



Great sound doesn't have to be expensive—it just has to be great. And, when you choose state-of-the-art audio amplification systems from Howard, FrontRow, or Panasonic, it is. The clear, even distribution of sound improves instructional quality, enabling students to hear easily, no matter where they are seated in the classroom. Better communication means better comprehension, and greater academic achievement. Now—that is a sound investment! Please call today or visit us online for more information.



SONGBIRD IR



SONGBIRD IR TRAVELER



SONGBIRD RF



SONGBIRD RF TRAVELER

frontrowTM



Pro Digital



ToGo



Pendant Mic



Symbio

Panasonic



WX-LA20



WX-LR100



WX-LP100



WX-LT150



WX-LT350

HOWARD™

SONGBIRD IR

Make yourself heard with the Songbird IR Audio Solution. Infrared operation eliminates RF interference, making it ideal for most close-range, interactive classroom applications.

Amplifier > 100W
Sensors > 2 mountable IR sensors
Speakers > 8" high fidelity surface mount ceiling speakers that provide great sound reinforcement in areas such as classrooms, auditoriums, or boardrooms.
Mic > Choice of Lavalier, Handheld IR Mic, or both
Inputs > 2 inputs for DVD players, PCs, Mics, and many other audio applications

SONGBIRD IR TRAVELER

The IR Traveler is a completely, self-contained audio system; just right for small to medium-sized indoor venues such as conference rooms, classrooms, churches, and small auditoriums.

Built-in Features > amplifier, speaker, and wireless microphone
Mic System > features state-of-the-art infrared light transmission technology for interference-free wireless operation in all related applications
Mic > choice of transmitter body pack with lavalier, headset, or handheld microphone
Range > high fidelity and dynamic range, ideal for all speaking or recreational audio or singing applications

SONGBIRD RF

Great sound doesn't have to be costly. The Songbird RF model offers a low-cost solution for clear, even distribution of sound—perfect for any stand alone classroom.

Amplifier > 100W
Speakers > 8" high fidelity surface mount ceiling speakers that provide great sound reinforcement in areas such as classrooms, auditoriums, or boardrooms.
Mic > Choice of Lavalier, Handheld RF Mic, or both
Inputs > 2 inputs for DVD players, PCs, Mics, and many other audio applications

SONGBIRD RF TRAVELER

Howard's new Songbird RF Traveler is small, lightweight, and easy to carry, with a powerful 20W audio output for outstanding sound amplification wherever you need it.

Output > 20W
Input > 2 inputs for mics, music sources, or other audio equipment
Receiver > built-in VHF wireless receiver
Adapter > 3-way external AC adapter or internal battery powered with either the optional rechargeable batter or 8"D" cell alkaline batteries
Weight > Light-weight and easily portable

frontrow™

PRO DIGITAL

FrontRow Pro Digital's powerful adaptive intelligence monitors all sound to suppress feedback before it starts, making it simple for teachers to focus on their students and the lesson at hand.

Receiver > infrared transmission with 2.3 MHz & 2.8 MHz receiving frequency, a 19VAC power supply at 3.16A, an operating range of 18.5m/60ft line of sight, and a reception area of 163m²
Speakers > two 10cm/4in woofers with 15Hz to 20kHz frequency response at a peak power of 30W
Sensors > 2.3 MHz & 2.8MHz operating frequency and a reception area of 2500ft²
Pendant Mic* > see additional information

TOGO

Able to go beyond the classroom, TOGO's all-in-one design and built-in battery make it a favorite for outdoor learning, physical education, student assemblies, and any mobile situation.

Receiver/Speaker > an input of 1 x aux-out, 3.5mm mono, with an output of 1 x aux-out, and a maximum power output of 36W RMS @ 4Ω x 2
Body-worn Transmitter > NiMH battery with typically 12 hours of battery life and an output range of 110ft
Handheld Mic > NiMH rechargeable battery with a recharging time of 8 hours
Charging Stand > AC adaptor for body-worn transmitter and handheld mic

PENDANT MIC*

The Pendant Microphone is 30% lighter than others, making it comfortable and easy to wear all day long. With its convenient mute button, teachers can easily have private conversations.

Mic > infrared transmission type with a 2.3MHz & 2.8MHz transmitting frequency and an operating range of 18.5m/60ft line-of-sight
Battery > Single AA battery or NiMH rechargeable battery with a minimum 8 hours of battery life
Controls > on/off, mute, channel A and B
Inputs/Outputs > 2.55mm mic input, 3.55mm aux input, and a 1.33mm DC charge jack

SYMBIO

Symbio's speedy installation makes it easy for teachers to have their voice amplification systems up and running. Connect to any amplifier/speakers, install the ceiling sensor and you're ready.

Receiver > Infrared transmission with a receiving frequency of 3.3MHz & 2.8MHz, 50Hz to 10kHz frequency response, and 0V to 100mVrms maximum volume deviation
Pendant Mic > see additional information
Ceiling Sensor Kit > operating frequency of 2.3 MHz enables an operating range of 18.5m/60ft line-of-sight
Speakers > Two 10cm/4in woofers with 15Hz to 20kHz frequency response with a peak power of 30W

Panasonic

WX-LA20

This infrared receiver/amplifier has a 2 channel built-in 20W amplifier plus a 2 line input and 4 speaker connections. Connection with the WX-LR100 allows simultaneous 4 mic use.

Audio Power > 20W RMS
Amplifier > 20W
Inputs > 2 line input, 4 speaker connections, and simultaneous 4 mic use
Power Source > 24V DC
Current Consumption > 750mA
Controls > 2 mic volume controls, 2 band equalizer, 2 speaker volume controls, 1 power switch, & 2 input volume controls
Weight > 1.25kg

WX-LR100

The WX-LR100 is an infrared receiver with a built-in 2 channel tuner that is perfect for presentation purposes. Its 2-receiver connection allows simultaneous 4 mic use

Tuner > 2 channels
Receivers > 2 receivers allow for simultaneous 4 mic use
Frequency Response > 100Hz - 10kHz
Power Source > 24V DC
Current Consumption > 250mA
Controls > 2 mic volume controls and 1 power switch
Weight > 1.1 kg

WX-LP100

This all-in-one system provides a simple yet powerful sound enhancement system for classrooms, training centers, conference rooms, and more. It goes anywhere and requires no installation

Receiver > integrated dual channel infrared
Inputs > 2 stereo multimedia inputs
Signal Dispersion > wide, even coverage
Design > compact, lightweight, and rugged for flexible placement
Speakers > 12cm full range bass reflex
Infrared Technology > provides an area where frequency interference is no longer a problem
Output > adjustable for recording and assistive listening devices

WX-LT150 & WX-LT350

These lightweight mics are equipped with auxiliary inputs, which allow a multimedia source to be connected and the audio signal wirelessly transmitted to the speaker.

WX-LT150 Battery > 1 AA battery
Emitter > prevents sound interruption
Press to Talk Switch > amplifies voice input while pressed
Channels > enables to switch among 4 frequencies in 1 mic
WX-LT350 Battery > 1AA battery
Wearability > equipped with a clip and an adjustable strap
Connections > external mic outlet
Channels > enables to switch among 4 frequencies in 1 mic