

PHONIC

DIGITRACK

DIGITAL RECORDING INTERFACE



DIGITRACK

English

User's Manual

IMPORTANT SAFETY INSTRUCTIONS

The apparatus shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the apparatus. The MAINS plug is used as the disconnect device, the disconnect device shall remain readily operable.

Warning: the user shall not place this apparatus in the confined area during the operation so that the mains switch can be easily accessible.

1. Read these instructions before operating this apparatus.
2. Keep these instructions for future reference.
3. Heed all warnings to ensure safe operation.
4. Follow all instructions provided in this document.
5. Do not use this apparatus near water or in locations where condensation may occur.
6. Clean only with dry cloth. Do not use aerosol or liquid cleaners. Unplug this apparatus before cleaning.
7. Do not block any of the ventilation openings. Install in accordance with the manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong is provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched particularly at plug, convenience receptacles, and the point where they exit from the apparatus.
11. Only use attachments/accessories specified by the manufacturer.
12. Use only with a cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
13. Unplug this apparatus during lightning storms or when unused for long periods of time.
14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

	CAUTION RISK OF ELECTRIC SHOCK DO NOT OPEN	
CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK) NO USER SERVICEABLE PARTS INSIDE REFER SERVICING TO QUALIFIED PERSONNEL		



The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

WARNING: To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.

CAUTION: Use of controls or adjustments or performance of procedures other than those specified may result in hazardous radiation exposure.



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USER'S MANUAL

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SAFETY INSTRUCTIONS

1. Read all instructions carefully before using Digitrack.
2. Keep this user's manual for future reference.
3. Please follow all instructions.
4. You should use properly functioning cables in good repair to connect all devices to Digitrack.
5. Do not try to service this product yourself. If servicing is required, contact your local service center.

INTRODUCTION

Thank you for purchasing Digitrack, a USB interface that allows you to easily record digital audio on the computer and play back recordings with superior sound quality. Digitrack accepts digital and analog audio signals and connects to the computer through the USB port. Plug the USB cable into the computer and you instantly get high-quality 16-bit digital stereo audio with sampling rates up to 48 KHz. Digitrack protects the audio from sound degradation that can result from computer grounding noise, and S/PDIF input and output let you avoid digital-to-analog-to-digital conversion, which also can degrade signal quality.

Use Digitrack to transfer analog or digital audio to the computer from a mixer, CD player or tape deck to create high quality digital recordings. Digitrack also provides a convenient way to play back audio from the computer through home stereo and professional sound systems. A headphone output lets you monitor the signal and also provides a better audio experience when listening to computer audio. Best of all, Phonic's Digitrack is extremely portable. It gets power from the computer through the USB cable so you don't have to carry around a bulky power adapter.

BOX CONTENTS

Digitrack USB Audio Interface

One standard USB cable

User's Manual

FEATURES

- USB computer interface (compatible with most PC and Mac computers)
- 16-bit digital audio
- Supports 44.1 and 48 KHz sampling rates
- Two unbalanced line-level RCA inputs
- Two unbalanced line-level RCA outputs
- One S/PDIF digital input
- One S/PDIF digital output
- 1/8" (3.5 mm) mini stereo headphone jack with volume control
- USB bus powering
- Signal indicators
- No drivers required to operate
- Compact and lightweight

SYSTEM REQUIREMENTS

Windows

Microsoft® Windows® 98/Me/2000 Professional/XP

Available USB port

[ME/98] Intel Pentium®, Celeron® or Intel compatible processor (233 MHz or higher)

[XP/2000] Intel Pentium®, Celeron® or Intel compatible processor (400 MHz or higher)

[ME/98] 64 MB or more of RAM

[XP/2000] 128 MB or more of RAM

120 MB or more of free hard drive space

Macintosh

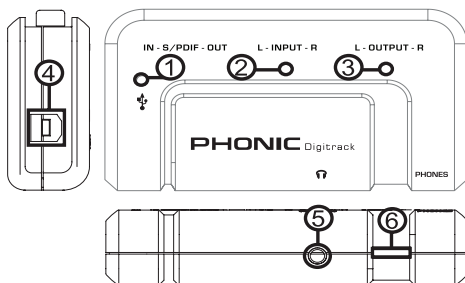
OS 9.0.4 or later with native USB support

OS X 10.x or later with native USB support

PowerPC G3 (300 MHz or higher)

128 MB or more of RAM

120 MB or more of free hard drive space



PANEL DESCRIPTION

1) USB Power Indicator

The LED will illuminate to indicate that Digitrack is receiving power from the USB bus and ready to send and receive signals. The computer must be turned on and Digitrack must be connected to a properly functioning USB port on the computer.

2) Stereo RCA Input Signal Indicator

The LED signal indicator will flash when a source signal is present.

3) Stereo RCA Output Signal Indicator

The LED signal indicator will flash when data is sent from the computer to the stereo RCA outputs.

4) USB Port

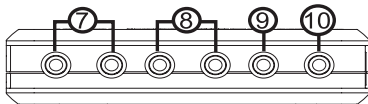
Plug in the proper end of the supplied USB cable here. Connect the other end to one of the computer's available USB ports.

5) 1/8" (3.5 mm) Mini Stereo Headphone Jack

This is a standard mini stereo headphone jack. It allows you to monitor the output signals.

6) Headphone Gain Control

The gain control allows you to adjust the volume level of the headphone output.



7) Stereo RCA Outputs

The digital output of your computer is converted to analog and is sent to these stereo RCA output jacks. Using these jacks, connect Digitrack to the record input on a mixer, tape deck or CD player, or connect them to the AUX inputs on your home stereo system for great sounding playback.

8) Stereo RCA Inputs

Stereo RCA input jacks. Connect the 2T (Tape) analog output from a mixer, CD player or tape deck here for input to the computer.

9) S/PDIF Output

This sends a digital output in Sony/Philips Digital Interface (S/PDIF) format.

10) S/PDIF Input

This accepts a digital input in Sony/Philips Digital Interface (S/PDIF) format.

INSTALLATION



USB Port on computer



Series A



Series B

- 1) Connect the Series A end of the USB cable to the USB port on the computer.
- 2) Connect the Series B end of the USB cable to the USB port on Digitrack.
- 3) The LED illuminates to indicate that Digitrack is receiving power from the computer.

SETUP

There is no need to install external drivers for Digitrack. It works with the core audio driver in Microsoft® Windows® and Apple® Macintosh® computers. However, please note under "System Requirements" that Digitrack does not work with all operating systems.

Windows XP, 2000, ME, 98 (Second Edition)

Once Digitrack is installed, Windows should recognize it as a USB device and automatically install it. Windows 98, 98 Second Edition and ME may prompt you to insert the Windows installation CD, after which the drivers should install properly. You can confirm correct installation by selecting the 'Audio' tab of the 'Sounds and Audio Devices' (or Multimedia) section of the Windows Control Panel. Make sure that the 'USB Audio CODEC' is selected as the default device under 'Sound playback' and 'Sound recording'. When installed correctly, Digitrack will function as the soundcard for your computer.

Mac OS X

Once Digitrack is installed, Mac OS X should recognize it as a USB device and automatically install it. To confirm that it has installed correctly open your computer's System Preferences. In the 'Sound for Input and Output' the 'USB Audio Driver' should be selected. When installed correctly, Digitrack will function as the soundcard for your computer.

ASIO Drivers

In some cases, the Windows driver may have problems with latency. If you experience latency issues you may want to try the following ASIO drivers.

<http://www.asio4all.com/>

<http://www.usb-audio.com/>

Note: These entities are not affiliated with Phonic, however they offer ASIO drivers that will work with Digitrack. Phonic does not offer technical support for ASIO drivers and will not be held responsible for any damage sustained to property from installing or using these drivers. This information is merely for our customers' reference.

RECORDING SOFTWARE

Audacity

We recommend this free, open source recording software program for use with Digitrack. You may obtain Audacity recording software from:

<http://audacity.sourceforge.net/>

First, install Digitrack and confirm that the computer's settings are correct. Next, open Audacity, click 'File' and select 'Preferences'. Select the 'Audio I/O' tab and under 'Playback' and 'Recording' select the USB device from the 'Device' drop-down list. Click 'OK'.

Note: SourceForge®.net is a trademark of the Open Source Technology Group (OSTG, Inc.). 'Audacity' is a trademark of Dominic Mazzoni. These entities are not affiliated with Phonic, however they offer recording software that will work with Digitrack. Phonic does not offer technical support for Audacity recording software and will not be held responsible for any damage sustained to property from installing or using Audacity software. This information is merely for our customers' reference.

APPLICATIONS

1) Recording audio on the computer from an analog source (mixer, tape deck)

First, use the provided USB cable to connect Digitrack to a computer with an available USB port. Then, locate the stereo RCA outputs of your mixer or tape deck. Use a stereo RCA cable to connect the outputs of the device to the stereo RCA inputs on Digitrack. Open the audio recording software on the computer. Increase the source output until it reaches the desired level.

2) Recording audio on the computer from a digital source (DAT deck, DVD player)

First, use the provided USB cable to connect Digitrack to a computer with an available USB port. Then, locate the S/PDIF output on your DAT deck, DVD player or other S/PDIF-enabled device. Use an RCA cable to connect the output of the device to the S/PDIF input on Digitrack. Open the audio recording software on the computer. Increase the source output until it reaches the desired level.

Note: Using well shielded cables improves signal integrity and provides better protection against unwanted noise.

3) Computer audio playback into analog equipment (mixer, tape deck)

First, use the provided USB cable to connect Digitrack to a computer with an available USB port. Use a stereo RCA cable to connect the stereo RCA outputs on Digitrack to the stereo RCA inputs on the analog equipment. You can monitor the signal using the headphone jack and volume control on Digitrack.

4) Computer audio playback into a digital source (DAT deck)

First, use the provided USB cable to connect Digitrack to a computer with an available USB port. Use an RCA cable to connect the S/PDIF output on Digitrack to the S/PDIF input on the DAT deck, DVD player or other S/PDIF-enabled device. You can monitor the signal using the headphone jack and volume control on Digitrack.

5) Using Digitrack to listen to computer audio

First, use the provided USB cable to connect Digitrack to a computer with an available USB port. Plug the 1/8" mini stereo adapter on a pair of headphones or speakers into the 1/8" mini stereo headphone jack on Digitrack. Open the audio playback software on the computer. Adjust the headphone volume control on Digitrack until it reaches the desired level.

SPECIFICATIONS

Sampling Rates

DAC: 32, 44.1 and 48 KHz

ADC: 8, 11.025, 16, 22.05, 32, 44.1 and 48 KHz

TO PURCHASE ADDITIONAL PHONIC GEAR AND ACCESSORIES

To purchase Phonic gear and optional accessories, contact any authorized Phonic distributor. For a list of Phonic distributors please visit our website at www.phonic.com and click on Get Gear. You may also contact Phonic directly and we will assist you in locating a distributor near you.

SERVICE AND REPAIR

For replacement parts, service and repairs please contact the Phonic distributor in your country. Phonic does not release service manuals to consumers, and advice users to not attempt any self repairs, as doing so voids all warranties. You can locate a dealer near you at <http://www.phonic.com/where/>.

WARRANTY INFORMATION

Phonic stands behind every product we make with a no-hassles warranty. Warranty coverage may be extended, depending on your region. Phonic Corporation warrants this product for a minimum of one year from the original date of purchase against defects in material and workmanship under use as instructed by the user's manual. Phonic, at its option, shall repair or replace the defective unit covered by this warranty. Please retain the dated sales receipt as evidence of the date of purchase. You will need it for any warranty service. No returns or repairs will be accepted without a proper RMA number (return merchandise authorization). In order to keep this warranty in effect, the product must have been handled and used as prescribed in the instructions accompanying this warranty. Any tempering of the product or attempts of self repair voids all warranty. This warranty does not cover any damage due to accident, misuse, abuse, or negligence. This warranty is valid only if the product was purchased new from an authorized Phonic dealer/distributor. For complete warranty policy information, please visit <http://www.phonic.com/warranty/>.

CUSTOMER SERVICE AND TECHNICAL SUPPORT

We encourage you to visit our online help at <http://www.phonic.com/support/>. There you can find answers to frequently asked questions, tech tips, driver downloads, returns instruction and other helpful information. We make every effort to answer your questions within one business day.

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