



Philips Voice Tracer
digital recorder with
ClearVoice

Low noise microphone

VOICE TRACER

LFH0645



Remember what we said

With ClearVoice for crystal-clear playback

The Voice Tracer digital recorder captures every conversation for you, even if you are distracted. Record up to 1100 hours, then transfer the files to your PC via USB and your recordings are ready to use.

Superior audio quality

- Low-noise microphone for utmost speech clarity
- Record in the popular MP3 format with five recording modes
- ClearVoice for clear and vivid voice playback

Easy and intuitive experience

- Rapidly transfer recordings and data via USB 2.0
- Index function for simply finding relevant passages
- Large, easy-to-read backlit display
- Voice volume indicator for clear volume feedback
- Plug and play in Windows, Mac OS and Linux

Designed around you

- Lightweight and ergonomic design
- Front speaker for crystal-clear voice playback
- Comfortable hands-free headset included

PHILIPS

Highlights

Low-noise microphone



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.

Voice volume indicator



Voice volume indicator for clear volume feedback. The innovative voice volume indicator directly shows you the sound input volume on the display.

Hands-free headset included



The hands-free headset is ideal for using on the move with its tie clip that keeps the microphone always in the perfect position.

ClearVoice



Recording with good audio quality at lectures or presentations can be a challenge. Especially if you do not sit in the front row, the voice of the speaker may be too quiet to record in acceptable quality. The ClearVoice feature adjusts quiet passages dynamically, thus improving the intelligibility of quieter voices.

Five recording modes

Choose among several recording modes, including SHQ, HQ, SP, LP and SLP for extended recording times.

Plug and play



Your VoiceTracer just works - Plug and Play in Windows, Mac OS and Linux.

Large backlit display



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

Ergonomic and lightweight

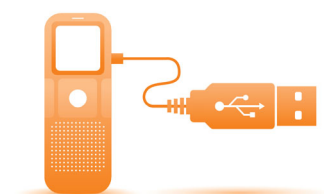
Small and lightweight, you'll hardly notice it's with you. Pop it in your pocket or bag and take it anywhere. The durable casing and attractive, ergonomic design will make you want to carry it everywhere you go.

Crystal-clear voice playback



The more powerful front speaker offers a potent, rich and crystal clear sound experience.

Rapidly transfer recordings



Thanks to the fast data transfer of a hi-speed 2.0 USB connection, transferring recordings to your PC is up to 40 times faster compared with the original USB standard.

Index function



The index function helps and eases finding relevant passages in an instant.

Specifications

Connectivity

- Headphones: 3.5 mm
- Microphone: 3.5 mm
- USB: High-speed USB 2.0

Display

- Type: LCD
- Diagonal screen size: 34.5 mm/1.4 in.
- Backlight: white

Storage media

- Built-in memory capacity: 4 GB
- Built-in memory type: NAND Flash
- Mass storage class compliant

Audio recording

- Recording formats: MPEG1 layer 3 (MP3)
- Built-in microphone: high-sensitivity, low-noise microphone, mono
- Recording modes: SHQ (MP3/mono), HQ (MP3/mono), SP (MP3/mono), LP (MP3/mono), SLP (MP3/mono)
- Bit rate: 8, 32, 48, 64, 192 kbps
- Sample rate: 44.1 kHz (SHQ), 22 kHz (HQ), 16 kHz (SP/LP/SLP)
- Recording time: 44 days (SLP), 11 days (LP), 8 days (SP), 5.5 days (HQ), 2 days (SHQ)

Sound

- Speaker type: built-in round dynamic speaker
- Speaker diameter: 23 mm
- Speaker output power: 110 mW
- Sound enhancement: ClearVoice
- Frequency response: 250-2000 Hz (SLP), 60-3500 Hz (LP), 60-5500 Hz (SP), 60-7000 Hz (HQ), 60-16000 Hz (SHQ)
- Signal-to-noise ratio: > 60 dB

Convenience

- Voice volume indicator

- Instant one-touch recording
- Voice-activated recording
- Keypad lock
- Firmware upgradeable
- Variable playback speed
- Optimized for conversations

Power

- Battery type: AAA/LR03 Alkaline, Philips AAA Ni-MH LFH9154
- Number of batteries: 1
- Battery lifetime: up to 22 hours in SLP recording mode
- Battery included
- Rechargeable: yes, via USB with optional LFH9154 battery

System requirements

- Operating system: Linux, Mac OS X, Windows 7/Vista/XP/2000
- Free USB port

Accessories

- Hands-free headset
- USB cable
- 1 × AAA battery
- Quick start guide

Design and finishing

- Color(s): piano black/platinum chrome

Product dimensions

- Product dimensions (W x H x D): 1.5 x 4.1 x 0.6 inch
- Weight: 0.097 lb
- Product dimensions (W x H x D): 3.8 x 10.5 x 1.64 cm
- Weight: 0.044 kg



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