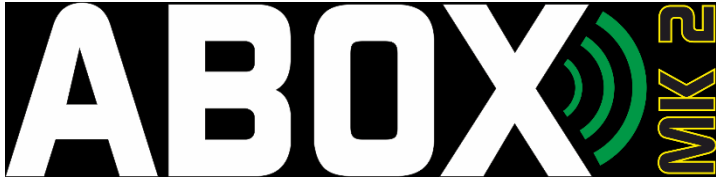


The ABox (Mk2)



Congratulations on purchasing an E-Stim Systems ABox™ Mk2. Given sufficient care your new unit should give you many years of erotic sound driven electro stimulated pleasure. Before starting always read the instructions and ensure you are completely familiar with all of the controls and the safety warnings prior to use.

Key Features

- More power and range than our original Classic ABox.
- Sound driven E-Stim with a built in adjustable sensitivity microphone.
- Stereo Input, with a built in mixer – able to cope with a variety of input sources, both mono and stereo.
- Built in input level display.
- Simple stepless control of maximum output level.
- Switched mode voltage generation... no bulky transformers.
- Hours of fun from a single PP3 battery.
- Single channel output allows the use of unipolar and bipolar electrodes.
- Current limited AC output to ensure complete safety and avoid the possibility of electrode polarisation.

SAFETY WARNING

(DO NOT CONNECT THE E-Stim Systems ABox Mk2™ OR ANY ELECTRICAL DEVICE TO ANY LOCATION ABOVE THE WAIST (ACROSS THE ARMS COUNTS AS ABOVE THE WAIST!), BUT ESPECIALLY DO NOT CONNECT ACROSS THE HEART, CHEST, NECK OR HEAD. DO NOT USE IF FITTED WITH A PACEMAKER OR ARE PREGNANT. REMEMBER YOU USE THIS DEVICE AT YOUR OWN RISK. YOU MUST READ AND UNDERSTAND THE USER MANUAL AND ALL OTHER INSTRUCTIONS BEFORE ATTEMPTING OPERATION.

What is the ABox Mk2™?

A Classic improved.

Back in 2006 we created the original ABox, the worlds first commercial E-Stim unit that just ran off a sound source. Its been highly popular since it's launch and in 2020 we decided to give it a little more. The ABox Mk2, is the result. With a smaller case (the same size as our ElectroHelix), more power and improved audio response, the Mk2 has already show its a worthy successor.

Designed for audio pleasure

The ABox Mk2™ is designed specifically for Erotic Audio Driven Electro Stimulation. Rather than just being sound triggered, the E-Stim Systems ABox Mk2™ is sound driven. The input, whether from the built in microphone or the stereo input, is converted to a powerful Electro-Stim sensation. Picking up sound from either a linked source such as a Computer, MP3 device or even the ambient atmosphere via the built in microphone results in an E-Stim experience that has been described by some as 'out of this world'.

More than StereoStim

The ABox Mk2 is NOT a simple stereo stim unit. The original classic ABox, and now the new ABox Mk2 have been created to work with normal audio sources to provide an in depth, intense and enjoyable E-Stim experience, an experience that is more effective and nuanced when used with complex audio sources, like the human voice and music.

Using standard mono tonal tracks of screeches and whistles common with stereo stim devices will not demonstrate the power and pleasure of combining aural pleasure of music with e-stim sensations, so forget the single tones and individual discreet frequencies, plug in your favourite musicians and enjoy feeling the music as well as listening to it!! Why did we do it this way? We like to be different!!!

Voice Control

Learn to drive your subject wild with just the power of your voice. The ability to change the nature of the output just by changing the level and tonal qualities of your voice is a powerful addition to any game. The old adage 'Silence in Golden' brings a new meaning when the ABox Mk2™ is used in a BDSM dungeon environment.

Experiment

The only way to get the best out of your ABox Mk2™ is to experiment. BDSM players can spend hours with the microphone input, putting new meaning to the demand for silence, whilst using the ABox Mk2™ in a Dance or Club environment can drive anyone wild. Coupled with a MP3 player (obviously not supplied) and suitable music, the range of sensations that the ABox Mk2™ can generate can be mind blowing.

Fitting Batteries



1. Ensure the unit is switched off, and any electrode connection jacks are disconnected.
2. Turning the unit over and using your thumb press and slide the battery compartment lid towards the bottom of the unit.
3. Remove the old battery (if fitted) and replace with a fresh Alkaline PP3. The battery connector is polarized so it should not be possible to connect the battery incorrectly, but ensure the polarity is correct before attempting connection.
4. Place the battery into the unit and replace the battery compartment cover. The cover is fitted with two tabs which insert into the lower half of the case first, then slide the top half of the cover which will then click into position.
5. Turn the unit over. The unit is now ready for operation.

Please note we do NOT recommend the use of standard re-chargeable batteries in the E-Stim ABox™ unit NiMh re-chargeable, with a terminal voltage of 8.4V or above may be used with a possible reduction in output power.

In the event the ABox™ is not being used for a period of time, remove the battery.

Testing

Testing the microphone input.

Ensure the unit is switched off, then fit a battery.

Set the Output Level Control and Microphone Sensitivity to minimum. Slide the input selector switch to the right to select 'mic'.



Switch the unit on, by sliding the power switch to the right.



The power on LED should illuminate. Wait a few seconds for the unit to charge.

Speak with a normal voice at a distance of around 30cm (12") and gradually turn the Microphone Sensitivity control up. The level display LEDs should begin to flash in time with you voice. Adjusting the microphone sensitivity using the control will allow you to cater for various ambient sound conditions.

Battery Low Condition

If the first 25% LED glows continuously when there is no sound input present, then this is an indication that the battery voltage is low. A low battery will result in lower output levels, together with reduced microphone sensitivity.

Testing Stereo input

Using the supplied stereo connection cable connect the headphone out of your audio device to the input of the ABox Mk2™. ENSURE YOU DO NOT CONNECT THE INPUT TO THE OUTPUT SOCKET. Such an action, due to the high output voltages present could destroy your ABox Mk2™ and any other device connected to it. Damage caused by inadvertent connection of the output sockets to anything other than E-Stim Electrodes will invalidate your lifetime guarantee.

Adjust the volume control of the audio device to ensure the input level as indicated by the display is just flashing the 100% LED. This will provide maximum tonal range.

Frequency Response

Because the human body does not respond to E-Stim Signals above 6Khz, audio signals with a substantial high frequency component may not always produce the result that you would expect. For the same reason low frequency signals below 30Hz will be poor sources for stimulation.

The ABox is not designed to work with monotone sources typical with home made stereostim devices. This does not mean they will not work, just the ABox was not designed predominantly to work with such sources. The ABox is designed to give a sensation from more complex sound sources such as the voice and music. Like music in general not all sound sources are going to give you a sensation that you will feel or enjoy. The key is to experiment and to find material that YOU enjoy.

Ideal Levels

The ideal input level in both the microphone and stereo input modes should result in the maximum input LED flashing from time to time indicating a peak. A signal that results in the 100% LED being illuminated continuously will cause distortion and not allow the full output range to be utilized.

Using the ABox Mk2™

Turn the unit off, set the output level control to minimum and connect a suitable electrode via one of the output jacks. Connect an electrode to a suitable section of the body.

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Turn the unit on and slowly turn the output level control up. You should begin to feel a slight tingling sensation from the electrode site.

If you or your subject experiences any pain or discomfort then stop using immediately. If necessary use lubrication as any E-Stim device is potentially capable of causing burning when used on sensitive and or small contact areas at high output levels.

Experiment! Only with experience with you get the most out of your Mk2 ABox™. You will find that different modes and levels will give different sensations.

Always bear in mind the safety warnings.

Internal Microphone

The internal microphone is mounted internally, facing up, between the control knobs, and depending on the setting of the microphone sensitivity control knob, it is sensitive enough to pick up speech and music. The internal microphone is also sensitive to taps and knocks on the case of the unit itself.

Caution

Always ensure the unit is switched off and all controls are set to minimum before connecting to any other device. Always ensure all connections are secure and free from corrosion.

Always ensure the output control is set to minimum before starting.

If you or your subject experiences any pain or discomfort then stop using immediately. If necessary use lubrication as any E-Stim device is potentially capable of causing burning when used on sensitive and or small contact areas at high output levels.

DO NOT SHORT CIRCUIT the output.

DO NOT attempt to open the control box. High voltages are present even when the unit is switched off and there are no user serviceable parts inside. Opening the control box will invalidate your guarantee.

User Controls

The ABox Mk2™ unit has four simple user controls. Each control allows the user to adjust a particular aspect of the output. It is the operation of the controls in combination that will allow the operation to provide an effective electro-stimulation session.

The controls are

- Input selector switch
- Power on switch
- Output level control
- Microphone sensitivity control

As well as the 4 controls, the ABox Mk2™ features 5 display LEDs, indicating the power status and the input level, a stereo line level input, and a single channel output.

Power Switch



A two position slide switch is mounted on the top right side of the unit. Slide towards the right the unit is switched on, slide towards the left and the unit is switched off. The power status of the unit is indicated by the position of the switch, and the power on LED.

Input Selector Switch



A two position slide switch mounted on the top right side of the unit. Slide towards the right, the unit will operate from the internal microphone, slide towards the left socket of the unit the input is switched to the external input socket.

Microphone sensitivity Control

The microphone sensitivity control adjusts the sensitivity of the internal microphone.

Output Level Control

The output level control allows the user to adjust the absolute level of the output. Remember in mind that the output is also dependent on input signal, the resistance of the contact points, the level of charge in the battery, and a number of other factors.

Input



The ABox Mk2™ is fitted with a 3.5mm stereo socket, designed for connection to a headphone socket or line out of an audio device such as a PC or MP3 player. For safety reasons we do not recommend you connect the ABox Mk2™ unit to any device that is mains powered, i.e. connected to the mains power supply during use.

Outputs



Connection to electrodes is via an industry standard 3.5mm mono jack socket on the top of the unit. Ensure the unit is switched off before inserting or removing the connection jacks to eliminate the possibility of either inadvertent electric shocks or short circuits occurring. Adapters are available for 2mm and 4mm connectors.

Under no circumstances attempt to connect the output connection to the input sockets. Doing so may destroy the ABox Mk2™ unit and will invalidate your guarantee.

The connection cables will become detached from the E-Stim ABox Mk2™ if pulled. This is a safety feature as disconnection will result in the voltage being removed from the electrodes. If you find this to be a problem during play, then we suggest you use slightly longer cables.

Accessories

The E-Stim Systems ABox Mk2™ is supplied with:

- A 1.5M connection cable fitted with a 3.5mm jack on one end (for connection to the ABox™ unit) and two 2mm plugs on the other, to connect to E-Stim Electrodes.
- A 1.2M stereo connector cable fitted with two 3.5mm stereo jacks, for connection to an input source.

Other accessories are available. For more information visit our websites at

<https://www.e-stim.co.uk> (UK and EU), and <https://www.e-stimsystems.com> for international owners

Additional Notes

Storage

In the event that the E-Stim Systems ABox Mk2™ is not going to be used for a period of time always remove the battery to avoid any possibility of damage being caused by battery leakage.

Cleaning

DO NOT use solvents to clean the ABox Mk2™ unit. A gentle wipe with a soft cloth should be sufficient. It is not possible to sterilise the ABox Mk2™ unit.

Specifications

Channels/ Outputs	Single Channel output, via an industry standard mono 3.5mm socket.
Inputs	Single 3.5mm stereo jack socket.
Input Impedance	33,000 Ohms
Input Sensitivity	500mV , 100 to 6000Hz
Display	5 High Brightness Light Emitting Diodes indicating input level and Power On.
Operating Modes	2 – Internal Drive (Microphone), External Drive (Line In)
Controls	Slide switches for Power On/Off and Input Selector. Rotary controls for adjustment of Microphone sensitivity, and Output Level.
Output Waveform	High Voltage current limited, pulsed AC 80mA
Power Supply	Standard 9 Volt Alkaline (PP3)
Battery Life	Variable dependent on load and input, but estimated at around 8 hours with continuous use.
Dimensions (approx.)	112mm x 65mm x 41mm
Weight (without battery)	107g
Supplied Accessories	1 off 3.5mm to 2 mm output cable, 1 off 3.5mm to 3.5mm stereo link cable, 4 off Self Adhesive Gel Pads, 1 off Quick Guide.

Problems?

In the unlikely event you have problems with the operation of your E-Stim Systems ABox Mk2™, send an email to info@e-stim.co.uk quoting the serial number and the problem you have encountered. There are no user serviceable parts inside and the breaking of any seals with invalidate your lifetime guarantee.

Lifetime Guarantee

The ABox Mk2 like all of our E-Stim power units is covered by a lifetime guarantee.

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Certificate of Conformity

US Regulatory Wireless Notice

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

The FCC requires the user to be notified that any changes or modifications made to the device that are not expressly approved by E-Stim Systems Ltd may void the users authority to operate the equipment.

European Union Notice

Products bearing the CE marking comply with the, EMC Directive (2014/30/EU), and the Low voltage Directive (2014/35/EU) issued by the Commission of the European Community.

Compliance with these directives implies conformity to the following European norms (in parentheses are the equivalent international standards and regulations.)

EN 55022 (CISPR 22) – Electromagnetic Interference,

EN 55024 (IEC61000-4-2,3,4,5,6,8,11) – Electromagnetic Immunity, and,

EN 60950 (IEC 60950) – Product Safety.

This device may be used in the UK all European Union Countries.

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