FOSTEX®

AR-4i

Audio interface

"WARNING"

"TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE."

SAFETY INSTRUCTIONS

1) Read these instructions.
2) Keep these instructions.
3) Heed all warnings.
4) Follow all instructions.
5) Do not use this apparatus near water.
6) Clean only with dry cloth.
7) Do not block any 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 are 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 plugs, convenience receptacles, and the point where they exit from the apparatus.
11) Only use attachments/accessories specified by the manufacturer.

12) Use only with the 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.
15) Excessive sound pressure from earphones and headphones can cause hearing loss.

Introduction

Thank you very much for purchasing the Fostex AR-4i audio interface unit for iPhone 4.
The AR-4i is the best solution to improve audio quality of iPhone video recording and streaming.
For details about iOS applications for the AR-4i, see the Fostex website (http://www.fostex.com).

<Note>:Be careful not to drop down the unit or the iPhone 4.
Fostex is not responsible for any damages of the unit or the iPhone 4 caused by dropping down.

Main features

• You can make high quality audio recordings in stereo by using the high-performance supplied microphones or external microphones.
* Note that depending on the iOS application for the AR-4i, recording may be made in mono.
• You can control the audio input level.
• You can monitor the audio recording condition via LED metering as well as headphones.
• Tripod or mono pod ready vertically or horizontally for stable recording.

Supplied accessories

The following are supplied with the AR-4i.
• Microphones x 2
• AAA batteries x 2
• Mono pod x 1
• Pouch x 1
• Owner's manual (this manual) x 1

After purchasing the AR-4i, check that all accessories are included in the package.

Specifications

• Supplied power voltage for a plug in microphone: 2.5 V
• USB power voltage: 5 V
• External dimensions: 70 (W) x 106 (H) x 50 (D) mm
• Weight: 200 g

* Specifications and appearance are subject to change without notice for product improvement.
* "Made for iPhone," means that an electronic accessory has been designed to connect specifically to iPhone, and has been certified by the developer to meet Apple performance standards. Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards. Please note that the use of this accessory with iPhone may affect wireless performance.
* iPhone is a trademark of Apple Inc., registered in the U.S. and other countries.
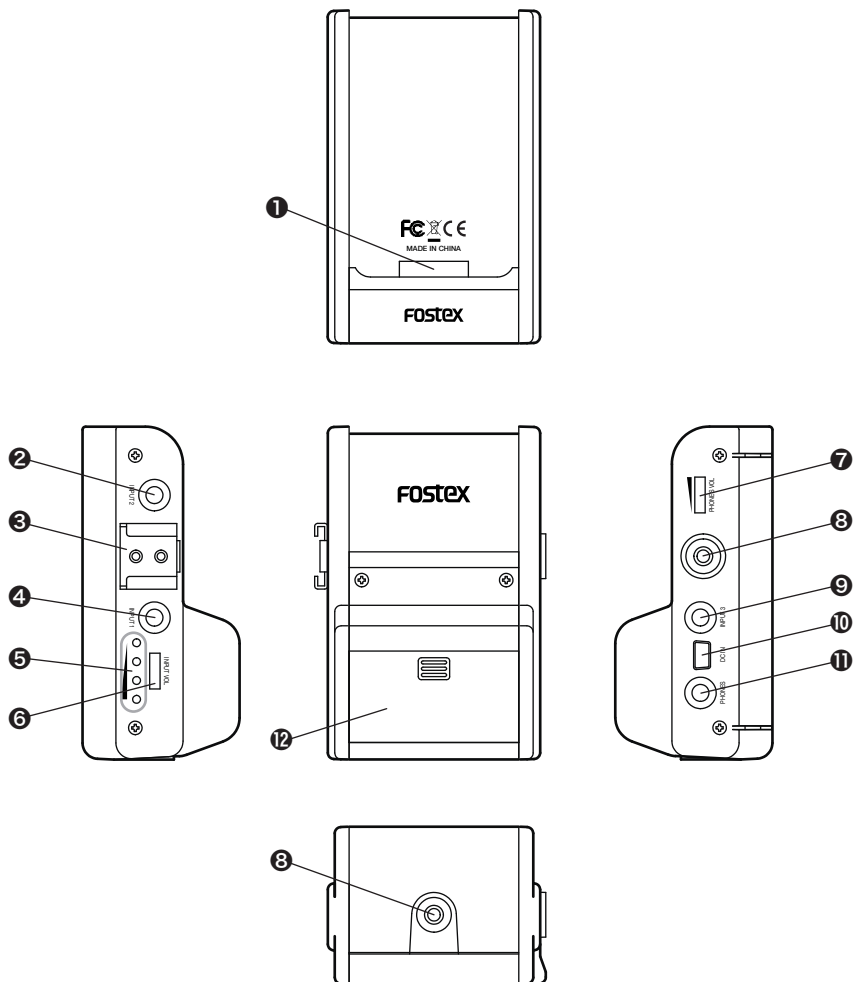
❶ **Dock connector**
Used for setting the iPhone 4.

❷ **[INPUT 2] jack (mini jack)**
Connects the supplied microphone, a general plug-in powered microphone, or a line level source to this jack.
Using an iOS application, you can select stereo or mono recording. By default, this jack is for the left channel source of stereo recording.

❸ **Camera accessory shoe**
Used for mounting a microphone for a camera.

❹ **[INPUT 1] jack (mini jack)**
Connects the supplied microphone, a general plug-in powered microphone, or a line level source to this jack.
Using an iOS application, you can select stereo or mono recording. By default, this jack is for the right channel source of stereo recording.

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❺ LED indicators

Four LED indicators show the audio signal level as well as the unit's system status.
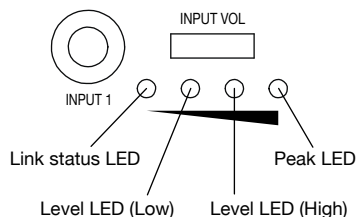
In the normal condition
According to the audio input level currently being received from the [INPUT 1] through [INPUT 3] jacks, the appropriate LEDs are lit.

• When the receiving signal is relatively low: The Level LED (low) is lit.
• When the receiving signal is relatively high: The Level LED (high) is lit.
• When the receiving signal is too high: The Peak LED is lit.

When the battery voltage is too low
The Peak LED flashes.
If a proper power supply is connected to the [DC-IN] jack, the LEDs returns to show the input audio condition as above.

When an error occurs
The Peak LED quickly flashes.

When the unit is recognized by the iPhone 4
The Link status LED is lit.

When the iPhone 4 audio is preferentially being output from the [PHONES] jack.
The Link status LED quickly flashes.

❻ [INPUT VOL] control

Adjusts the audio input levels of the [INPUT 1] through [INPUT 3] jacks.

❼ [PHONES VOL] control

Controls the monitor level of headphones connected to the [PHONES] jack.

❽ Mounting holes for mono pod/tripod

Used for mounting the supplied mono pod or a tripod for a compact camera.
Two mounting holes are available on the bottom and the side panel. Use either hole according to whether the unit is used vertically or horizontally.

❾ [INPUT 3] jack (mini jack)

Connects the supplied microphone, a general plug-in powered microphone, or a line level source to this jack.
Using an iOS application, you can select stereo or mono recording. By default, this jack is for the left channel source of stereo recording.
Note that when both the [INPUT 2] and [INPUT 3] jacks are connected to audio sources, the [INPUT 2] jack takes priority over the [INPUT 3] jack and the audio connected to the [INPUT 3] jack is disabled.

❿ [DC IN] jack(mini USB port)

By connecting a external USB battery or personal computer using a USB cable, the unit receives external power.
The power received by the [DC IN] jack is used for the unit operation as well as iPhone 4 battery charge. (Note that the unit is not charged.)

⓫ [PHONES] jack

By connecting a stereo headphones, you can monitor the input signal, as well as playback audio of the iPhone 4.

⓬ Battery compartment

Press down and slide the cover off, and insert two AAA batteries in the correct direction.
This compartment also acts as a grip that serves for stable holding.

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Declaration of EC Directive

This equipment is compatible with the EMC Directive (2004/108/EC) - Directive on approximation of member nation's ordinance concerning the electromagnetic compatibility and with the Low Voltage Directive (73/23/EEC) - Directive on approximation of member nation's ordinance concerning electric equipment designed to be used within the specified voltage range.

The Affect of Immunity on This Equipment

The affect of the European Specification EN61000-6-1 (coexistence of electromagnetic waves - common immunity specification) on this equipment are as shown below.

In the electrical fast transient/burst requirements, surge, conducted disturbances by radio-frequency fields, power frequency magnetic field, radiate electromagnetic field requirements and static electricity discharging environment, this could be affected by generation of noise in some cases.

FOSTEX DISTRIBUTORS LIST IN EUROPE

* Including non-EU countries (as of July 2011)

<AUSTRIA>
NAME: Mega Audio GmbH
ADD: Stromberger Str. 32, D-55411 Bingen, Germany
TEL: (+49) 6721-94330, FAX: (+49) 6721-32046

<BELGIUM>
NAME: General Audio
ADD: Raymond Pelgrimslaan 101, B-1702 Groot-Bijgaarden, Belgium
TEL: (+32) 2-4630650, FAX: (+32) 2-4661500

<BULGARIA>
NAME: Shark Art
ADD: 15 Hristo Popovich Str., Varna 9000, Bulgaria
TEL: (+359) 52-600172, FAX: (+359) 52-250578

<CZECHO>
NAME: Praha Music Center spol s.r.o.
ADD: Ocelarska 937/39, Praha 9, 190 00, Czecho
TEL: (+420) 226-011-111, FAX: (+420) 226-011-112

<DENMARK>
NAME: Benum Nordic A/S
ADD: Meterbuen 18, Skovlunde, 2740 Denmark
TEL: (+45) 4451-8900, FAX: (+45) 4451-8911

<FINLAND>
NAME: Noretron Oy Audio
ADD: P. O. Box 22, FIN-02631 Espoo, Finland
TEL: (+358) 9-5259330, FAX: (+358) 9-52593352

<FRANCE>
NAME: Sennheiser France
ADD: 128 bis, avenue Jean-Jaures, 94851 Ivry-sur-Seine Cedex, France
TEL: (+33) 1 4987 0300, FAX: (+33) 1 4987 0324

<GERMANY>
NAME: Mega Audio GmbH
ADD: Stromberger Str. 32, D-55411 Bingen, Germany
TEL: (+49) 6721-94330, FAX: (+49) 6721-32046

<GREECE>
NAME: Bon Studio S. A.
ADD: 6 Zaimi Street, Exarchia, 106.83 Athens, Greece
TEL: (+30) 210-3809-605, 606, 607, 608
FAX: (+30) 210-3845-755, 210-3827-868

<HUNGARY>
NAME: ATEC Hungary Kft
ADD: H-110/ Budapest, Fogado u. 3, Hungary
TEL: (+36) 1-4319005, FAX: (+36) 1-4319006

<ICELAND>
NAME: I. D. elrf. electronic Ltd.
ADD: ARMULA 38 108 REYKJAVIK, ICELAND
TEL: (+354) 588 5010, FAX: (+354) 588 5011

<ITALY>
NAME: Proel S. p. A.
ADD: Zona Via Alla Ruenia, 37/43 64027 - Sant'Omero (Teramo), Italy
TEL: (+39) 0861-81241, FAX: (+39) 0861-887862

<THE NETHERLANDS>
NAME: IEMKE ROOS AUDIO B. V.
ADD: Kuiperbergweg 20, 1101 AG Amsterdam, The Netherlands
TEL: (+31) 20-697-2121, FAX: (+31) 20-697-4201

<NORWAY>
NAME: Siv. Ing. Benum AS
ADD: P. O. Box 145, Vinderen, 0319 Oslo, Norway
TEL: (+47) 2213 9900, FAX: (+47) 2214 8259

<POLAND>
NAME: Mega Music Spolka z o.o
ADD: Ul. Lesna 15, 81-876 Sopot, Poland
TEL: (+48) 58-551-18-82, FAX: (+48) 58-551-18-72

<SPAIN>
NAME: Letusa S. A.
ADD: C/Laguna 10, 28923 Alcorcon, Madrid, Spain
TEL: (+34) 91-4862800, 91-4470898, FAX: (+34) 91-6414597

<SWEDEN>
NAME: Benum Nordic A/S
ADD: Aldermansvagen 17, 171 48 Solna, Sweden
TEL: (+46) 8 207710

<SWITZERLAND>
NAME: Audio Bauer Pro AG
ADD: Bernerstrasse-Nord 182, CH-8064 Zurich, Switzerland
TEL: (+41) 1-4323230, FAX: (+41) 1-4326558

<UK>
NAME: SCV London
ADD: 40 Chigwell Lane, Oakwood Hill Industrial Estate, Loughton, Essex IG10 3NY U. K.
TEL: (+44) 20-8418-0778, FAX: (+44) 20-8418-0624

FOSTEX CO.
3-2-35, Musashino, Akishima-shi, Tokyo Japan, 196-0021