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Philips  
Digital Voice Tracer

*Voice Tracer*



LFH 860



## Note taking at its best

Functionality and fun - packed in a lightweight design. The Digital Voice Tracer 860 demonstrates what form and function are all about. Combine advanced recording features with entertainment attributes, and an ergonomic premium design and you have the Digital Voice Tracer 860. Featuring a two-gigabyte memory, stereo MP3 recording and intuitive operation it has everything you need to enhance your work and lifestyle. Your voice, your music - on the go.

### Fast and simple

- Extra large backlit LCD screen for an at-a-glance overview
- Instant one-touch recording - from power off to record mode
- Easy organization of recordings with four folders (99 recordings each)

### Advanced

- Recording in convenient MP3 format or one of four high-quality recording modes
- File archiving through a USB 2.0 high speed connection
- Voice-activated recording for hands-free note taking
- File split and index mark features

### Designed around you

- The hold function prevents unintentional on/off mode switching
- Extra large front speaker for crystal-clear voice playback
- MP3/WMA playback
- Stereo lapel microphone and earphones included

**PHILIPS**  
sense and simplicity

## Specifications

### Connectivity

- **USB:** High-speed 2.0 mini-USB
- **Microphone:** 3.5 mm, impedance 2.2 k $\Omega$
- **Headphone:** 3.5 mm, impedance 16  $\Omega$  or more

### Display

- **Type:** LCD, segment
- **Diagonal screen size:** 39 mm / 1.5 in.

### Recording format

- .mp3 (Mpeg 1/Audio Layer 3)

### Recording media

- Built-in flash memory
- 2 GB internal memory
- Four dictation folders store up to 99 recordings each

### Microphone

- **Built-in:** stereo
- **External:** stereo

### Recording time

- **SHQ mode (.mp3 / stereo):** 35.5 hours
- **HQ mode (.mp3 / stereo):** 71 hours
- **SP mode (.mp3 / mono):** 94.5 hours
- **LP mode (.mp3 / mono):** 142 hours
- **SLP mode (.mp3 / mono):** 284 hours

### Compression rate / sampling frequency

- **SHQ mode:** 128 kbps / 44.1 kHz
- **HQ mode:** 64 kbps / 22 kHz
- **SP mode:** 48 kbps / 16 kHz
- **LP mode:** 32 kbps / 16 kHz
- **SLP mode:** 16 kbps / 16 kHz

### Speaker

- Built-in 30 mm round dynamic speaker
- **Output power:** 110 mW

### Music playback

- **Compression format:** .mp3, .wma
- **MP3 bit rates:** 8 - 320 kbps
- **WMA bit rates:** 32 - 192 kbps
- No DRM support

### Power

- **Battery type:** two Philips AAA alkaline batteries (LR03 or R03)
- **Battery life (recording):**  
SHQ mode: 30 hours  
SLP mode: 50 hours

### Dimensions

- **Product dimensions (WxDxH):**  
40 x 18.4 x 108 mm / 1.6 x 0.7 x 4.3 in.
- **Weight:** 78 g / 2.8 oz. including batteries

### System requirements

- Windows Vista/XP/2000, Mac OS X, Linux
- Free USB port

### Operating conditions

- **Temperature:** 5° - 45° C / 41° - 113° F
- **Humidity:** 10% - 90%

### Green specifications

- Compliant to 2002/95/EC (RoHS)
- Lead-free soldered product

### Package contents

- Digital Voice Tracer 860
- USB cable
- Neck strap
- Stereo earphones
- Stereo lapel microphone
- Two AAA batteries
- User manual

### Accessories

- Plug In Microphone 9171
- Tie Clip Microphone 9173
- Stereo Headphone 2236
- Microphone Earphone Combination 331

## Product highlights

### USB 2.0 mass storage device

A useful 2 GB memory gives you the capacity to store and share files via the USB port, making it ideal for personal, portable use.

### Slow and fast voice playback

Recordings can be played back at a slower speed to make it easier to take written notes.

### Index mark feature

The handy index function lets you mark a particular point in a recording or playback for easy retrieval.

### Lightweight and portable design

Small and lightweight, you'll hardly notice it's with you. Pop it in your pocket or bag and take it anywhere. The durable casing and attractive, ergonomic design will make you want to carry it everywhere you go.

### Voice-activated recording

When enabled, recording will start automatically when you start speaking. Recordings stop automatically after you stop speaking and restart automatically when you start speaking again. No words are lost

### Adjustable microphone sensitivity

The signal-to-noise (S/N) ratio of the high-sensitivity microphone is far better than those of standard microphones. Recording sensitivity is increased (picks up more voice signal) without compromising sound quality.

### Free stereo lapel microphone and stereo earphones

A lightweight stereo headset designed for comfort during extended use and an omni-directional stereo lapel microphone accompany your Voice Tracer. The microphone's high pick-up sensitivity provides excellent recording quality while the stereo headset delivers powerful sound.

### Alarm clock function

The Digital Voice Tracer can schedule a voice alarm to remind you of important meetings, events or telephone calls.

### Extra large backlit LCD

The large graphical display lets you view all important file information at a glance, thanks to the backlit display, even in poor lighting conditions.

### USB powered recording

To record long conferences, the Digital Voice Tracer can be powered through a USB port. Connect the USB cable from a computer to the Digital Voice Tracer, and then press and hold the record button on the Voice Tracer until REC is shown on the display. You can now record your conference or meeting without draining the battery.



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