

SCHOOL DAF

Updated: 2008 July 11

WHAT IT'S FOR

The School DAF treats stuttering, cluttering, and other speech disorders.

How It Works

The School DAF alters the user's voice in his or her ears to correct two neurological abnormalities associated with stuttering. When adjusted to correct stutterers' *auditory processing deficit*, the device immediately reduces stuttering about 70%, without speech therapy, mental effort, or abnormal-sounding speech. The device can also be adjusted to slow down and relax *speech motor activity*, reducing stuttering more than 50% after removing the device, even without speech therapy. With training from a speech-language pathologist, the School DAF can nearly eliminate even severe stuttering, and train the user to no longer need the device.



Hearing Safety Warning

Your School DAF should reduce stuttering at comfortable listening volumes, about 85 dB or less. If the device doesn't reduce stuttering at a comfortable volume, don't adjust the volume higher. Discontinue use of the device if you experience pain or ringing in your ears. We recommend getting your hearing tested regularly.

FDA Childhood Warning

FDA regulations require that this device can be used by children under 18 only with the approval of a speech-language pathologist.

Packing List

It is the customer's responsibility to report items missing from invoice or packing list.

- School DAF
- Sennheiser PC131 headset
- 120V AC adapter (*not shipped to Europe*)
- Alcohol wipes for microphone (*shipped only to schools and speech clinics*)
- No Miracle Cures* book and DVD

Using the Headset

Use the Sennheiser PC130 headset (pictured at right, \$40) for therapy practice. The red plug goes into the MIC (microphone) jack. The black plug goes into the EAR (earphone) jack. Adjust the microphone about one inch from your mouth.

Note the *inline volume control* and microphone switch on the headset cord.

We have hygiene kits (\$10) with alcohol wipes for cleaning the headset microphone, and washable earphone covers.



Delayed Auditory Feedback (DAF)

If you want to speak at a normal speaking rate, adjust the DELAY control (front panel) to 55 milliseconds (ms).

If your speech-language pathologist has trained you to slow your speaking rate by stretching vowels and joining words together (*continuous phonation*), adjust the DELAY to a slower setting. Use a 70 ms delay for a “slow-normal” speaking rate. Use a 100 ms or longer for very slow speaking rates. The provided book and video *No Miracle Cures: A Multifactorial Guide to Stuttering Therapy* describes how speech-language pathologists use DAF to train fluency shaping stuttering therapy technique.



Don't use delays longer than 55 ms while speaking at a normal speaking rate. Longer delays don't improve fluency at normal speaking rates. Attempting to talk at a normal speaking rate with the DELAY set longer than 55 ms could cause headaches and/or cause the device to become ineffective (“wear off”) over time.

Using a Cellphone Earset

A wide variety of miniature cellphone earsets are available. The microphone and earphone are one unit, with one small wire to the School DAF. Cellphone earsets plug into the small jack labeled CELL (front panel).



The School DAF works with a wide variety of microphones and earphones. A variety of carrying cases and belt packs are also available. Please visit our website for more details.

Battery and AC Adapter

An alkaline battery (Radio Shack 23-875, \$3.29) should last about 25 hours. Carbon-zinc and zinc-chloride (“heavy duty”) batteries also can be used.

The AC adapter does *not* recharge the battery. The AC adapter is a Class 2 power source rated between 5 and 12 volts DC, center-positive, with a 3.5mm/1.3mm plug, 50mA or greater.

Belt Clip

The belt clip can be removed by pressing in the center tab.

TROUBLESHOOTING & REPAIRS

The devices rarely break. Problems are usually either a dead battery or a broken headset. Before calling us for repair service please check the following list.

1. Check that the microphone is plugged into the microphone jack (MIC) and the headphones are plugged into the headphone jack (EAR). Headphone manufacturers have *not* standardized the colors of these plugs. Usually the microphone plug is red but sometimes a headset has a pink or grey microphone plug. Usually the headphones plug is black but sometimes a headset has a green headphones plug. If you're not sure which plug is the headphones, plug each headset plug into a stereo. The plug that enables you to hear music is the headphones.
2. Check the headset's inline volume control. On the headset's cord you'll see a volume control and a microphone switch. Turn the volume to maximum and switch the microphone on. You may want to wrap tape around this to prevent it from changing.
3. Does the light go on when you switch the power on? If not, try the AC adapter, and install a fresh battery. If the light doesn't go on with the AC adapter or with a fresh battery, return the device to use for repair.
4. Try the device with the DELAY control set at minimum (30 ms), and then set in the middle (125 ms). If the device works in the middle but not at the minimum, return it to us for repair.
5. If you have a cellphone earset, unplug the headset and plug your cellphone earset into the small jack labeled CELL. Don't put the cellphone earset into your ear until the device is switched on (with the minimum delay and a high volume you will get loud feedback). If the device works with a cellphone earset but not with the headset, you need a new headset. (Nokia-compatible cellphone earsets won't work with our devices.)
6. Test the headphones. Plug the headset's headphone plug (usually black) into a stereo and listen if you hear music. Or plug another pair of headphones into the device. If the headphones don't work, you need a new headset.
7. Test the microphone. Plug another microphone into the device. If the device works with the other microphone, you need a new headset. Dead microphones are one of the most common problems.

Sennheiser headsets have a one-year warranty. The warranty cards are in the headset package. Return headsets to Sennheiser for warranty repairs (not to Casa Futura Technologies).

You can buy a new headset from us. Currently we sell Sennheiser PC130 headsets for \$40 plus \$5 shipping (\$45 total). You might want to call to ask if we've found a newer, better headset. You can also order a Sennheiser PC130 on the Internet (e.g., Amazon.com), usually for less than our price. You can also buy a headset at Radio Shack, CompUSA, etc. Any brand will work with our devices.

To return a device for repair, return both the device and the headset. You can return your other accessories or keep them. Our address is 720 31st St, Boulder, CO 80303-2402. Call us to make sure we haven't changed the address for repair service. Out-of-warranty repairs are \$50/hour with a one hour minimum. Even if there's nothing wrong with the device (e.g., a dead battery) we bill the one hour minimum. We try to do repairs within 24 hours. UPS Ground shipping is free for repairs. We can do faster shipping if you pay the difference.

TRIAL PERIOD & WARRANTY

Consumers may return devices purchased from a speech clinic within 60 days from the date of sale, or three months from the date Casa Futura Technologies shipped the device, whichever is sooner, for a full (100%) refund.

Speech clinics may return devices to Casa Futura Technologies with three months from the date Casa Futura Technologies shipped the device, for a full refund, minus shipping costs.

Consumers may return devices purchased directly from Casa Futura Technologies within 30 days from date of delivery, or three months from the date Casa Futura Technologies shipped the device, whichever is sooner, for a 90% refund, minus shipping charges.

Wireless accessories are not returnable.

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Accessories covered by the manufacturers' warranties are not covered by this warranty. If your Sennheiser headset or Jabra earset breaks, return it to Sennheiser (860/434-9190, 1 Enterprise Drive, Old Lyme, CT 06371, <http://www.sennheisercommunications.com/>) or Jabra (858/622-9955, 9171 Towne Centre Drive, Suite 500, San Diego, CA 92122, <http://www.jabra.com/>).

TERMS: Net 30. All accounts past due will be assessed a finance charge of 1.5% + \$5 per month. \$20 or 10% charge on bounced checks (whichever is greater).

SHIPPING F.O.B. Boulder, Colorado

LIMITED WARRANTY: Seller warrants all merchandise against defects in material or workmanship for a period of one year from the date of invoice unless otherwise stated. Your only remedy under this limited warranty is repair or replacement of any item at no charge if seller determines that such item is in fact defective. This warranty does not cover damage to any item if, in our opinion, damage has been caused by improper customer assembly or modification, negligence, improper operation, misuse or abuse. Seller is not responsible for incidental or consequential damages, including, without limitation, lost profits and lost use of other goods even if advised of the possibility of such damage or if such damage could have been reasonably foreseen, except only in case of personal injury where applicable law requires such liability.

Prices and features subject to change without notice.

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