

EroSTek



ET-302R

User Guide

Important Safety Information Inside
PLEASE READ BEFORE USING!

IMPORTANT SAFETY INFORMATION

Please Read This Entire Section Before Using!

CAUTION: The ET-302R, 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-302R at your own risk understanding that the ET-302R 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-302R 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-302R is intended for use only by healthy, consenting adults familiar with safe electrostimulation and proper operation of the ET-302R. 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-302R 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-302R 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-302R.

Do not connect the two output channels together.

Do not attempt to open, repair or modify the ET-302R.

Do not use the ET-302R in conjunction with “violet wand” type devices. The extremely high voltages produced by these units can damage the ET-302R and many other electronic devices.

1 — INTRODUCTION

The ET-302R 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-302R was designed for both pleasurable and BDSM applications. The remote control and small size makes the ET-302R 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-302R 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-302R 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 each channel of the ET-302R.

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-302R 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-302R 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-302R, 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-302R 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-302R and control both of them from one remote. If you're using your device in an area where other ET-302R or ET-301R 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-302R its new code by referring to page 14, “Changing the Remote Code.” This will allow you to operate your ET-302R independently of other units in the same area.

3 — GETTING STARTED

Normal Operation – This is how the ET-302R operates when you first turn it on. The ET-302R provides steady stimulation until you turn it off or select one of the Training modes. Modes 0 – 6 can be used with Normal Operation.

Training Operation – Modes 7 – 9 are designed for remote control training and similar applications. In the Training modes, the ET-302R 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-302R 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 and Out B jacks. You must either use a two contact accessory or two individual electrodes with each output. If you only need one output, use Out A.
- 3 – Press the red On button on the front panel. The display should briefly show \bar{U} .
- 4 – Press the “3” button on the remote to increase the intensity to the desired level for Ch A. If you're using both channels, press and hold the “1” button on the remote while pressing the “3” button to increase the intensity to the desired level for Ch B. For most uses, a setting between 15 and 30 on the display is sufficient.
- 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(s).** Once you have the level(s) 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.

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-302R off when making, changing, or removing connections.

The ET-302R 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-302R 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.

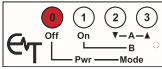
The ET-302R has two output jacks labeled Out A and Out B. These accept a 3.5mm (1/8") mini plug which is the same connector used for most erotic e-stim devices and accessories. It's best to use the wire leads that come with your ET-302R or other leads with a right-angle style connector. **Straight plugs can put a lot more sideways force on the jack inside the ET-302R 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-302R 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-302R dealer can assist you in choosing the best ones for your interests.

5 — REMOTE FUNCTIONS

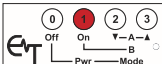
NORMAL (Modes 0 - 6)

TRAINING (Modes 7 - 9)



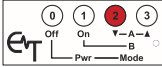
Turns off stimulation

Stops stimulation



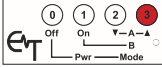
Turns on stimulation

Training Command 1



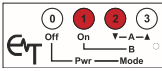
Lowers Ch A Intensity

Training Command 2



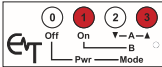
Raises Ch A Intensity

Training Command 3



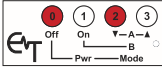
Lowers Ch B Intensity

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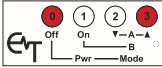
Raises Ch B Intensity

—



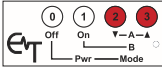
Selects Previous Mode

Selects Previous Mode



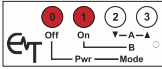
Selects Next Mode

Selects Next Mode



Resets Levels A & B

—



Turns Power Off
(hold for 2 sec)

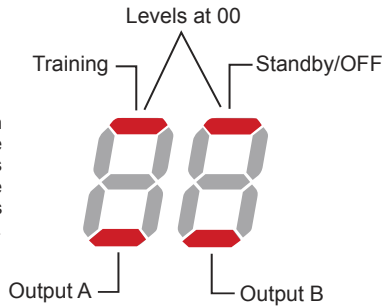
Turns Power Off
(hold for 2 sec)

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</i> to <i>99</i>
Mode Setting:	<i>-0</i> to <i>-9</i>
Battery Level (during power up):	<i>0-</i> to <i>9-</i>
Complete Power Off:	<i>bb</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-302R 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-302R 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 a steady on/off stimulation with some overlap between the two channels. This mode works well with internal electrodes or in other areas where strong muscle contractions are desired. It is also the best mode to use for setting the Levels for both channels.

1 Waves – This mode adjusts several parameters differently for Ch A and Ch B resulting in exciting interplay between the channels. It's a very smooth and erotic mode. Waves is best enjoyed with both channels connected.

2 Stroke – This mode provides a ramp up and a ramp down with a clever overlap between the two channels. Some liken the effect to stroking and it causes more gentle muscle contractions than Basic. The speed and intensity of the strokes change over time for more variety.

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. This mode is ideal when you want something a bit more intense than Waves or Stroke. Set the level carefully as this mode slowly grows in intensity.

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. Sometimes one channel is turned off to allow the body some rest.

5 Audio Soft – This mode uses the built-in microphone to pick up even very soft sounds and provide stimulation to both channels. If there is much background noise, this mode will provide nearly constant stimulation so it's best used in quiet environments. It picks up music, and if the ET-302R is placed close to the mouth, even a whisper or a soft moan.

6 Audio Loud – This mode uses the microphone and is designed to ignore quiet sounds and only pick up louder sounds. Sounds of moderate intensity will create stimulation in Ch A. As the sounds grow louder, the stimulation grows stronger in Ch A and Ch B is activated. This mode works well for picking up voice commands, loud moans, and louder music.

7 Train Levels – The 302R 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.

8 — POWER MODES

The ET-302R 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-302R 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-302R 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-302R, 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-302R will shut itself completely off after about 30 minutes (2 hours in the training modes) if no buttons are pressed on the remote. This is to prevent accidentally leaving it on and running the battery dead. Press a key on the remote at least every 30 minutes (2 hours in the training modes) to keep it on.

9 — BATTERY OPERATION

A single digit is briefly displayed when you first turn the ET-302R 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-302R until it shuts off because the battery is too low. If during operation, the ET-302R 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-302R 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. Using both channels shortens the battery life by nearly half compared to using only one channel. For best results, use an Alkaline 9 volt battery in the ET-302R. 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-302R 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-302R 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-302R

The ET-302R, 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-302R 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-302R. 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-302R yourself.

12 — TROUBLESHOOTING

Your ET-302R 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:

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-302R 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-302R. Turn up the levels before selecting training modes 7 - 9. If your ET-302R won't accept any commands, refer to page 14, "Changing the Remote Code."

Flashing Other Number - The ET-302R runs a complete check every time you power it on and monitors various conditions while operating. If any problems are found, the ET-302R is designed to shut off the outputs and either reset itself or flash an error code.

Flashing Segments - Refer to the diagram on page 8.

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-302R and a safety shutdown was performed to prevent any erratic operation.

13 — WARRANTY AND CUSTOMER SERVICE

Limited Warranty

The ET-302R 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-302R 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.

Changing the Remote Code

The ET-302R can “learn” the code of the remote by simply holding down button “0” on the remote before turning the ET-302R 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-302R on by pressing and releasing the ON button.
4. Keep the “0” button held down until a two digit number is displayed.
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-302R is now ready for use by pressing the red ON button.

Important!

Customers use the ET-302R at their own risk understanding the ET-302R 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-302R 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.

Research & Design:

Eros Tek

<http://www.erotek.com>

email: support@erotek.com

Manufacture/Distributor:

SexTek

<http://www.sextek.com>

email: support@sextek.com

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Specifications Subject To Change Without Notice
ET-302R V1.2