

frontrow™
pro



USER GUIDE

940H Student Microphone

940C Microphone Charger





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Introduction

Congratulations on the purchase of your 940H Student Microphone. Using a student microphone is a great way to encourage student participation. Your 940H Student Microphone should only be used with your FrontRow Pro or FrontRow Pro Digital classroom sound system.

Read this manual carefully to become familiar with your 940H Student Microphone to get the most out of your system.



Your 940H Student Microphone and 940C Charger use SmartCharge technology. The microphone will only charge the "silver-sleeve", auto-sensing battery that comes with your microphone. If an incompatible battery is detected, the microphone will not let you charge the battery.

You may use standard alkaline batteries in your 940H Student Microphone if you forget to charge the unit, but do not attempt to charge alkaline batteries. To ensure proper charging, always be sure that only "silver sleeve" auto-sensing batteries are installed.

1 940H Microphone and 940C Charger

Features



1. 2 way indicator light
Green = On and transmitting
Red = Low battery
2. On/off switch
3. Battery compartment
(In handle)
4. Emitter diodes
(Do not block)
5. Charging base
6. 2 way indicator light
Red = Charging
Green = Fully charged
7. Power Supply Input



2 Charger Setup



1. Find the power plug that is appropriate for the power outlet style in your country
2. Slide power plug onto the power supply
3. Plug power supply into power outlet and into the back of the charging base



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3 Install Batteries

1. Twist microphone handle counter-clockwise to remove housing
2. Insert battery into battery compartment. Note polarity indicators
3. Replace housing

If using 2 AA (LR6) alkaline batteries or "silver sleeve", auto sensing batteries

1. Twist microphone handle counter-clockwise to remove housing
2. Insert batteries into the battery holder
3. Insert battery holder into the battery compartment. Note polarity indicators.
4. Replace housing



4 Charge Microphone



1. Turn microphone off
2. Place microphone in charger and charge overnight before initial use and nightly
3. Note indicator light
Red = Charging
Green = Fully charged



Important: In order to prevent damage to your microphone, the SmartCharge feature is intended to prevent charging of any battery other than the "silver sleeve" auto-sensing battery supplied by FrontRow. Do not attempt to charge alkaline batteries. To ensure proper charging, always be sure that only "silver sleeve" auto-sensing batteries are installed.

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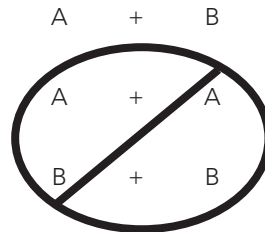
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5 Using Microphone



1. Turn microphone on
2. Note indicator light
Green = On and transmitting
Red = Low battery
3. Hold top of microphone approximately 3in. (7cm) from mouth
4. Do not block emitter diodes
5. Place microphone in charger at the end of the day

NOTE: The 940H is always on Channel B. If you are using two transmitters, the other transmitter must be on Channel A.



6 Troubleshooting

Microphone will not turn on

- Check batteries are installed correctly
- Batteries may be dead. Test with alternate batteries and recharge or replace if necessary
- Verify charger is working

Static/crackling noises

- Verify you are not blocking microphone emitters
- Verify no other transmitter is transmitting on Channel B

Batteries will not hold a charge

- Replace batteries with fresh "silver sleeve", auto-sensing batteries

Product Specifications

940H Student Microphone

Transmitting frequency: 2.8MHz

Transmission type: Infrared

Frequency response: 50Hz to 16kHz

Operating range: 40ft (12m)

User controls: On/Off

Batteries: 1 NiMH rechargeable battery

Size: 9.5 x 2.25 x 2.25 in. (24 x 5.5 x 5.5 cm)

Weight: 11oz (312g)

940C Microphone Charger

Power supply: AC power supply (9.0V/1.0A max.)

Indicator lights: Red = charging

Green = fully charged

Dimensions: 7.5 x 3.5 x 3.25 in (19 x 9 x 8.5 cm)

Weight: 6 oz (170g)

AC Power Supply

Type: Switching power supply

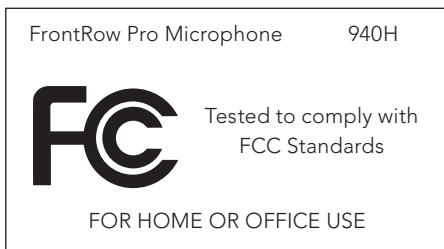
Input: 100-240V ~ 50-60Hz, 400mA

Output: 9.0V/1.0A max.

Weight: 4.0oz (114g)

7 Regulatory

part 15, subpart B



This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

FCC notes

The FrontRow Pro Digital active learning system is approved by the FCC (Federal Communications Commission). The use of the system may be governed by specific FCC rules and FCC licensing or notifications may be required. Consult your local FCC office for detailed information.

Phonic Ear receivers and transmitters, when required, are approved by the Federal Communications Commission (FCC) in the U.S. and Industry Canada. Other government approvals are available upon request. (Other international regulations may also apply.)

Any changes or modifications made to any government-approved element of this instrument, without the express approval of Phonic Ear, Inc. in writing, could void the user's authority to operate those elements of the system.

CE This product conforms with the essential requirements of European Union Directive 89/336/EEC EMC Directive and 2002/95 ROHS Directive

This product has been cleared by the U.S. Food and Drug Administration for use by persons with normal hearing and hearing impairment.



Electrical and electronic equipment (EEE) contains materials, components and substances, that could be dangerous or detrimental to human health and the environment if waste electrical and electronic equipment (WEEE) is not disposed of correctly. Products marked with the crossed-out dustbin shown here are electrical and electronic equipment. The crossed-out dustbin indicates that waste electrical and electronic equipment may not be disposed of with unsorted household waste and that it must be collected separately.

In developing and manufacturing your Phonic Ear product, we used high-quality materials and components that can be reused. Thus, when disposing of your waste electrical and electronic equipment, you must use a collection system designated for this purpose, regardless of whether you dispose of your waste at your local waste site or it is collected from your home. Please contact your local authority for further information.

IC notes

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

The term "IC:" before the radio certification number only signifies that Industry of Canada technical specifications were met.

ELECTRICAL WARNINGS

1. Avoid Abuse to the Charger

To reduce risk of electric shock, unplug the power supply from outlet before attempting any maintenance or cleaning. Turn off controls will not reduce this risk.

DO NOT disassemble the power supply or charger. Return the apparatus to Phonic Ear Front Row for qualified service and repair if service or repair is required. Incorrect reassembly may result in a risk of electric shock or fire.

DO NOT expose the power supply or charger to rain, snow, water, gas, oil, etc.

DO NOT operate the power supply or charger if it has received a sharp blow, been dropped, or otherwise damaged in any way; return the apparatus to Phonic Ear Front Row for qualified service and repair.

DO NOT block or cover the apparatus and impede ventilation.

2. Proper Use of the Power Supply or Charger and Wiring

An extension cord should not be used unless absolutely necessary. Use of improper extension cord could result in a risk of fire and electric shock. The cord **MUST** be plugged into a grounded outlet. Make sure it is properly wired, in good electrical condition, and wire size is large enough for AC ampere rating of the power supply or charger as specified below. AWG = American Wire Gauge.

To reduce risk of damage to plug and cord when disconnecting the power supply or charger, **ALWAYS** pull on plug - **NEVER** on cord.

Locate cord so that it will not be stepped on, tripped over, or otherwise subject to damage or stress. **DO NOT** lay extension cord on charger.

DO NOT operate the power supply or charger with damaged cord or plug - replace them immediately.

ELECTRICAL SAFETY INFORMATION:



PRECAUTIONS & SAFETY RECOMMENDATIONS

Follow Manufacturers' Recommendations

Before using the microphone and charger, read all instructions for, and caution markings on the microphone and charger and in this user guide.



frontrow™

for active learning

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