2016 Product Catalog

Digital Messaging and Smart Scenting Solutions

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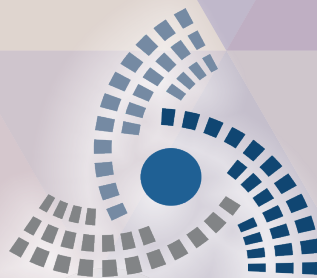
PICA Product Development

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"Our Products Speak for Themselves"

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Defective out-of-box Returns: Subject to product warranty requirements, we will replace any defective product returned to us within 30 days of invoice date. Products must be returned in the original packaging and carton and must include all components, cables, manuals, power supplies, connectors and other items originally packaged with the product. Prior return authorization is required, see details below.

All Returns: Before returning any merchandise for any reason you must obtain a Return Merchandise Authorization (RMA) number, issued via telephone by our Customer Service department at 603.425.1096. You must write the RMA number clearly and legibly on the return label of each carton returned, otherwise the shipment will be refused. NOTE: There are No Returns for credit on custom products specially modified or designed per customer request.

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iScent™® Radius

Intelligent Scenting System

Patented Oil Level Sensing
& Remote Management Technology

Available Wireless Option

▶ 802.11 b/g network standard
▶ WPA, WPA2, WEP security infrastructure
▶ Included high-gain 2.4GHz antenna
▶ Wireless configuration via web browser

The iScent Radius is an intelligent easy-to-use scenting system utilizing advanced microprocessor controlled fragrance oil level, pump & atomizing diffuser technology. This system can be used in a wide range of environments such as airports, amusement parks, car dealerships, corporate offices, cruise ships, grocery stores, gyms & spas, homes & condos, hospital & healthcare, hotels, & casinos, restaurants & bars, retail stores & malls, theaters & venues, and waste management.

The iScent Radius can be used as a stand alone system using an intuitive 2 x 16 LCD display and keypad for programming. For advanced capability and remote unit management, including real-time fragrance oil level sensing, the system can be connected to the Internet through its wired or wireless LAN options.

All remote unit management is performed by the authorized supporting dealer over the Internet using our secure NTL Studio software suite. The integrated two-way (push or pull) feature combined with the ability for remote schedule changes and feedback of fragrance oil level provide unlimited flexibility and control for mutli-location installations.

▶ Easy-to-use local unit programming
▶ Optional wired or wireless connectivity
▶ Customizable backlit LCD screen
▶ Local & remote fragrance oil level sensor
▶ Tactile feel membrane overlay keys
▶ High-Impact Chemical Resistant Plastic
▶ 1-year parts and labor warranty
▶ Designed and manufactured in the USA

Specifications:

Diffusion Method ....Cold Air Micro-Mist Area
Coverage ....up to 30,000 cubic ft.
Fragrance Capacity ..500mL
Internet Connection .Wired & Wireless
Wireless Standards ..802.11 b/g
Wireless Security ...WPA, WPA2 & WEP
Unit Construction ...High-Impact Plastic
Power...............15VDC @ 1.67A
Size (D x H) ....4.50" Dia. x" x 11.25"
Color ....White or Black
Shipping Weight ....4 pounds

iScent™®

Intelligent Modular Scenting System

The iScent is a state-of-the-art scenting unit that allows for fragrance disbursement in industrial and commercial applications. Each unit has the ability to run a 24 hours-a-day duty cycle or can be set to be cycled on and off with the built in timer. Units are built with low power high quality ball bearing fans that are virtually silent allowing units to used in a multitude of environments.

Users who require more advanced control can pair the iScent unit with an iLink LCD digital message repeater from Nel-Tech Labs to create a powerful synchronized scenting and audio platform. Units can be paired with the two-zone audio output of the iLink to allow for separate scenting zones as well as pre and post-scenting scheduling capabilities. Because of the advanced optically isolated circuitry, units can be hundreds of feet from the main control unit or daisy chained for increased scenting coverage.

The iScent units use specially created iScent Packs designed by Air Esscentials that take full advantage of the air flow dynamics engineered into every unit. Air Esscentials has many off the shelf scents but can create a compelling scent program to drive the sales of your product or services.

► Scenting up to 450 sq. ft. area
► Virtually silent fan operation
► Scent & iLink message synchronization
► Built-in on-off cycle timer
► 24-hour continuous operation duty cycle
► Industrial aluminum case construction
► Optically isolated trigger inputs
► Low power energy efficient design
► Laser engraved cover option
► 5-year parts and labor warranty
► Designed and manufactured in the USA

Specifications:

Scenting Area .....450 sq. ft.
Scenting Method ...Forced Air
Scent Pack Type ...iScent Pack
         by Air Esscentials
Scent Pack Life ...30 Days (average)
         @ 12.5 hours per day
Expansion ....Optically Isolated
         with 500 ft. range
Power.............12VDC @ 150mA
Size (H x W x D) ..6.00" x 6.00" x 1.50"
Color ....Black
Shipping Weight ...3 pounds

iLink LCD

Internet Loadable Messaging System

Available Wireless Option

► 802.11 b/g network standard
► WPA, WPA2, WEP security infrastructure
► Included high-gain 2.4GHz antenna
► Wireless configuration via web browser

The iLink is a two-channel Internet downloadable messaging system utilizing MP3 compression to achieve near-CD quality audio playback. Units come with 2GB or 4GB of built-in flash memory to handle any audio application. The new backlit LCD screen and membrane touch keys control volume and mode settings as well as allowing local configuration of the unit's IP. Also included is an internal monitor speaker for checking playback status.

The iLink connects to the Internet through its built-in 10/100 LAN jack. All unit management and audio file downloads are performed by the authorized supporting dealer over the Internet using our secure NTL Studio software suite. The integrated two-way (push or pull) feature combined with the ability for changes to be initiated on demand or be scheduled from minutes to weeks in advance provide unlimited flexibility and convenience.

The iLink provides a solid platform for all applications ranging from simple message-on-hold with seamless single message playback to complex scheduled tasks requiring background music with fade and message mixing. The dual independent outputs also make the iLink a "one-box-solution" in multi-zone installations.

► Complete unit management via Internet
► Dealer customizable backlit LCD screen
► Full menu-driven local control
► Playback quality up to 128Kbps
► Fully configurable playback options
► BGM input with fader and mixer
► Dual independent output channels
► Internal monitor speaker
► LED status indicators
► 5-year parts and labor warranty
► Designed and manufactured in the USA

Specifications:

Playback MP3
Freq. Response ...20Hz to 20KHz
Bit/Sample Rate ..Up to 128Kbps/48KHz
Loading Type......Internet
Memory Type ......Flash
Memory Capacity ..2GB or 8GB
Message Capacity .Up to 1000
Message Playback .Fully configurable
Power............12VDC @ 500mA
Audio Output .....Dual - 8Ω or 600Ω RCA
Size (H x W x D) .6.00" x 6.00" x 1.50"
Color ....Black
Shipping Weight ..3 pounds

NTL Studio

Remote Unit Management Software Suite

NTL STUDIO™ IS A POWERFUL MICROSOFT SQL DATABASE DRIVEN SOFTWARE PACKAGE USED TO CONTROL AND MANAGE ILINK,TELINK & ISCENT2 UNITS IN THE FIELD.

NTL Studio Management allows for easy management of Nel-Tech Labs/PICA Product Development manufactured digital messaging and scenting hardware using easy to use tabs, toolbars, sliders, progress bars and buttons. Creation of audio libraries, playlist and schedules are done with a simple drag-and-drop style interface and built in "quick-play" features. Global unit changes are also streamlined with the newly updated and optimized group creation wizard.

NTL Studio Distribution allows for fully automated updates of iLink, TELink & iScent Radius hardware. Updates can be done instantly or scheduled for a future date and time. The updated Distribution engine allows for an unlimited number of iLink & iScent Radius unit connections and is only limited by the bandwidth you have available.

The SQL database engine and memory management technology make creating groups, moving through records and adding or deleting information fluid with virtually no lag between mouse clicks.

SOFTWARE FEATURES

- Contact manager type interface
- iLink, TELink & iScent Radius hardware support
- Microsoft Windows & Mac compatible*
- Microsoft SQL database engine
- Client/server topography capable
- User-friendly tabs, toolbars, visual aids, sliders, progress bars and buttons
- Simple to use drag-and-drop library, playlist and schedule creation GUI
- Responsive record-to-record access
- Simultaneous unit updates via NTL Studio Distribution application
- Instant or scheduled unit changes
- Update units via push or pull
- Expanded searching capabilities
- Detailed unit activity & connectivity logs
- Port 80 and proxy server support
- Customizable reporting capability
- OEM customizing available
- FREE software updates**
- USA based support
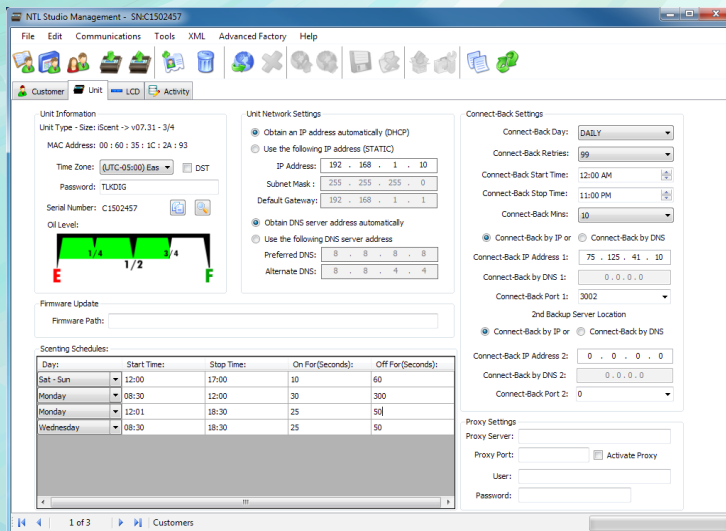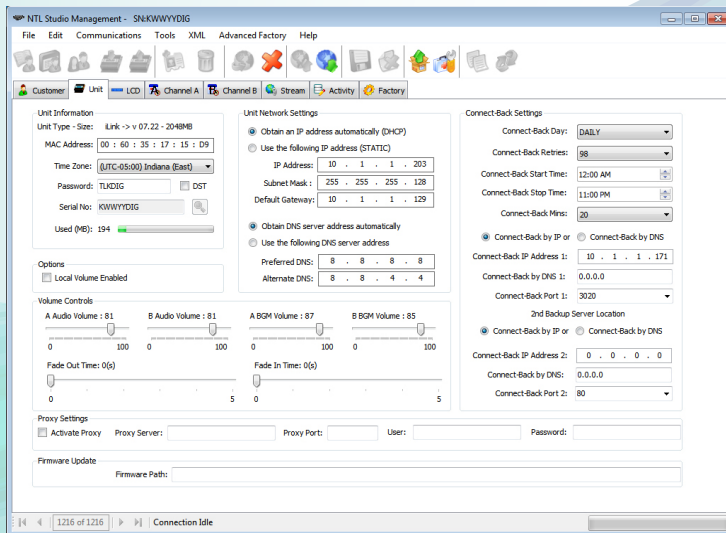
* Currently supporting Windows Vista, Windows 7 & Windows 8, Mac running OSX and VMware Fusion 5+
** Updates and support are for active Nel-Tech Labs dealers - Software is not available to the end-user

Messager USB

USB Flash Drive Messaging System

The Messager USB is a state-of-the-art digital audio playback device designed to provide a continuous play audio source for message-on-hold, background music or any other audio application where high-quality audio playback is required.

Messages are stored in MP3 or WAV format on any standard USB flash drive with no special software or drivers needed. The Messager USB is capable of high-quality audio file playback of up to 128Kbps MP3 files and 16-bit PCM 16 WAV.

Audio content is easily managed by plugging the USB flash drive into a PC or MAC computer's USB port and "dragging and dropping" MP3 or WAV file to and from the drive. Customers can receive new and updated message-on-hold or background music programs via e-mail or ftp and update the units themselves saving the added expense of additional USB flash drives and the related mailing and tracking costs.

Along with optional message triggering, the Messager USB is also available with the next generation encryption software called Sonocrypt Level 3. This version of Sonocrypt encrypts the file itself making the MP3 or WAV file unplayable anywhere except on the Messager USB. This makes the distribution of your audio content safe and secure while eliminating unauthorized playback.

► Plays MP3 & WAV files from USB drive
► No drivers or special software needed
► Playback quality up to 128Kbps MP3
► Playback quality of 16-bit PCM 16 WAV
► Continuous playback
► Message triggering option
► Built-in monitor speaker
► Sonocrypt™ encryption (optional)
► LED status indicator
► 5-year parts and labor warranty
► Designed and manufactured in the USA

Specifications:

Playback ....MP3 or WAV
Freq. Response... 20Hz to 20KHz
Bit/Sample Rate ..Up to 128Kbps/48KHz MP3
                  Up to 16-bit PCM 16 WAV
Loading Type......USB flash drive
Memory Type ......Flash
Memory Capacity ..USB drive dependent
Message Capacity .Up to 1024
Message Playback .Continuous or shuffle
Power............12VDC @ 500mA
Audio Output .....8Ω or 600Ω RCA
Size (H x W x D) .6.00" x 6.00" x 1.50"
Color ....Black
Shipping Weight ..3 pounds

Messager USBi

USB Flash Drive Messaging System

The Messager USBi is a state-of-the-art digital audio playback device designed to provide a continuous-play audio source for message-on-hold, background music, or any other audio application where high-quality audio playback is required.

Messages are loaded from a standard USB flash drive to the unit's internal memory. To load new audio simply plug in a USB drive containing the new MP3 or WAV file and the Messager USBi automatically loads the new program to memory, with no reset needed.

Audio content is easily managed by plugging the USB flash drive into a PC or MAC computer's USB port and "dragging and dropping" MP3 or WAV file to and from the drive. Customers can receive new and updated message-on-hold or background music programs via e-mail or ftp and update the units themselves, saving the added expense of additional USB flash drives and the related mailing and tracking costs.

The Messager USBi is also available with Sonocrypt Level 3, which encrypts the file itself making the MP3 or WAV file only playable on the Messager USBi. This makes the distribution of music and messaging secure, ensuring against unauthorized playback.

▶ Loads MP3 files from USB drive
▶ No drivers or special software needed
▶ Playback quality up to 128Kbps
▶ Playback quality of 16-bit PCM 16 WAV
▶ Continuous playback
▶ Message trigger option
▶ Built-in monitor speaker
▶ Sonocrypt™ encryption (optional)
▶ LED status indicator
▶ 5-year parts and labor warranty
▶ Designed and manufactured in the USA

Specifications:

Playback ....MP3 or WAV
Freq. Response ...20Hz to 20KHz
Bit/Sample Rate ..Up to 128Kbps/48KHz MP3
                  Up to 16-bit PCM 16 WAV
Loading Type......USB to on-board flash
Memory Type ......Flash
Memory Capacity ..USB drive/unit dependent
Message Capacity .Up to 1024
Message Playback .Continuous or shuffle
Power............12VDC @ 500mA
Audio Output .....8Ω or 600Ω RCA
Size (H x W x D) .6.00" x 6.00" x 1.50"
Color ....Black
Shipping Weight ..3 pounds

Messager USB Night

USB Flash Drive Messaging System with Night Answer

The **Messager USB Night Answer** is a state-of-the-art digital audio playback device designed to provide a continuous-play audio source for telephone message-on-hold (MOH) plus a Night Answer feature.

Messages are stored in MP3 format on any standard USB flash drive with no special software or drivers needed. The Messager USB Night Answer is capable of high-quality audio file playback of up to 128Kbps.

The Night Answer feature allows an informative message to be played to your callers after a user programmable preset number of rings. Night answer mode is activated either manually with a switch on the rear of the unit or automatically using the optional 24-hour/7-day digital timer and 1/8" mini-plug connector cable.

Audio content is easily managed by plugging the USB flash drive into a PC or MAC computer's USB port and "dragging and dropping" MP3 files to and from the drive. Customers can receive new and updated message-on-hold or background music programs via e-mail or ftp and update the units themselves saving the added expense of additional USB flash drives and the related mailing and tracking costs.

- ▶ Plays MP3 files from USB drive
- ▶ No drivers or special software needed
- ▶ Playback quality up to 128Kbps
- ▶ Playback up to 1024 audio files
- ▶ Continuous MOH playback
- ▶ Call triggered NIGHT message playback
- ▶ Built-in monitor speaker
- ▶ LED status indicator
- ▶ Exceptional dealer support
- ▶ 5-year parts and labor warranty
- ▶ Designed and manufactured in the USA

Specifications:

```
Playback .........MP3
Freq. Response ...20Hz to 20KHz
Bit/Sample Rate ..Up to 128Kbps/48KHz
Loading Type......USB flash drive
Memory Type ......Flash
Memory Capacity ..USB drive dependent
Message Capacity .1023 MOH, 1 NIGHT
Message Playback .Continuous/Triggered
Power.............12VDC @ 500mA
Audio Output .....8Ω or 600Ω RCA/Telco
Size (H x W x D) .6.00" x 6.00" x 1.50"
Color ...........Black
Shipping Weight ..3 pounds
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Multi-Messager USB

Multi-Message USB Flash Drive Messaging System

The Multi-Messager USB is a state-of-the-art digital message repeater that installs easily into any messaging application that requires triggered or timed message play.

Messages are stored in MP3 format on any standard USB flash drive with no special software or drivers needed. The Multi-Messager USB is capable of high-quality audio file playback of up to 128Kbps.

Messages are triggered either by the eight contact inputs on the rear of the unit or utilizing the built-in interval timer circuit. A wide variety of features such as an active output can be connected to LEDs or relays for activation when a message is playing or a stop trigger to terminate message play.

A built-in 12VDC auxiliary output allows motion detectors or heat sensors to be powered from the unit. All incoming triggers can be configured for normally-open or normally-closed triggering, as well as play once or play continuous. A rotate feature can be activated on the unit allowing for a different message to be played each time the main trigger is activated.

▶ Plays MP3 files from USB drive
▶ No drivers or special software needed
▶ Playback quality up to 128Kbps
▶ Playback up to 99 audio files
▶ Continuous, interval and triggered play
▶ Stop message play trigger
▶ 12VDC output for wiring sensors
▶ Built-in monitor speaker
▶ Exceptional dealer support
▶ LED status indicator
▶ 5-year parts and labor warranty

Specifications:

Playback MP3
Freq. Response ...20Hz to 20KHz
Bit/Sample Rate ..Up to 128Kbps/48KHz
Loading Type......USB flash drive
Memory Type ......Flash
Memory Capacity ..USB drive dependent
Message Capacity .Up to 99 messages
Message Playback .Fully configurable
Power............12VDC @ 500mA
Audio Output .....8Ω or 600Ω terminal strip
Size (H x W x D) .6.00" x 6.00" x 1.50"
Color ....Black
Shipping Weight ..3 pounds

iLink LR

Internet Loadable Messaging System with Local Record

TO STOP RECORD PRESS SELECT

Includes FREE
Microphone
for Local Record!

The iLink LR is a two-channel Internet and local recordable messaging system utilizing state-of-the-art MP3 compression to achieve truly stunning near-CD quality audio playback. Units come with 2GB of flash memory to handle almost any audio application. The new 2-line white alphanumeric on blue backlit LCD screen and membrane touch keys control many of the units settings including volume, local record and connectivity configuration options. Also included is an internal monitor speaker for checking playback status and to review locally recorded messages.

All unit management and audio file downloads are performed either by an authorized supporting dealer over the Internet or using the local record option. The local record option allows the user to record up to 16 separate messages, set the playback interval and select the background music source using the LCD and keypad interface.

The iLink LR provides a solid platform for all applications ranging from simple message-on-hold with seamless message playback to complex scheduled tasks requiring background music, instore and locally recorded messages. The dual independent outputs also make the iLink LR a "one-box-solution" in multi-zone installations with mixed application requirements.

▶ Local Record (LR) capability
▶ Complete unit management via Internet
▶ Dealer customizable backlit LCD screen
▶ Full menu-driven local control
▶ Playback quality up to 128Kbps
▶ Fully configurable playback options
▶ BGM input with fader and mixer
▶ Dual independent output channels
▶ Internal monitor speaker
▶ 5-year parts and labor warranty
▶ Designed and manufactured in the USA

Specifications:

```
Playback .........MP3
Freq. Response ...20Hz to 20KHz
Bit/Sample Rate ..Up to 128Kbps/48KHz
Loading Type......Internet or Local Record
Memory Type ......Flash
Memory Capacity ..2GB or 8GB
Message Capacity..Up to 1000
Local Capacity ...16 slots @ 45s each
Message Playback .Fully configurable
Power.............12VDC @ 500mA
Audio Output .....Dual - 8Ω or 600Ω RCA
Size (H x W x D) .6.00" x 6.00" x 1.50"
Color ...........Black
Shipping Weight ..3 pounds
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Messager MP3

Digital Messaging System

The **Messager MP3** is a state-of-the-art digital audio playback device designed to provide a continuous audio source for message-on-hold, background music or any other audio application where high-quality audio playback is required.

Messages are stored in MP3 format on non-volatile removable flash media cards called Message Mates. The Messager MP3 is capable of high-quality audio file playback of up to 128Kbps.

Message Mates can be programmed using the Messager and a standard PC running Windows XP® or above. Simply plug a USB cable from the Messager into an available USB port on your computer and the Message Mate plugged into the Messager will show up as a removable drive. Once connected, files can be added or removed by a simple drag-and-drop. No special software is required - just plug and go!

Customers can receive new and updated message-on-hold or background music programs via e-mail or ftp and update the units themselves saving the added expense of additional Message Mate drives and the related mailing and tracking costs.

▶ Plays MP3 files from custom cartridge
▶ No drivers or special software needed
▶ Playback quality up to 128Kbps
▶ Playback up to 250 audio files
▶ Continuous playback
▶ Change audio via PC/USB or cartridge
▶ Small space saving footprint
▶ LED status indicator
▶ Exceptional dealer support
▶ 5-year parts and labor warranty
▶ Designed and manufactured in the USA

Specifications:

Playback MP3
Freq. Response ...20Hz to 20KHz
Bit/Sample Rate ..Up to 128Kbps/48KHz
Loading Type......Flash cartridge or PC/USB
Memory Type ......Flash
Memory Capacity ..16MB
Message Capacity .Up to 250
Message Playback .Continuous
Power.............12VDC @ 500mA
Audio Output .....8Ω or 600Ω RCA
Size (H x W x D) .1.25" x 4.75" x 4.40"
Color ....Translucent blue
Shipping Weight ..2 pounds

TELink 700

Telephone Loadable Messaging System

The TELink 700an is a professional-quality telephone-loadable digital audio playback device designed to provide a continuous-play audio source for message-on-hold applications.

The TELink comes standard with 32 minutes of non-volatile high-density flash memory and offers a wealth of standard features including fax-line sharing, voice-line sharing and distinctive ring compatibility. Also standard is a night answer mode to answer the phone after business hours and play a separate night message for callers. This updated model adds a high quality internal monitor speaker and is packaged in an industrial aluminum case that is smaller and easier to wall mount.

All remote unit management and audio downloads are accomplished by authorized supporting dealers using the NTL Studio software suite.

The TELink provides a solid platform that allows easy deployment from the smallest single location install to large multi-store rollouts. Loads to units can be initiated on demand, scheduled for a specific date and time, or remote units can be scheduled to call the controller at a future date and time and automatically load new audio.

► 32 minutes of flash memory
► Sample rates up to 92Kbps
► Fax-Share capability
► Internal monitor speaker
► Industrial aluminum case, easy to mount
► Separate 8Ω and 600Ω RCA outputs
► LED status indicator
► Night Answer feature
► Exceptional dealer support
► 5-year parts and labor warranty
► Designed and manufactured in the USA

Specifications:

```
Playback .........uLaw
Freq. Response ...300Hz to 3.5KHz
Bit/Sample Rate ..Up to 92Kbps
Loading Type......Telephone line
Memory Type ......Flash
Memory Capacity ..Up to 32 minutes
Message Capacity .1 day, 1 night
Message Playback .Continuous
Power.............12VDC @ 500mA
Audio Output .....8Ω or 600Ω RCA
Size (H x W x D) .6.00" x 6.00" x 1.50"
Color ...........Black
Shipping Weight ..3 pounds
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Notes

Designed, Developed and Manufactured in the USA

PRODUCT GUIDE

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