

Liability Disclaimer

The EyeScan™ 4000 is a tool designed to assist the clinician in the administration of EMDR. The purchaser/clinician agrees to accept full responsibility for any harmful results and/or undesirable consequences obtained from the use of this machine.

The manufacturer of this machine shall not be held liable for adverse affects caused to clients resulting from the administration of EMDR or any other form of therapy using this machine.

Any unexpected reactions, results, or behavior noted as a result of the administration of EMDR, either using the EyeScan™ 4000 or by other methods, should be immediately reported to the EMDR Institute.

Limited Warranty

The manufacturer warrants this equipment to the original purchaser against defective material or workmanship for a period of one year from the date of purchase on repair parts and labor. The manufacturers responsibility under this warranty is limited to the repair or replacement of defective part or parts.

The manufacturer reserves the right to determine whether the part or parts failed because of defective material, workmanship or other causes. Failure caused by accident, alteration, misuse, tampering, negligence or improper packaging of returned units is not covered by this warranty.

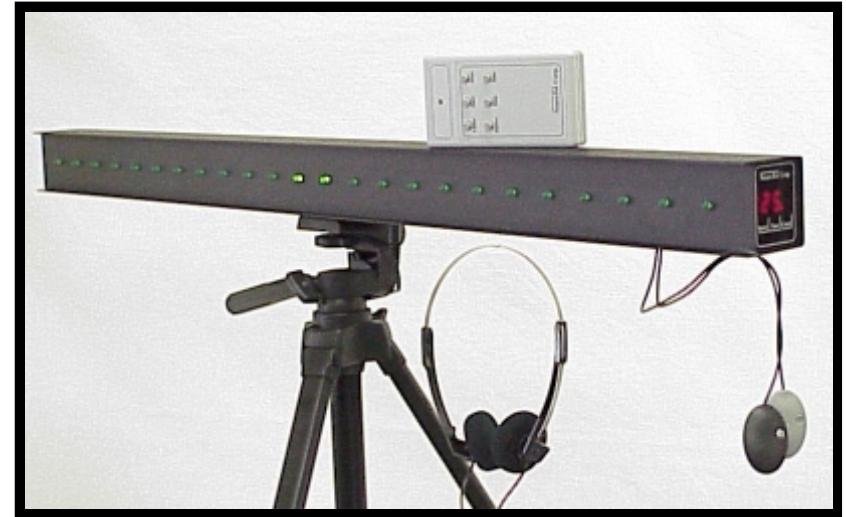
All warranty repairs must be done by NeuroTek™ or a representative designated by NeuroTek. Any repair to the equipment other than by these authorized facilities voids this warranty. The rights under this warranty are limited to the original user and may not be transferred to subsequent owners.

To receive warranty service, you must first contact NeuroTek for a return authorization number. This number will be used for tracking your return. Send the complet unit, postage paid, to NeuroTek. Include a description of the problem you are having.

NeuroTek™ Corp.
12100 W. 52nd Ave. #116
Wheat Ridge CO 80033
303 420-8680 Voice
303 422-9440 FAX

EyeScan™ 4000

with music option



The EMDR Clinician's Assistant

**Please read all instructions
completely before operating.**

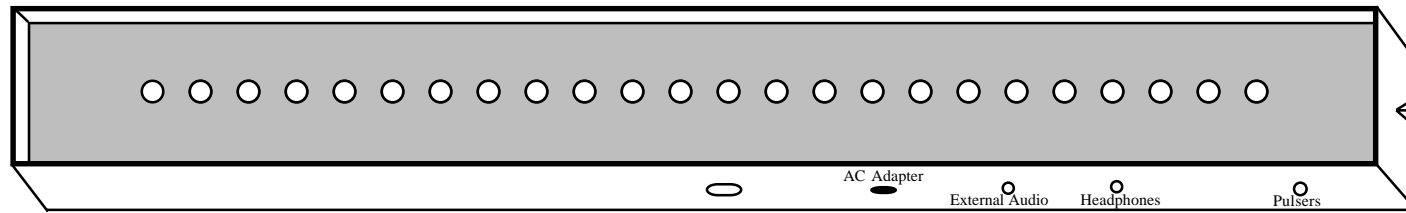
Warning

**This instrument should not be used with
any person who has a history of seizures.**

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NeuroTek
Corporation

EyeScan 4000 with music option Operating Instructions

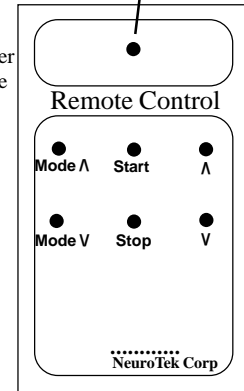
Numeric Display



Numeric Display



Green Indicator



Getting Started:

The EyeScan 4000 with music option comes with 7 main components, the light bar, the remote control, a tripod, headphones, pulsers, audio interface cable and the AC adapter. The light bar is designed to mount directly to the tripod. First, connect the tripod to the light bar. **If you mount the light bar on the tripod with the handle positioned parallel to the light bar, you will be able to adjust the horizontal/vertical axis. If the handle is positioned out the back, you will not be able to adjust the angle.** Next, connect the headphones and pulsers to the light-bar as shown. Finally, connect the AC adapter to the light bar and plug the AC adapter to a wall outlet power source. If you are using the music option, connect the interface cable from the external audio input on the light-bar to the headphone jack on your tape or CD player. Set the volume on your music player to maximum.

Turning on the Power: The on/off switch is located on the back of the light-bar. When you are ready to start an EMDR session, turn the power switch to the on position. The lights will make one complete scan and then stop in the center of the light bar. After finishing your session, turn the power switch off.

The Remote Control: The remote control sensors are located on each end of the light-bar in the display windows. **Reduced sensitivity to the remote control may be realized if remote control is pointed directly in front of, or in back of the light-bar.** All button functions on the Remote Control are illustrated in the diagram to the right. The green indicator on the remote control will flash when any button is pushed. If the light fails to flash, replace the 2 AA batteries in the remote.

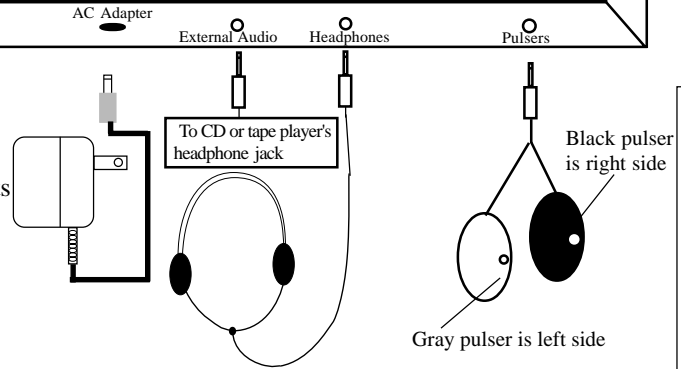
To begin scanning press the "Start" button. To stop scanning press the "Stop" button. The lights will always stop in the center of the light-bar. All modes and settings may be changed whether scanning or stopped.

The Numeric Display: The EyeScan 4000 has two numeric displays, one conveniently located on each end of the light-bar. Each 3-digit display will indicate 6 different information modes: counter, visual mode, audio mode, volume, speed, and pulser intensity. To select the between the different display modes, press the "Mode Λ" or the "Mode V" buttons repeatedly until the desired display mode is reached. See display mode diagrams to the right.

Count Display Mode: This is the default display mode when the EyeScan 4000 is first turned on. To select the *count display mode*, push the "Mode Λ" or the "Mode V" buttons until the 3 dots at the bottom of the display window are off. When *count display mode* is selected, the completed number of repetitions for the current set are displayed. The counter will count up to 999 before starting over. When the EyeScan is stopped between sets, the counter will continue to display the most recent count. When the next set is started, the counter will reset to zero. The EyeScan always keeps track of the current count even if the *Count display mode* is not selected on the display. Pressing the "Λ" or "V" buttons in count mode will adjust the speed.

Visual Display Mode: To select the *visual display mode*, press the "Mode Λ" or the "Mode V" buttons repeatedly until all three red dots are on and the left digit displays a "1". When *visual display mode* is selected, the right digit will display a "S" for *scan mode* or "E" for *ends only mode*. Press the "Λ" or "V" buttons to switch between "Scan" or "Ends only" modes.

Tripod Connects Here



Audio Display Mode: To select the *audio display mode*, press the "Mode Λ" or the "Mode V" buttons repeatedly until all three red dots are on and the left digit displays a "2". When *audio display mode* is selected, the right digit will display a "I" for internal tone or "E" for external audio mode. Press the "Λ" or "V" buttons to switch between "Internal Tone" or "External Audio" modes.

Volume Display Mode: To select the *volume display mode*, press the "Mode Λ" or the "Mode V" buttons repeatedly until all three red dots are on and the left digit displays a "3". When *volume display mode* is selected, a volume number between 1 & 15 is displayed. Press the "/" or "V" buttons to increase or decrease the volume.

Speed Display Mode: To select the *speed display mode*, press the "Mode Λ" or the "Mode V" buttons repeatedly until all three red dots are on and the left digit displays a "4". When *speed display mode* is selected, a speed reference number between 1 & 40 is being displayed. Press the "Λ" or "V" buttons to increase or decrease the speed of alternations.

Pulser Intensity Display Mode: To select the *pulser intensity display mode*, press the "Mode Λ" or the "Mode V" buttons repeatedly until all three red dots are on and the left digit displays a "5". When *pulser intensity display mode* is selected, an intensity number between 1 & 15 is displayed. Press the "Λ" or "V" buttons to increase or decrease the pulser intensity.

Battery: The EyeScan 4000 will operate from the integrated 9 volt battery or by plugging into a wall outlet. The battery door is located on the back side of the light-bar. When the AC adapter is plugged into the light-bar, the battery is internally disconnected. When using battery power, you can expect about 4 hours of continuous operation if a good alkaline battery is used. If the EyeScan stops responding to the remote control commands, you hear distorted audio sounds, the pulsers become intermittent, or you experience other unusual operation, the battery is probably getting weak and should be replaced.

Display modes

