



# tDCS Product List



## A/C Adapter

The DAVID devices can be powered with this 9 volt adapter. It has a 1.3 millimeter end and the pin is positive polarity. For use with the DAVID Delight and DAVID ALERT series.

**AU \$22.00**



## Carry Case for the Tru-Vu Omniscreen Eyeset

Protect your Tru-Vu Omniscreen Eyeset with this stylish hard carry case. This case is included with all eyeset purchases.

**AU \$29.00**



## CES Earclip Stimulus Cable

Red & Black earclip stimulus cable for use with the ALERT Pro, Delight Pro and OASIS Pro. Older devices may require the yellow/blue earclip cable. When ordering, please provide the serial number of your unit in the "Comments Box" to ensure that we send you the correct cable.

**AU \$43.00**



## CES/MET Snap Stimulus Cable

This stimulus cable has snaps and is to be used with electrodes. This cable is included in the MET kit. For use with the Delight Pro, ALERT Pro and OASIS Pro.

**AU \$36.00**



## CES Pin Stimulus Cable

Electrode Stimulus Cable with Pins for use with the MET Probe kit.

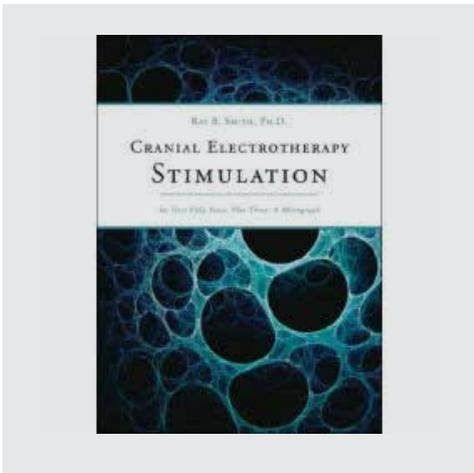
**AU \$43.00**



## Cord for Tru-Vu Omniscreen Eyeset (This cord is included with all eyesets)

This cord is used to connect the Tru-Vu Omniscreen Eyeset to the DAVID. 2.5 mm plugs.

**AU \$11.00**



## Cranial Electrotherapy Stimulation

- Its First Fifty Years, Plus Three: A Monograph by Ray Smith

Greek physicians knew that electricity healed, so they applied electric fish to their patients. In Cranial Electrotherapy Stimulation, Its First Fifty Years, Plus Three, Dr. Ray Smith shows that modern physicians also know that electricity heals. The first meta-analytic summary of the majority of studies of cranial electrotherapy stimulation (CES) - a non-drug treatment of micro pulses of electricity applied across the head treating anxiety, depression and insomnia. Cranial Electrotherapy Stimulation is a staple for physicians contemplating the use of CES in their practice, or for patients investigating the uses of CES.

" A thoughtful and excellent analysis of diverse studies. A concise summary which should be on the desk of all who use CES." - Robert T. Smithing, MSN, NP, Executive Director of the Washington Nurse Practitioner Association

**AU \$17.00**



## DAVID ALERT PRO

Now you can enjoy the ALERT program and sessions with the enhanced benefits of Cranial Electrical Stimulation (CES)!

The ALERT Pro includes special ALERT sessions designed exclusively for Mind Alive by Michael Joyce.

The ALERT (Attentive Living through Energizing, Restorative Technology) sessions are the result of 20 years of combined expertise and research by Michael Joyce of Personal Resource Strategies and David Siever of Mind Alive Inc.

Michael Joyce has completed two studies using the DAVID systems to treat ADD/ADHD. His first study involved 30 primary school children from two schools (which was published in the Journal of Neurotherapy) and his second study included 204 children from seven schools, which he completed while he was the Director of Neurotechnology at A Chance to Grow, a special-needs charter school in Minneapolis.

Both studies showed that ADD behaviours were reduced significantly and reading improved with AVE. Michael used the DAVID's unique patented field stimulation ability to generate a different frequency in each hemisphere of the brain. With this technique and a Symptom Survey checklist developed by Michael, he was able to create DAVID sessions that could stimulate or calm the left, right or both hemispheres depending on the symptoms checked off by the child's parents.

Over time, Michael has refined and developed these sessions based on the checklist to produce benefits in specific areas. Now, all of this expertise has been put into the DAVID ALERT Pro.

ADD/ADHD rarely occurs in isolation and often exists with other conditions including depression, oppositional defiant disorder, conduct disorder, obsessive-compulsive disorder, learning disabilities, anxiety disorders, and other significant psychological, psychiatric, and neurological problems.

There are roughly 102 CES studies addressing these issues. There are also CES studies showing boosts in IQ and attention.

Visit the Mind Alive Blog by Dave Siever to see the full article.

The ALERT Pro includes 100 Hz CES available with any session, and features larger easy-to-read, easy-to-operate buttons and allows users to select a session very easily.

The ALERT Pro also features Night-Vu capability, which allows the user to see the session select buttons in the dark at bedtime or at night.

**AU \$795.00 - \$895.00**



## DAVID ALERT

Attentive Living through Energizing, Restorative Technology (ALERT) is an effective, alternative therapy for ADD/ADHD which utilizes AVE technology to settle hyperactivity, promote relaxation, and can even improve mood & logical thinking.

The ALERT devices are the result of 20 years of combined expertise and research by Michael Joyce of Personal Resource Strategies and David Siever of Mind Alive Inc.

Michael Joyce has completed two studies using the DAVID systems to treat ADD/ADHD. His first study involved 30 primary school children from two schools (which was published in the Journal of Neurotherapy) and his second study included 204 children from seven schools, which he completed while he was the Director of Neurotechnology at A Chance to Grow, a special-needs charter school in Minneapolis.

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**AU \$565.00 - \$645.00**



## DAVID Carry Bag - Large

This large carry bag is designed to carry your DAVID kit. It is included in all the DAVID kits.

Size: 7" x 9" (17 cm x 23 cm)

**AU \$22.00**



## David Carry Bag - Small

Carry your OASIS Pro or Delight Pro in this convenient pouch style bag while you are running a CES session.

Size: 4.5" x 6" (11 cm x 16 cm)

**AU \$22.00**



## DAVID Delight Plus

The sessions on the Delight Plus are supported by research studies which include Seasonal Affective Disorder, stress reduction, insomnia, improved mood, mental sharpness and balance (reduced risk of falling) in seniors, and reduced worry plus improvements in concentration and memory in college students. The Delight Plus sessions also include our proprietary randomization process, which helps encourage dissociation and brain frequency tracking to the stimulus.

The Delight Plus features five distinct categories of sessions: Energize, Meditate, Brain Brightener, Sleep and Mood Booster, with five selections for each category. It also includes five auto playing Sound Sync Sessions and five locations for you to store sessions you design with the DAVID session editor.

**AU \$490.00 - \$585.00**



## DAVID Delight Pro

The DAVID Delight Pro provides a unique fusion of audio-visual entrainment (also known as brainwave entrainment) and cranial-electro stimulation (CES) with sophistication and simplicity. Our sessions have been thoroughly tested and are designed based on most current research findings to ensure you the most effective results. The sessions on the Delight are supported by research studies which include Seasonal Affective Disorder, stress reduction, insomnia, improved mood, mental sharpness and balance (reduced risk of falling) in seniors, and reduced worry plus improvements in concentration and memory in college students. The Delight Pro sessions also include our proprietary randomization process, which helps encourage dissociation and brain frequency tracking to the stimulus. The Delight Pro features larger easy-to-read, easy-to-operate buttons and allows users to select a session very easily.

It features 25 of our favorite sessions organized into five distinct categories of sessions: Energize, Meditate, Brain Brightener, Sleep and Mood Booster, with five selections for each category. It also includes five auto playing Sound Sync Sessions and five locations for you to store sessions you design with the DAVID session editor.

Also includes popular 100 Hz CES with any session.

The Delight Pro also features night-vue ability, which allows the user to see the session select buttons in the dark at bedtime or at night.

**AU \$725.00 - \$825.00**



## DAVID Delight

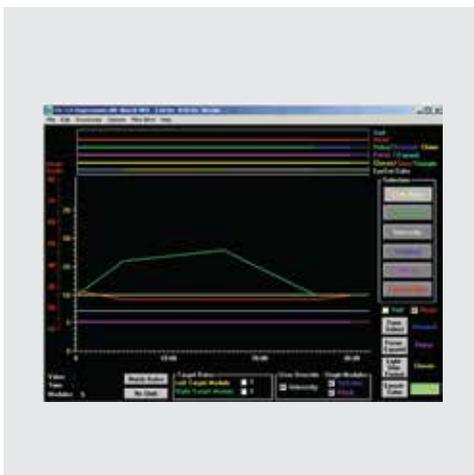
The DAVID Delight provides a unique fusion of audio-visual entrainment (also known as brainwave entrainment) sophistication and simplicity. Our sessions have been thoroughly tested and are designed based on most current research findings to ensure you the most effective results. The sessions on the Delight are supported by research studies which include Seasonal Affective Disorder, stress reduction, insomnia, improved mood, mental sharpness and balance (reduced risk of falling) in seniors, and reduced worry plus improvements in concentration and memory in college students. The Delight sessions also include our proprietary randomization process, which helps encourage dissociation and brain frequency tracking to the stimulus.

The Delight features larger easy-to-read, easy-to-operate buttons which allows users to select a session easily.

It features five distinct categories of sessions: Energize, Meditate, Brain Brightener, Sleep and Mood Booster.

There are two selections for each category.

**AU \$410.00 - \$515.00**



## DAVID Session Editor CD

The DAVID Session Editor is graphics software that allows you to design custom sessions for the following DAVID and CES devices: PAL, PAL 36, PAL 36CES, CESTa, Delight, Delight Plus, Delight Pro, ALERT, ALERT Pro and OASIS Pro.

It provides programmability for all functions such as: rates, volume, intensity, tones, number of replays, etc. It includes a complete library of preset sessions to use as templates to help you design your own sessions. A limited number of times a session can be played can also be set.

The colour coded lines in the graph area describe the changes in session parameters (such as Left and Right Rates) over the course of the session.

WaveMaker converts the DAVID session information into a series of audio tones that program the DAVID units. It mixes this audio data with an overlay sound, to hide the data tones and provide a distinct introduction to a DAVID session. The program can be used to directly program a DAVID unit, or can create a wave file suitable for adding to an audio CD.

The status bar area displays the settings of various module options over the visible session time. Each bar represents a different module option. The presence of a colour indicates the setting. The various colours in the bars indicate the settings of the Surf Tone, Heart Beat, Tone Selection, Focus/Expand selection, Light Stim Format, and Eyeset Colours. The position of the coloured bars above the Time Axis on the bottom of the graph indicate when that selection will begin, change, or end when the session is played. Modules with no line displayed for an option indicate that the option is shut off.

The Module Options control different features available to the sessions. The status of these is displayed in the Status Bar area. Each Module Option is described in its own section. Toggling the Surf or Heart check boxes enables or disables these options. Clicking the Tone Select (Pulse, Binaural, Chime, Off), Focus/Expand, or Light Stim Format (Classic, Sine, Triangle, Square) buttons will cycle through each of the possible settings (with the current setting displayed to the right). Clicking the Eyeset Color button will bring up a Colour Select Dialog, allowing you to select a custom colour which will be displayed in the area to the right.

The editor graph displays the primary session settings. The horizontal axis is session time, displayed in minutes and seconds. The vertical axis is the value of the currently selected setting. Because the Heart Rate scale is different than that of the other settings, it utilizes a separate scale (displayed in red). The scroll bar allows you to scroll left or right to view and access parts of the session that you wish to view within the editor graph.

Each setting is represented by a coloured line. The vertical scale on the left will be coloured to match the currently selected setting. Module points appear along the selected setting as square handles. If a module is selected, a vertical cursor will appear through it. When you move or add a module, both a vertical and horizontal cursor will indicate the current position selected on the graph.

Download custom sessions using the stereo patch cord

**AU \$115.00**

## DAVID SMART

The DAVID SMART provides a unique fusion of audio-visual entrainment, also known as brainwave entrainment. Our sessions have been thoroughly tested and are designed based on the most current research findings to ensure you the most effective results. The sessions on the SMART are designed to improve academic performance, reduce stress, boost mood, and improve concentration and memory in college students. The SMART sessions also include our proprietary randomization process, which helps encourage dissociation and brain frequency tracking to the stimulus. The SMART features five distinct categories of sessions: Energize, Meditate, Brain Brightener, Sleep and Mood Booster, with two selections for each category.

The SMART also features night-vue ability, which allows the user to see the session select buttons in the dark at bedtime or at night.

### AUDIO-VISUAL ENTRAINMENT:

To ensure safe, gentle and effective audio-visual entrainment, the DAVID SMART offers the following:

**Tru-Vu Omniscreen™ Eyesets** - Our unique Tru-Vu Omniscreen™ Eyesets were carefully designed to provide you with the most effective and safe light and sound experience. This special patented process allows the SMART to stimulate a different frequency in each hemisphere of the brain. This is essential for mood boosting and mental performance. The Tru-Vu Omniscreen™ Eyesets for the SMART use eight blue-tinted white LEDs mounted over a silver reflector behind a translucent screen. This disperses the light evenly. Our Tru-Vu Omniscreen™ Eyesets are specially designed to allow for the left and right visual fields of each eye to be individually stimulated rather than the entire eye. With the Tru-Vu Omniscreen™ Eyesets, the lights flash into the left visual fields of both eyes, then alternately flashes into the right visual fields of both eyes. This approach allows the ability to stimulate either visual cortex with a frequency different from the other visual cortex. For example, a person who functions strongly from the left brain could have 8 Hz stimulated into the right visual field (and therefore the left brain) to slow down left brain function and have 18 Hz stimulated into the left visual field to increase right brain function.

**Isochronic Pulsed Tones, Binaural Beats and Monaural Beats** - The isochronic pulsed tones are evenly spaced, are of equal pitch and are turned on and off at a specified rate. This is important to enhance the effectiveness of audio entrainment. The monaural beats are similar to the isochronic pulsed tones, but turn on and off more gently and therefore are smoother, fuller beats and are recommended for those who find the pulse tones too stimulating. The binaural beats are two pure tones (one in each ear) and are perceived to have a beat.

**Soft-Off™** - The gradual lowering of the lights and tones at the end of the session prevents a startle response (also known as somnatic shock).



Soft-Off™ ensures that relaxation and other benefits carry over even after a session has ended. Battery Power Indicator - At a quick glance you can tell if your battery has enough power to run your session. New eyeset technology allows for much longer life for your 9-volt battery. Easy-To-Find Power, Intensity and Volume Buttons - The power, intensity and volume buttons are raised so that you can make the necessary adjustments easily and quickly, even with your eyes closed. Adjust the intensity of the Omniscreen™ Eyeset with the easy-to-find INT button. 10 Preset Sessions - Two sessions in each category: Energize, Meditate, Brain Booster, Sleep and Mood Booster. Sound Sync Sessions - Each category also has a Sound Sync Session to turn your music into an intriguing light show. All sessions include HRV and begin with a 3-stage process that enhances dissociation.

#### **HEART RATE VARIABILITY (HRV):**

For the first time ever, a system exists where meditative breathing may be paced along with an audio-visual entrainment (AVE) session. Long, graceful breathing cycles have been used as part of meditation. Scientifically, this technique has been analyzed and shown to settle down a stressed autonomic nervous system. Both sympathetic (flight-or-fight) activity and para-sympathetic (the brain's efforts to compensate) activity settle down dramatically using HRV techniques.

The heart speeds up with every breath in and slows down with every breath out. This swing in heart rate is HRV. A typical heart beat swing is in the order of about 15 beats per minute (bpm). When people get stressed, the heart typically clamps to sometimes as low as five bpm HRV at times intermixed with sharp spikes in heart rate. This is all abnormal activity and is rough on the heart.

The HRV technique used clinically is based on a 10 second breathing cycle (six breaths/minute, by inhaling slowly for five seconds and exhaling slowly for five seconds in an easy, relaxed breath). When using HRV paced breathing, listen to the heartbeat generated by the DAVID SMART™ through the headphones. Inhale for two heartbeats and exhale for two heartbeats (not your own heartbeats!). Most sessions begin at seven breathing cycles/minute (28 heartbeats/min) and slow to six breaths /minute (24 heartbeats/min). This allows the user to breathe a little faster at the onset of a session until he/she has had time to relax.

**AU \$415.00 - \$515.00**



## **Earbud Headphones**

For comfort while sleeping or traveling, use earbud style headphones. Top-quality headphones with a 3.5 millimeter stereo plug.

**AU \$55.00**



## **Electrodes - Package of 30**

Disposable medical grade snap-style electrodes for use with the snap-style stimulus cable. These electrodes are included in the MET kit. For use with the Alert Pro, Delight Pro and Oasis Pro.

**AU \$29.00**



## European AC Adapter

This AC Adapter includes a euro plug adapter.  
For use in most European countries

**AU \$25.00**



## Extra-User Package

This package allows two people to enjoy the same session at the same time.  
Includes one white Tru-Vu Omniscreen Eyeset, stereo headphones, and two splitter cords.

**AU \$169.00**



## Eyeset Splitter Cord

Allows two Tru-Vu Omniscreen Eyesets to be plugged into one DAVID simultaneously.  
This cord is included in the Extra-User Package.

**AU \$10.00**

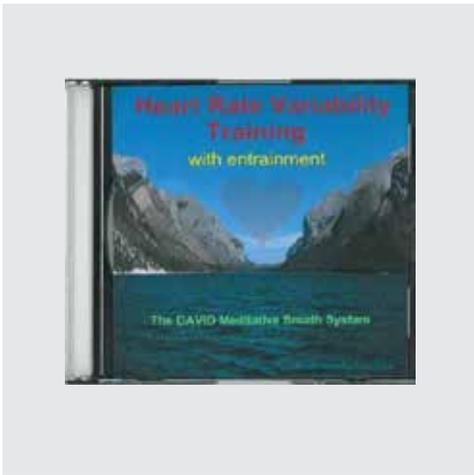


## Headphone Splitter

"Y" shaped connector which allows two headphones to be plugged into one DAVID simultaneously.

This splitter is included in the Extra-User Package.

**AU \$8.00**



## HRV (Heart Rate Variability) CD

Long, graceful breathing cycles have been used as part of meditation. Scientifically, this technique has been analyzed and shown to settle down a stressed autonomic nervous system. Both sympathetic (flight-or-fight) activity and para-sympathetic (the brain's efforts to compensate) activity settle down dramatically using HRV techniques. The heart speeds up with every breath in and slows down with every breath out. This swing in heart rate is HRV. A typical heart beat swing is in the order of about 15 beats per minute (bpm). When people get stressed, the heart typically clamps to sometimes as low as five bpm HRV at times intermixed with sharp spikes in heart rate. This is all abnormal activity and is rough on the heart.

The HRV technique used clinically is based on a 10 second breathing cycle (six breaths/minute, by inhaling slowly for five seconds and exhaling slowly for five seconds in an easy, relaxed breath).

**AU \$15.00**



## MET Probe Kit

Use this kit to stimulate multiple sites during the same session.

Includes two Y-type probes, two Y-type connector cables, stim cable and electro gel. For use with the Delight Pro and the OASIS Pro

**AU \$115.00**



## Microcurrent Electro Therapy (MET) Kit

This kit includes a white stimulation cable with snaps and package of 30 disposable electrodes.

For use with the Alert Pro, Delight Pro and OASIS Pro.

**AU \$58.00**



## Multi-Color Tru-Vu Omniscreen Eyeset. (includes eyeset cord and eyeset case)

This AC Adapter includes a euro plug adapter.  
For use in most European countries

**AU \$275.00**



## OASIS PRO

### EACH OASIS PRO COMES COMPLETE WITH:

- Stimulus Cable with Earclips
- Carry case
- 9-Volt Alkaline Battery
- Comprehensive Operator's Manual

This product runs on battery power only. (no AC Adapter required)

Additional features include:

- User Programmable with optional DAVID Session Editor CD
- Randomization
- 50 % Duty Cycle Sub-Delta session
- MET (optional)
- tDCS (optional)

### About Cranio-Electro Stimulation (CES)

Cranio-Electro Stimulation (CES) was developed in the Soviet Union in the late 1940s as a treatment for insomnia and has since been used by millions of people all over the world. Over 200 studies to date have shown that CES increase the calming type of neurotransmitters within the brain, namely serotonin and endorphins. Clinical research over the past 50 years has shown that CES calms the mind, boosts relaxation, helps with sleep and improves mental sharpness and ability in general. CES is particularly useful in producing calm in situations like being at the dentist, while writing exams or struggling with the fast pace of work or school. CES also settles body discomfort.

### About Microcurrent Electro Therapy (MET)

Although electro-medicine has been in existence for well over a thousand years, developments in electronics and new research has seen this technology grow at a terrific rate in recent years. Microcurrent Electro Therapy (MET) is very different than traditional TENS because MET produces its benefits in part on a cellular level. MET has longer lasting effects than TENS.

The concept of MET is based, in part, on Arndt's Law, which states that weak stimuli excite physiological activity, whereas medium-strength stimuli will encourage it and strong stimuli will suppress it. It is believed that MET delivered at around 500 micro-amps in the 0.5 to 3 Hz range may be most effective for treating pain.

### About Transcranial DC Stimulation (tDCS)

When a DC current is applied over the scalp with the intention of altering neuronal activity, it is known as transcranial DC stimulation. tDCS is effective in modulating spontaneous neuronal firing. tDCS at intensities of 1 milliamp applied for roughly 20 minutes has been shown to either excite or inhibit the sensori-motor cortex, with the effects lasting over an hour. Excitation is achieved by anodal (+) stimulation, while inhibition is achieved by cathodal (-) stimulation. Anodal stimulation has also been shown to increase both beta and gamma activity in the visual cortex, while cathodal stimulation has decreased beta and gamma activity. Stimulation is generated by putting a wet cloth, cotton ball or sponge on the scalp over the brain region to be treated and a sponge or cotton ball on the shoulder or the face. The tDCS sessions deliver a maximum intensity of 2.2 milliamps at DC. tDCS is being used for the treatment of many conditions, including depression.

Please call us for more information on this technology.

**CAUTIONS: tDCS is very powerful and if applied improperly, can result in negative side effects. Therefore, the sessions for tDCS will only be released to qualified clinicians.**

**AU \$625.00**



## Slow the Body Down

Rhythmic Relaxation Special Application Session. Slower heart rate, breathing and brainwave patterns are associated with deep relaxation. Using this Special Application can slow down these physiological functions. This Special Application uses the same relaxation technique used in some hospitals. The CD plays gentle music with a definite rhythm and beat which gradually slows down. Meanwhile, the rate (Hz) of the lights and tones are also slowing down. The user's heartbeat and other physiological functions will slow down with the music and the lights and tones. At the beginning of the session, the rhythm starts at 80 beats per minute and gradually slows to 50 beats per minute. By slowing the body's physiological functioning down, the user also experiences deep relaxation.

**AU \$60.00**



## Stereo Headphones

Top-quality headphones with a 3.5 millimeter or 1/8" stereo plug.

**AU \$55.00**



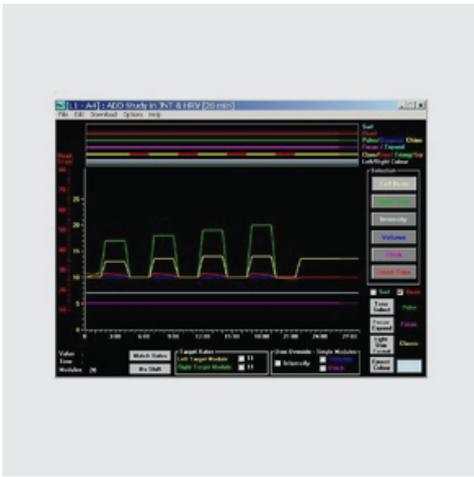
## Stereo Patch Cord

This cord is used to connect the DAVID to a CD or MP3 player so you can listen to music or a hypno cd while running a session.

It is also used to download your custom sessions from the computer to the DAVID.

3.5 millimeter (1/8") stereo plugs.

**AU \$11.00**

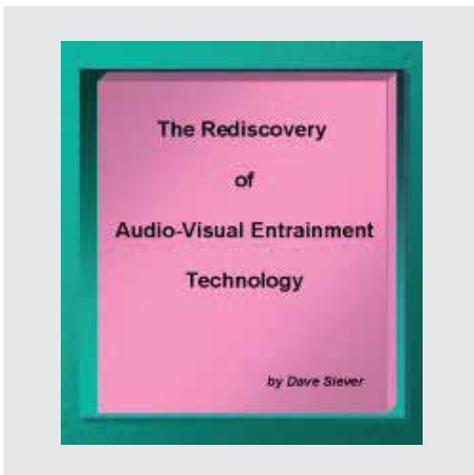


## The AVE Session & Protocol Guide For Professionals

The AVE Session & Protocol Guide For Professionals is a comprehensive and easy-to-understand description of the most popular DAVID sessions. Even though it was written with the professional in mind, anyone who wants to know more about the preset sessions in the DAVID devices can benefit from this guide.

There are 20 sessions outlined and explained in detail in this book. Each session has a brief description of each session, a diagram of what the session looks like on the DAVID Session Editor Software, and the recommended uses or protocol. This book is a result of Dave Siever's many years of research and experiences with AVE.

**AU \$29.00**



## The Rediscovery of Audio-Visual Entrainment

This is the only comprehensive, scientific book on audio-visual entrainment (AVE), also known as light and sound technology. Contained within its chapters is all the information you need to understand and use this technology with confidence. (Chapters 5, 6, 7, the appendices and the bibliography are available below in PDF format).

- Chapter 1 - The Brain and its Rhythms- the Basics
- Chapter 2 - Brain Activity and Quantitative EEG
- Chapter 3 - Visual Physiology and Stimulation Methods
- Chapter 4 - The Physiology of Auditory Stimulation
- Chapter 5 - Physiology of Stress
- Chapter 6 - What Really Is Audio-Visual Entrainment?
- Chapter 7 - The History of Brainwave Entrainment and Light and Sound Stimulation
- Chapter 8 - Rules of Brainwave Entrainment
- Chapter 9 - Tones and Binaural Beats
- Chapter 10 - Stimulation Methods and Patterns of a Session
- Chapter 11 - The Anatomy of a Session
- Chapter 12 - "Choosing and Using" a Session
- Chapter 13 - Precautions of Audio-Visual Entrainment
- Chapter 14 - Using Audio-Visual Entrainment Technology In Sports
- Appendices - AVE studies of ADD, Chronic pain, PMS and Anxiety
- Bibliography Of AVE Related Research

Be informed about this fascinating technology and order your complete book now!

**AU \$35.00**



## Viewhole Tru-Vu Omniscreen Eyeset ( Includes eyeset cord and eyeset case)

Now you can use your DAVID with your eyes open while sports training, to increase reading comprehension, to enhance your biofeedback/neurofeedback sessions, and help with phobia desensitization.

**AU \$155.00**



## White Tru-Vu Omniscreen Eyeset

(Includes eyeset cord and eyeset case)

Our unique patented Tru-Vu Omniscreen™ Eyesets have been carefully designed to provide you with the most effective and safe light and sound experience. These eyesets use eight blue-tinted white, wide angle LEDs mounted over a silver reflector behind a translucent screen. This disperses the light evenly and protects the LEDs. These LEDs are extremely efficient and last for over 100,000 hours. Because they draw so little power, they also allow for longer battery use.

**AU \$126.00**



## Yellow Tru-Vu Omniscreen Eyeset

(Includes eyeset cord and eyeset case)

Our unique patented Tru-Vu Omniscreen™ Eyesets have been carefully designed to provide you with the most effective and safe light and sound experience. These eyesets use eight yellow, wide angle LEDs mounted over a silver reflector behind a translucent screen. This disperses the light evenly and protects the LEDs. These LEDs are extremely efficient and last for over 100,000 hours. Because they draw so little power, they also allow for longer battery use.

**AU \$126.00**