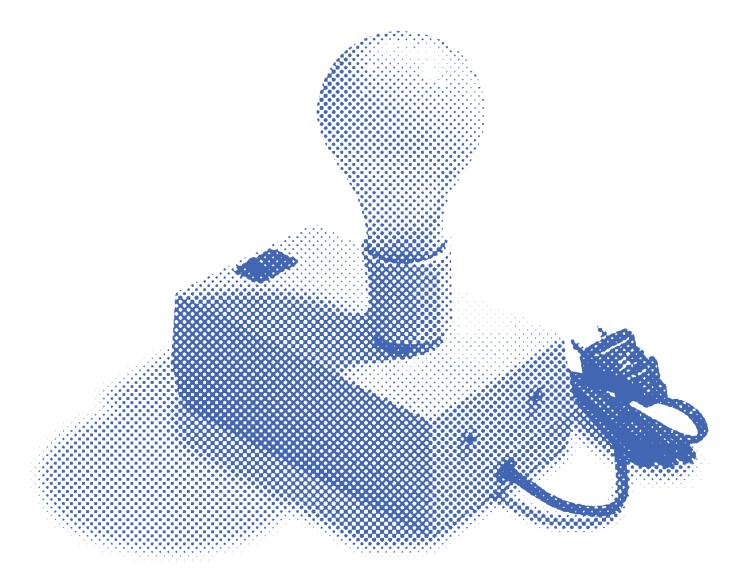
# **DEAFWORKS**.

Providing Technology Products and Services for the Deaf and Hard of Hearing since 1988

# Millennium Product Catalog

Educational Products • Individual Products • Services



# Visit us at www.deafworks.com

(801) 465-1957 TTY • (801) 465-1958 Fax • 1-800-855-2881 Voice Relay

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DEAFWORKS certifies that all of the products listed in this catalog which are manufactured by DEAFWORKS are Year 2000 compatible and do not store or use an internal date or time in the process of operation at any time. DEAFWORKS, TTY Screener, and TTY Trainer are trademarks of The DEAFWORKS Company. All other product names are the trademarks, registered trademarks or service marks of their respective holders. All listed prices are good until December 2001. All prices are in US funds.

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The DEAFWORKS Company P.O. Box 1265 Provo, UT 84603-1265 www.deafworks.com

TTY: (801) 465-1957 (Note: Effective December 2000, the 801 area code will change to 385.) Fax: (801) 465-1958 USA Voice Relay: 1-800-855-2881 Utah Voice Relay: (800) 346-4128 Hours: Monday–Friday, 9:00 am–6:00 pm (MST)

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# Paragon TTYs →

For years, TTYs have only been equipped with one line/40 character readouts. *DEAFWORKS* unveils a new generation of TTYs—the Paragon series. Cellular phone ready and featuring a large four line/40 character display, the Paragon TTY series is a new attractive option for any TTY user.

Missing conversations that only last one line? The Paragon TTY series features a full **four** lines of text shown on a beautiful green LCD screen.



# ▲ Paragon Sr. TTY

This new TTY from *DEAFWORKS* features digital cellular phone capability (Nokia 2190 or 6190 only) and a 4-line x 40 LCD beautiful green display. Direct connection or perfect with TTY Screener (page 4) and is wall (uses 120V power adapter) and/or battery powered. Dark grey body, light grey keyboard.

#TTY200

#### **\$199.95** (\$8.50 shipping/handling)

#### Paragon Sr. TTY Specifications:

Dimensions: 1.5" x 11" x 8" (3.8 x 28 x 20.3 cm); 2 lbs. Display: green 4-line x 40-char LCD digital display **Paragon Jr. TTY** (not shown) The lower cost version of the Sr. TTY, the Jr. features a 4-line x 40 LCD beautiful green display. Direct connection or perfect with TTY Screener (page 4) and is wall and/or battery powered. Dark grey body, light grey keyboard.

#TTY100

#### **\$159.95** (\$8.50 shipping/handling)

### Paragon Jr. TTY Specifications:

Dimensions: 1.5" x 11" x 8" (3.8 x 28 x 20.3 cm); 2 lbs. Display: green 4-line x 40-char LCD digital display

**Paragon Silver TTY** (not shown) The Paragon Silver TTY comes with *DEAFWORKS* patented TTY Screener II (page 4) technology built in. Contains all features of the Paragon Jr. TTY.

#TTY300

**\$249.95** (\$8.50 shipping/handling)

#### Paragon Silver TTY Specifications:

Dimensions: 1.5" x 11" x 8" (3.8 x 28 x 20.3 cm); 3 lbs. Display: green 4-line x 40-char LCD digital display

# TTYScreener Products →

Invented and engineered by *DEAFWORKS*, TTYScreener automatically detects and screens inbound calls (voice or TTY). Perfect for home or office, TTYScreener saves TTY users time and money by correctly routing voice (TTYScreener provides a voice recording directing callers to a relay number) or TTY calls to the correct user. Choose from one of 13 different TTYScreener options to find which solution works best for you.



# ▲ TTYScreener

Perfect for helping TTY owners who have TTY, fax, computer modem, and voice telephone numbers to avoid confusion and increase security. See individual product descriptions for more details. Beige.

### All TTYScreener Specifications:

Dimensions: 1.5" x 3.5" x 5.5" (3.8 x 9.0 x 11.4 cm)

# Caller ID Phone Jack Lampor Caller ID Flasher Caller ID TTY Caller ID TTYScreener ID Caller ID

- Provides basic functions
- Does not Include voice relay number recording

# #TSC100



# ▲ TTYScreener II

- Provides basic functions
- Includes voice relay number recording

#TSC200

# \$139.95

\$139.95 (\$8.50 shipping/handling)

\$139.95

**\$139.95** (\$8.50 shipping/handling)

(\$8.50 shipping/handling)

(\$8.50 shipping/handling)

- ▲ TTYScreener II-BIZ
- Perfect for businesses who use TTY
- Includes voice business main number recording
- Requires additional \$25.00 for programming fee

#TSC201

# ▲ TTYScreener II-GVT

- Provides basic functions
- · Includes federal voice relay number recording

# #TSC202

# ▲ TTYScreener II-VCO

- Combines TTY and VCO in one telephone number
- Includes voice relay number recording

#TSC203

# ▲ TTYScreener II-VVCO

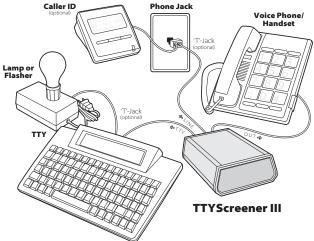
- Combines TTY, VCO, and voice in one number
- Includes voice relay number recording

#TSC204

# \$139.95

(\$8.50 shipping/handling)

# TTYScreener Products →

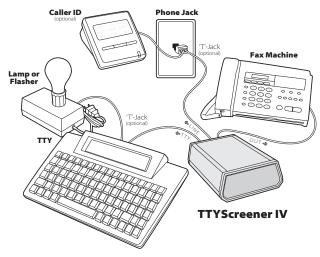


# ▲ TTYScreener III

- Eliminates expensive monthly dedicated line by combining TTY/voice into one telephone number
- Includes voice relay number recording

#TSC300

**\$149.95** (\$8.50 shipping/handling)

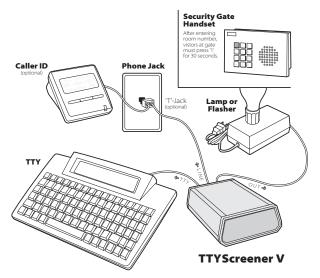


#### ▲ TTYScreener IV

- Eliminates expensive monthly dedicated line by combining TTY and fax into one telephone number to alude a using relevance on a second as a second secon
- Includes voice relay number recording

# #TSC400

**\$149.95** (\$8.50 shipping/handling)

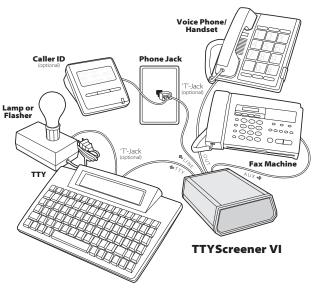


### ▲ TTYScreener V

- Helps avoid confusion and increase security for apt/condo TTY owners who use a security gate with a TTY number
- Includes voice relay number recording
- Meets ADA accessibility requirements

#TSC500





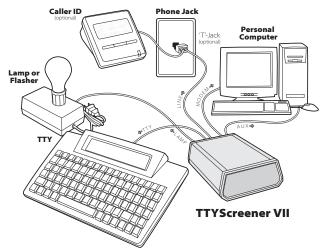
### ▲ TTYScreener VI

- Eliminates expensive monthly dedicated line by combining TTY, fax, and voice into one telephone number
- Does not Include voice relay number recording
- Meets ADA accessible requirement

#TSC600

\$159.95 (\$8.50 shipping/handling)

# TTYScreener Products (cont.) →



#### Phone Jack Personal Computer Personal Computer Personal Computer Personal Computer Comp

# ▲ TTYScreener VII

- Great for those who use both a TTY and PC (on a separate line) for enhanced VisionLink and/or a wireless eFlasher (page 12) use.
- · Includes voice relay number recording

#TSC700

# \$159.95

(\$8.50 shipping/handling)

#### ▲ TTYScreener VIII

- Eliminates expensive monthly dedicated line by combining TTY/voice into one telephone number
- Voice communication via SuperVoice or other voice software
- · Does not include voice relay number recording

Phone Jack

R

'T'-Jack

- Jacl

### #TSC800

Lamp or Flasher

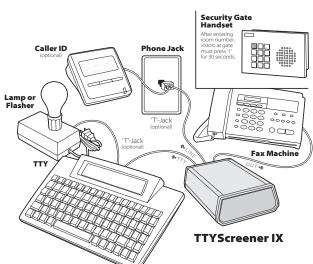
Caller ID

**\$149.95** (\$8.50 shipping/handling)

Security Gate Handset

Voice Phone Handset

**TTYScreener X** 



# creener IX

# ▲ TTYScreener X

- Helps avoid confusion and increase security for apt/condo TTY owners who use a security gate with a TTY, fax, and/or telephone number
- Does not include voice relay number recording

#TSCA00

**\$159.95** (\$8.50 shipping/handling)

# ▲ TTYScreener IX

- Helps avoid confusion and increase security for apt/condo TTY owners who use a security gate with a TTY and/or fax telephone number
- Includes voice relay number recording

#TSC900



# TTY Trainer ->

The TTY Trainer (U.S. Patent #5,012,508) was introduced in 1989. It is a very useful device that teaches deaf and hard of hearing students how to practice communication skills, to improve their typewritten language skills, and to increase reading proficiency. The TTY Trainer does not require that it be hooked to any existing telephone lines! It is very easy to operate—just plug its power cord into an electrical wall outlet and place the telephone handsets on each TTY's dual acoustic cups. (For the direct-connection version, plug the telephone line cords to the TTY's telephone jack). Flip the power switch to on and you are ready to go!

# ▲ TTY Trainer 2000

Excellent for classroom training, the TTY-Trainer fits on and adapts to any TTY unit. Handles 2 TTYs (acoustic only) simultaneously on same table. Lightweight and portable. Meets low incidence funding requirements. Beige.

#TRN200



# TTY Trainer 2000 Specifications:

Dimensions: 8" x 3.5" x 3.5" (20.3 x 8.9 x 8.9 cm)

# ▲ TTY Trainer 2000-DC

Handles 2 TTYs (direct connect only) simultaneously on same table. Lightweight and portable. Beige.

#TRN201

\$89.00 (\$8.50 shipping/handling)

#### TTY Trainer 2000-DC Specifications:

Dimensions: 3.25" x 5.6" x 2" (8.3 x 14.2 x 5.0 cm)

# TTY Trainer (cont.) →

# Alarm Clocks →

Each alarm clock is equipped with a handy reading light and built-in flasher switch. Just plug any lamp into the clock; switch "up" to access the reading light, switch "down" to set the flashing alarm light. Also works with bed vibrators. Great electronic circuit design (U.S. Patent #5,016,229). Exclusively engineered and modified by *DEAFWORKS*.



# ▲ TTY Trainer 4000-DC

Handles up to 4 TTYs (direct connect only) simultaneously on same table. Lightweight and portable. Beige.

#TRN400

**\$99.00** (\$8.50 shipping/handling)

#### TTY Trainer 4000-DC Specifications:

Dimensions: 6.9" x 4.9" x 2.1" (17.5 x 12.4 x 5.3 cm)

# ▲ Original Alarm Clock

The Original Alarm Clock model features basic time- and alarm-set functions, snooze bar, and large display. Brown.

#ALM100

\$32.95 (\$8.50 shipping/handling)

#### Original Clock Specifications:

Dimensions: 5" x 3" x 2" (12.7 x 7.6 x 5.1 cm) Display: .8" red LCD digital display

# Alarm Clocks →



# ▲ Futuristic Alarm Clock

Cool and sleek looking, the Futuristic Alarm Clock model features also basic time- and alarm-set functions, snooze bar, and large display. White.

#ALM200



#### **Futuristic Clock Specifications:**

Dimensions: 4.5 " x 4.5 " x 4" (11.4 x 11.4 x 10.2 cm) Display: .9 " red LCD digital display With the Jumbo Alarm Clock, you can set **two** different alarms for different times or people.

# ▲ Jumbo Alarm Clock

Oversized and easy to read, the Jumbo Alarm Clock features a large display and a dual-time function—set a different time for different people or alarms. White.

#ALM300



#### Jumbo Clock Specifications:

Dimensions: 9" x 3" x 4" (22.9 x 7.6 x 10.2 cm) Display: 2.0" red LCD digital display

# X-10 Wireless Devices →

A wireless standard for more than 15 years, *DEAFWORKS* has exclusively modified X-10 wireless technology for in-home systems such as doorbell, baby cry, and telephone alert systems for Deaf and hard-of-hearing customers. High quality and sophisticated, X-10 wireless technology is immune to police radar, aircraft communications, and CB radios.



# ▲ Doorbell Set

Specify chime, non-chime, or intercom option for the doorbell. Beige. Comes with these components:

- One transmitter box
- One lamp module receiver
- One 15' (2.3m) white wire
- One doorbell button (chime option) or intercom buzzer (intercom option)
- Installation Manual

# #WST100 (chime) #WST101 (non-chime) #WST102 (intercom)

\$89.95

(\$8.50 shipping/handling)

### X-10 Doorbell Transmitter Specifications:

Dimensions: .75" x 3.75" x 4.5" (1.9 x 9.5 x 11.4 cm)



# ▲ Wireless X-10 Lamp Receiver

Beige. Comes with these components:

- One lamp module receiver
- One socket
- One 60 watt bulb
- Installation Manual

#RVR100



### X-10 Lamp Receiver Specifications:

Dimensions: 2.1 " x 3.0 " x 1.5 " (5.3 x 7.6 x 3.8 cm)



# ▲ Telephone Set

Beige. Comes with these components:

- One transmitter box
- One lamp module receiver
- One duplex (T) jack
- Installation Manual

#WST200



# X-10 Telephone Transmitter Specifications:

Dimensions: .75" x 3.75" x 4.5" (1.9 x 9.5 x 11.4 cm)

# X-10 Wireless Devices →



# ▲ Baby Cry Set

With no messy wires, the baby cry set features a built-in microphone and easy adjustable light control. Beige. Comes with these components:

- One transmitter box
- One lamp module receiver
- Installation Manual

#WST300

**\$77.95** (\$8.50 shipping/handling)

### X-10 Baby Cry Transmitter Specifications:

Dimensions: .75" x 3.75" x 4.5" (1.9 x 9.5 x 11.4 cm)

# Combo Set (not shown)

The X-10 Combo Set features both the Doorbell and Telephone Set equipment. Specify chime, non-chime, or intercom option for the doorbell. Beige. Comes with these components:

- One doorbell transmitter box
- One Telephone transmitter box
- Two lamp modules
- One duplex (T) jack
- One doorbell button (non-chime only)
- One 15' white wire
- Installation manual

#WST400



(\$8.50 shipping/handling)

### X-10 Combo Set Specifications:

(See specifications on pages 10-11.)

# Total Set (not shown)

The X-10 Total Set features all three Doorbell, Telephone, and Baby Cry Set equipment. Specify chime, non-chime, or intercom option for the doorbell. Beige. Comes with these components:

- One baby cry transmitter box
- One doorbell transmitter box
- One telephone transmitter box
- Three lamp receiver modules
- One duplex (T) jack
- One doorbell button (non-chime only)
- One 15' (2.3m) white wire
- Installation manual

#WST500



### X-10 Total Set Specifications:

(See specifications on pages 10-11.)

Transmitter (not shown)

Purchase a single transmitter (without X-10 Lamp Receiver, (RVR100).

#XMT100 Doorbell: Chime

# \$68.00

#XMT101 Doorbell: Non-chime

\$68.00

#XMT102 Doorbell: Intercom

	<b>\$68.00</b>
#XMT200 Telephone	\$58.00
#XMT300 Baby Cry	\$56.00
, , ,	(\$8.50 shipping/handling)

### X-10 Transmitter Specifications:

Dimensions: .75" x 3.75" x 4.5" (1.9 x 9.5 x 11.4 cm)

# NEW! eFlasher →

Whether you are away from your monitor, unable to notice flashing alerts, cannot hear the speaker's sound, or your monitor is turned off, the eFlasher is designed to quickly alert users to any incoming e-mail, TTY-PC, instant message (AIM, ICQ, etc.) or video computer signal calls. Both PCand Macintosh-compatible, the eFlasher also intelligently screens out music or other regular system sounds.



# ▲ NEW! eFlasher

Light and convenient, the eFlasher is ideal for every deaf computer user. Provides three flashes for each computer sound or call signal received. After 30 minutes will turn itself off. Beige. eFlasher III unit works with X-10 flashers (pgs. 10-11) to transmit to any wireless receiver in the house. Includes:

- One 60 watt bulb
- Constant flashing switch feature
- 6' long electrical cord
- Installation manual
- One year warranty

#EFL100 eFlasher I	\$89.95
#EFL200 eFlasher II	\$99.95
#EFL300 eFlasher III	\$139.95
	(\$8.50 shipping/handling)



Dimensions: 5.75" x 3.25" x 2" (14.6 x 8.2 x 5.1 cm)



# ▲ TTYScreener VII

Works best for those who have separate phone lines for TTYs and the Internet. The TTYScreener VII correctly routes voice (TTYScreener provides a voice recording directing callers to a relay number—see page 6 for schematic) or TTY calls to the correct user without any interruptions to your Internet connection. Beige.

#TSC700

**\$159.95** (\$8.50 shipping/handling)

**TTYScreener VII Specifications:** 

Dimensions: 1.5" x 3.5" x 5.5" (3.8 x 8.9 x 14 cm)

# Tech Support and Other Contract Services →

# **Repair Services**

*DEAFWORKS* offers repairs of variety adaptive & assistive devices and equipment for the deaf and hard-ofhearing individuals. All repairs cover with 90 days warranty on parts and labor:

## • TTY Repair

#### \$45 (service flat rate) plus parts and shipping

Due to the nature of obsolete technology, parts may be not available. Check with us first to see if we can repair your unit. Please be prepared to provide the name of manufacturer, unit name, model number, and serial number when contacting us.

#### • TTY Security

#### \$25 (service flat rate) plus parts and shipping

Worry about theft? Have you borrowed from a friend and now are unsure which unit belongs to you? Recording the unit's serial number may be helpful is not always effective. Serial number labels are often removed or ruined. With this service, you can quickly identify your TTY unit by displaying your name on the TTY display screen.

DEAFWORKS will program your custom name (up to 20 characters) for \$25, plus EPROM chip parts and shipping. If you send a non-working unit, an additional charge of \$45 plus parts will be added. A \$25 programming fee as compared to a minimum loss of \$400 value TTY unit is your call.

### **Closed Captioned Decoder Repair**

\$45 (service flat rate) plus parts and shipping

We only repair two types of decoders: CC#1—"first & oldest" CC#2—"second & with remote control" Sorry, *DEAFWORKS* will not repair CC #3000 and CC #4000 units.

### **Other Repair Services**

If you have a product that needs to be repaired but is not listed above, please send your repair inquiry to us (tech@deafworks.com or by mail) to see if we can repair it or not.

# **House Call Services**

DEAFWORKS offers house call service for repairs and consulting on a variety of adaptive and assistive devices and equipment for deaf and hard-of-hearing individuals.

#### Installation

\$45 (service flat rate) plus parts and service trip TV/CC/VCR hook-ups X-10 Wireless System installation

#### Repairs

*\$45 (service flat rate) plus parts and service trip* TTYs, closed captioned decoders, and X-10 Wireless System

### Consultation

#### \$45 (hourly rate) plus drawing and service trip

DEAFWORKS will work with the licensed builders of your new home (preferably after framing and electrical work is completed but before sheetrock installation has begun) for better visual setting of lighting system condition. DEAFWORKS will provide consulting to builders and new owners on wiring diagrams and layout recommendations.

# **Engineering Services**

*DEAFWORKS* offers various engineering services to both the deaf and hearing communities. We offer NDAs (Non-Disclosure Agreements) on all engineering services with clients.

#### **Design Engineering**

# \$65 (hourly rate) plus \$5,000 initial upfront start-up and required expenses fees

Once *DEAFWORKS* has received your concept or idea, then we will get to work designing, prototyping, evaluating, and finally, creating a finished and working product, ready for beta testing. (Patenting and marketing are responsibility of the client.) However, we do offer additional consulting fees for patenting and marketing. The average time of market release on small products is 2-3 months and, depending on the nature of complication, may be less.

# Tech Support and Other Contract Services →

We have excellent in-house resources:

- Extensive analog and digital engineering library
- Computerized programming emulator and simulation workstation
- Equipment (tools) to build prototyping unit

We also have excellent relationships with:

- Electronic parts suppliers
- PCB fabricators
- Custom Plastic Molder manufacturers
- Domestic and overseas production facilities
- University engineering networks

#### **Reverse-engineering**

# \$45 (hourly rate) plus \$1,000 initial upfront start-up fees

Obtain complete schematics, firmware codes (description of each purpose), and parts supplier lists with this *DEAFWORKS* service. We also do cracking and hacking codes on any software programs. This is ideal, for example, for help in creating a repair service manual if a manufacturer has gone out of business. May also be used in manufacturing ("copy-cat") nonpatented products. It may require some additional fees to validate the duplication (or "clone") unit. Average time is 2-3 months and may be even less, depending on the nature of complication.

#### **Consulting engineering**

#### \$45 (hourly rate) plus required set-up fees.

Your actual research and development (R&D) or "prototype" product that you would like for us to do the various stages:

- Beta test: Running your product to see if it passes quality assurance test performance.
- Detail analysis test: Checking your product to see if the device can live up with our expectations in the long run.
- Modify & recommend designs for better performance and efficiency: This is an increased cost (\$65.00/per hour) if we find any design "flaws" discrepancies in your product and we design a working modified device to improve your product.
- Value-added design: This is an increased cost (\$65.00/per hour) if we can improve your design into fewer or lesser parts count for the same function performance. Hence, lower production cost and higher profit on your end.

#### **Contract engineering**

#### Pricing negotiable

We have extensive experience on these specialized fields. We do offer short or long term contract design engineering at your company site:

- Electronics (analog and digital)
- Lasers (entertainment and military)
- Firmware Programming (Assembly, Hex, and HC05)
- Software Programming (DOS, Basic, and Visual Basic)
- Webpage Programming (HTML and JAVA)

# **Technical Manuals**

DEAFWORKS offers all different kind of brands of adaptive & assistive device technical manuals (schematics and some contains theory of operation). Each product manual is \$50. Or, buy the whole product technical manual in a 6" book-binder (approx. 35 different products) for a special rate of \$1,000 (valued at over \$1,500).

Technical manuals are excellent for technical students who are in training to become repair technicians. These manuals are great for any repair shop; often, many technical manuals are difficult to obtain or out of print. To make your life easier, *DEAFWORKS* may be your last stop! Contact us for technical manual availability.

DEAFWORKS also sells parts for various equipment. You should have a working knowledge of electronics before you start any repairs. DEAFWORKS will not, however, provide any repair consultation or be liable for any repairs you as a consumer start on your own. Contact us (tech@deafworks.com or by mail) for parts and replacement availability. Be sure to include the make, model, exact part number, and its description.

Date:		Purchase Order	Numbe	r:			
Contact & Shi <sub>l</sub>	pping inform	nation:					
Name:							
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e-mail:							
Order Informa	ntion:						
Stock #	Page #	Description		Price	Qty	Total	
#ABCDEF	3	Sample Order		\$000	1	\$000	
<ul> <li>Notes:</li> <li>1. Ordering a doorbell system (page 10–11)? Please specify □ Chime □ Non-chime □ Intercom</li> <li>2. Ordering TTYScreener? Please provide the voice state relay phone number below. If no number is specified, TTYScreener will default to</li> </ul>		Subtotal:					
		Sales Tax: (Utah residents only: 6.25%)					
Nationwide Voice Relay Service (1-800-855-2881) State Relay Number:	Shipping:						
(801) 465-1958 Fax, 1-800-855-2881 Voice Relay, or e-mail to order@deafworks.com		Total					
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🗆 Check 🗆	Money Or	der 🗆 VISA 🗆 MasterCard 🗆 Dis	cover				
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Signature <sup>,</sup> X							

# **NEW! eFlasher**

Whether you are away from your monitor, unable to notice flashing alerts, cannot hear the speaker's sound, or your monitor is turned off, the eFlasher is designed to quickly alert users to any incoming e-mail, TTY-PC, instant message (AIM, ICQ, etc.) or video computer signal calls. Both PCand Macintosh-compatible, the eFlasher also intelligently screens out music or other regular system sounds.

# See page 12.

# **NEW!** eFlasher

#EFL100

\$89.95 (\$8.50 shipping/handling)

### The DEAFWORKS Co.

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