resetting the ET-301R* if you have any problems.

**Flashing bA** – This is the low battery indicator. You should replace the battery with a new one.

**Flashing 20 or 21** – This means the ET-301R detected an internal problem at power up. It may be the unit is extremely cold or extremely warm. Let it return to room temperature and try again.

**Flashing - -** This indicates that the levels are turned all the way down on your ET-301R. Turn up the levels before selecting training modes 7 - 9. If your ET-301R won't accept any commands, refer to page 14, "Changing the Remote Code."

**Other Flashing** - Refer to the diagram on page 8 for more information on the LED display. The ET-301R runs a complete check when you turn it on. If there are any problems, it will flash an error code, or flash the center segments of the display. If this happens, try taking the battery out, put it back in, and try again. If there is still a problem, contact SexTek or Eros Tek for assistance.

**Won't turn on** – If pressing the red On button on the front panel will not turn it on, the battery is probably dead.

**Stimulation Stops** – If the stimulation suddenly stops, it might be no buttons were pressed on the remote for the last 45 minutes and it automatically shut off. In the Random mode, it is normal for the stimulation to stop at times. Checking the battery level, leadwires, and placement of electrodes for loose connections may reveal the problem also.

If the stimulation stops under any other conditions, a problem was most likely detected by the ET-301R and a safety shutdown was performed to prevent any erratic operation.

## **13 — WARRANTY AND CUSTOMER SERVICE**

### **Limited Warranty**

The ET-301R is warranted against hardware defects for one year from the date of purchase. If the problem is due to a manufacturing defect or defective component, your unit will be repaired or replaced at no charge within one year from the date of sale. If the problem was caused by misuse, or otherwise is not covered under warranty, you may choose to have your ET-301R repaired for a reasonable fee. The customer is responsible for shipping costs and properly packing the unit. A copy of your dated sales receipt is required for warranty repairs.

This warranty does not cover wear and tear, physical damage, abuse, misuse, the battery, accessories, use of an AC adapter or modified products. Eros Tek makes no other warranties either expressed or implied. If you think your unit is defective, contact your dealer or Eros Tek for more information on obtaining service.

### **Resetting the ET-301R & The Remote Code**

The ET-301R can "learn" the code of your remote and will reset to the other factory settings by simply holding down button "0" on the remote before turning the ET-301R on from the front panel. Follow these steps if your unit stops responding to buttons pressed on the transmitter:

1. Make sure the unit is OFF. Disconnecting and reconnecting the battery will ensure that the power is OFF.
2. Press and hold the "0" button on the transmitter.
3. Turn the ET-301R on by pressing and releasing the red ON button.
4. Keep the "0" button held down until the display shows "OF"
5. If done properly, the display will then show, in order:
  - Battery Level
  - "On"
  - Remote Code (2 digits)
  - Version Code (2 digits)
6. Your ET-301R is now ready for use by pressing the red ON button.

# Important!

Customers use the ET-301R at their own risk understanding the ET-301R may be harmful if misused.

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

Treat the ET-301R like a sharp knife or 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.

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ET-301R V1.2