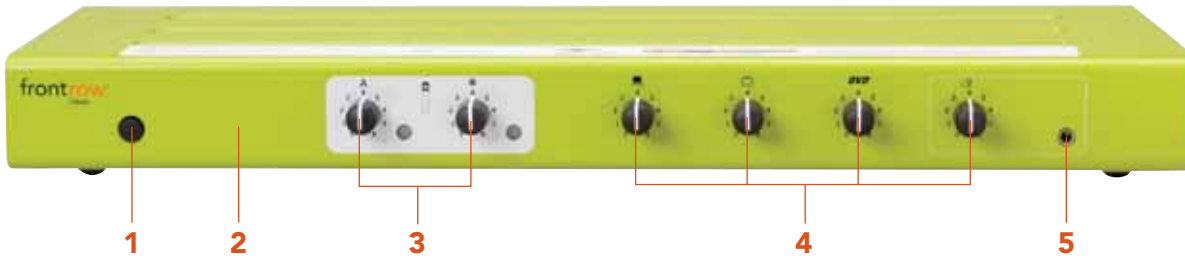
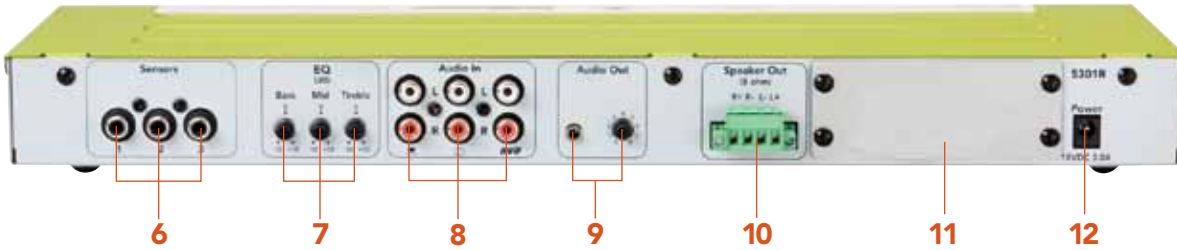


LASSO 5301R RECEIVER/AMPLIFIER

FRONT



BACK



1 one-touch operation

Teachers need only turn on the mic to start teaching. The ENERGY STAR® qualified receiver automatically wakes up from its energy-saving sleep mode and goes to sleep when the mic is turned off.

2 classroom-friendly color

Helps make the product less intimidating for teachers

3 two channels for more dynamic teaching

Encourage student participation with a pass-around mic; or amplify two teachers at the same time

4 easy control for at least 4 different audio sources

Quickly and easily adjust the volume level of streaming audio and video content, CDs and MP3 files

5 stereo quick connect for MP3 players

6 external sensor ports

Get great infrared signal pickup in almost any classroom with convenient ceiling or wall sensors

7 3-band equalizer

8 stereo inputs for external audio

9 auxiliary output and volume control

Connect to computer to record all audio content for podcasting, or connect personal FM systems for the hearing impaired

10 simple speaker hook-up

Captive screw terminals make speaker connection quick and easy

11 page override module expansion bay

Simply install the optional module to mute all audio whenever an announcement is made over the school's public address system

12 power jack



SPECIFICATIONS

Transmission type: Infrared

Receiving frequency: 2.3MHz & 2.8MHz

Frequency response: 20Hz to 20kHz

Signal-to-noise: >65dB (system)

TDH: <1% @ 1kHz into 8Ω

Maximum audio output power: 2 x 10w (8Ω), 2 x 20w (4Ω)

Power supply: 18VAC at 3A

Size (wxhxd): 43.7 x 18.4 x 4.3cm/17.2 x 7.3 x 1.7in

Weight: 1.83kg/64.5oz

User controls:

- Power
- Microphone A volume
- Microphone B volume
- Four auxiliary audio volume
- Audio out volume

Inputs/outputs:

- Input power jack
- 3 RCA jacks for external sensor connection
- Captive screw speaker terminals
- 3.5mm audio out jack
- 3 RCA stereo audio in jacks (with stereo sound output)
- 1 3.5mm stereo audio in jack (with stereo sound output)

5301R ACCESSORIES



receiver power supply



AC power cord (for power supply)

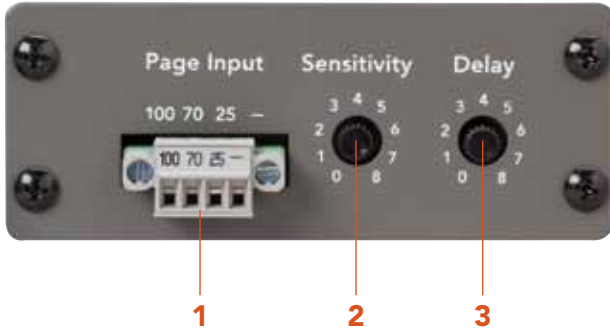


Aux-in cord



receiver wall mount

PAGE OVERRIDE MODULE (LASSO ONLY)



SPECIFICATIONS

PA input: Captive screw terminal (25V, 70V, 100V, ground)

Input impedance: 10k Ω

Sensitivity range: -20dBu to +20dBu

Delay range: 500msec to 5 sec

1 easy connection for 25, 70, and 100V PA systems

2 sensitivity control

3 delay control

940TM TRANSMITTER/MICROPHONE



SPECIFICATIONS

Transmission type: Infrared

Transmitting frequency: 2.3MHz & 2.8MHz (switchable)

Microphones: dual uni-directional cardioid

Battery life: minimum 8 hours

Battery type: single AA, 2500mAh rechargeable NiMH

Operating range: 18.5m/60ft line-of-sight (typical)

Size (wxhxd): 11 x 6 x 2.5 cm/4.5 x 2.5 x 0.9 in

Weight: 85g/3.0oz (with battery)

User controls:

- On/off
- mute
- channel A/B

Inputs/outputs:

- 2.5mm mic input
- 3.5mm aux input
- 1.3mm DC charge jack

1 totally wireless

Combination transmitter/microphone design eliminates the need for any cords

2 amazing sound quality

Patented dual-mic system ensures natural sound quality

3 maximum comfort

Efficient single-cell battery design is 25-40% lighter than competitor models

4 a/b channel selector

Conveniently switch between microphone channels

5 portable audio interface

A 3.5mm auxiliary input jack lets you use the transmitter/microphone to transmit audio from any secondary source, such as a TV, DVD, CD, computer, or MP3 player

6 audio mute switch

A convenient mute switch allows for private conversations

7 auxiliary microphone input

For teachers who prefer boom mics

8 smart charge security

SMARTCHARGE technology protects against charging incompatible batteries. Alkaline batteries may be used in an emergency, but the microphone will only charge the "silver-sleeve", auto-sensing battery that comes with your microphone.

9 4-way indicator light

10 on/off switch

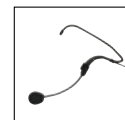
940TM ACCESSORIES



SMARTCHARGE NiMH rechargeable battery



aux-in cable



boom mic

950H PASS-AROUND MICROPHONE AND DROP-IN CHARGER



SPECIFICATIONS

Transmission type: infrared

Transmitting frequency: 2.3MHz & 2.8MHz (switchable)

Battery type: single AA, 2500mAh rechargeable NiMH

Battery life: minimum 5 hours

Operating range: 12.2m/40ft, line of sight (typical)

Size (wxhxd) (mic): 14.6 x 2.8 x 3.5 cm/5.7 x 1.1 x 1.4 in

Weight (mic): 74g/2.6oz (with battery)

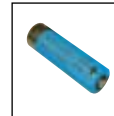
User controls (mic):

- On/off
- Channel A/B
- Mic gain – 3 settings

Inputs/outputs (mic):

- 3.5mm aux input, stereo summing
- 1.3mm DC charge jack

950H ACCESSORIES



SMARTCHARGE NiMH rechargeable battery



charger power supply



lavaliere clip

950H MICROPHONE

1 fits kids' small hands

Less than 15cm/6in tall, this durable kid-sized mic is much easier for students to use

2 comfortable hands-free option

Easy, comfortable lavaliere clip makes reading in front of class simple and lets the 950H double as a very lightweight teacher mic

3 3-way indicator light

4 on/off switch

5 smart charge security

SMARTCHARGE technology protects against charging incompatible batteries. Alkaline batteries may be used in an emergency, but the microphone will only charge the "silver-sleeve", auto-sensing battery that comes with your microphone.

6 a/b channel and mic gain selectors

(inside battery compartment)

7 name plate

8 optional charge input jack

9 portable audio interface

A 3.5mm auxiliary input jack lets you use the transmitter/microphone to transmit audio from any secondary source, such as a TV, DVD, CD, computer, or MP3 player

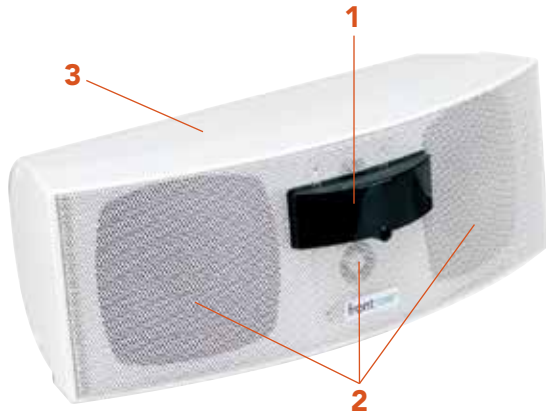
950C CHARGER

10 energy efficient drop-in charging

Charges both the 940TM and 950H microphones neatly and securely. Powered by an ENERGY STAR® qualified battery charger.

11 3-way charging indicator lights

IR SPEAKER



1 integrated sensor

Provides extremely robust IR coverage throughout the classroom

2 two 4" woofers, one 1" tweeter

Each cluster gives full range sound quality and twice the coverage of a single speaker

3 cut installation time in half

Install only two IR speakers per classroom – same coverage as four speakers and two sensors with half the labor



SPEAKER SPECIFICATIONS

Speaker type: Two 10cm/4in woofers; 2.5cm/1in tweeter

Impedance: 4Ω nominal

Continuous power: 20W

Peak power: 30W

Frequency response: 150Hz to 20kHz

Dimensions (wxhxd): 355x130x230mm/14x5x9in

Weight: 3.4kg /7.5lbs

Mounting: Wall mounting brackets provided

Combo cable incorporates:

Speaker wire: 18 AWG 2 conductor UL listed CL3P Plenum-rated

Sensor wire: 15.25m/50ft RG58/u coaxial cable CL3P shielded, UL listed Plenum rated jacket available



SENSOR SPECIFICATIONS

Operating frequency: 2.3MHz & 2.8MHz

Operating range: 18.5m/60ft line-of-sight (typical)

Signal/Power interface: RCA female jack

Number of IR photodiodes: 3

Power indicator LED: Green

Reception area: 2500ft² (typical with receiver sensors)

DISTRIBUTED CEILING SPEAKER (REQUIRES SEPARATE SENSORS)



- Full range for faithful reproduction of voice and music
- Great sound coverage
- Separate UL listed back enclosure prevents sound from traveling to other classrooms
- Mounts flush with ceiling for neat installation



SPECIFICATIONS

Speaker type: coaxial: 10cm/6.5in woofer, 2.5cm/1in tweeter

Impedance: 8Ω nominal

Continuous power: 30W

Peak power: 45W

Frequency response: 60Hz to 20kHz

Dimensions (Dia x d): 21.7 x 7 cm / 8.5 x 2.75 in

Weight: 1.1kg/2.5lbs

Mounting: Plenum-rated metal tile bridge, Plenum-rated steel back enclosure

Speaker wire: 18 AWG 2 conductor UL listed CL3P Plenum-rated

CEILING SENSOR



- Easy-to-install bracket allows quick and easy installation
- LED power indicator lets you know when unit is connected properly
- 360 degree 'full-sweep' signal coverage helps prevent signal dropout



SPECIFICATIONS

Operating frequency: 2.3MHz & 2.8MHz

Operating range: 18.5m/60ft line-of-sight (typical)

Signal/Power interface: RCA-female jack, 8" lead

Number of IR photodiodes: 6

Power indicator LED: Green

Reception area: 232m²/2500ft² (typical with receiver sensors)

Dimensions (Dia x h): 13.5 x 3.3 cm / 5.1 x 1.3 in

Weight: 224g/7.9oz (with bracket)

Mounting: Drop ceiling acoustic tile or sheetrock ceiling

Sensor wire: 15.25m/50ft RG59/u coaxial cable CL2P double shielded, UL listed
Plenum rated jacket available

WALL SENSOR



- Easy-to-install bracket allows proper angling for optimum room coverage
- LED power indicator lets you know when unit is connected properly
- Great for covering rooms with high ceilings, hanging student art, projector mounts, or other challenging obstructions
- Corner-compatible mounting bracket



SPECIFICATIONS

Operating frequency: 2.3MHz & 2.8MHz

Operating range: 18.5m/60ft line-of-sight (typical)

Signal/Power interface: RCA-female jack

Number of IR photodiodes: 3

Power indicator LED: Green

Dimensions (wxhxd): 7.5 x 3.9 x 6.0 cm / 2.9 x 1.5 x 2.4 in

Weight: 80g/2.5oz

Mounting: Wall mount bracket provided

Sensor wire: Two 15.25m/50ft RG59/u coaxial cables CL2P double shielded, UL listed Plenum rated
jacket available

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