

# SPORTSOUND SSR-AM PRODUCT SPECIFICATIONS



The Sportsound® Announcer's Mixer is a standalone two channel mixer designed to combine line and microphone input sources into a single output directly to an audio system or a sub mixing console. This system provides a single-point location to control voice announcements and play music files from an MP3 player, laptop, or smart phone with included cable. The mixer comes with a durable carrying case (see page 2).

The mixer includes two methods for controlling audio input from the microphone: holding the Momentary button provides direct confirmation of a live microphone, while pressing the Continuous button once turns the microphone on and pressing it again switches the microphone off. The Continuous button lights up to confirm that the microphone is live.

DIMENSIONS	WEIGHT	POWER	CONSTRUCTION	COLOR
2.5" H x 6.75" W x 5.25" D (64 mm, 172 mm, 133 mm)	3 lbs. (1.4 kg)	12 VAC @ 1000 mA via included 120 VAC transformer	Powder-coated steel	Black

**Note:** Dimensions and weight shown exclude headset and power transformer.

## KEY FEATURES

- Compact standalone mixing console for announcers with onboard music input
- Continuous and Momentary push-to-talk buttons
- Continuous button illuminates when microphone is active
- Onboard 12V phantom power for condenser microphones
- Bass Cut switch for increasing speech intelligibility
- Auto music reduction (ducking) to lower music volume when talking into microphone
- 4-segment LED metering with Overload (OL) indication
- Output limiting for outbound equipment protection
- Switchable Line to Mic Pad for connecting directly into a power amplifier or connecting sub mixer
- Individual source level control

## DEVICE CONNECTIONS

### Input

- Mic: Balanced 3-pin female XLR
- Music: Unbalanced stereo 3.5mm TRS

### Output

- Balanced 3-pin male XLR

### Headphones

- 1/4" TRS
- 3.5mm TRS

## FOR ADDITIONAL INFORMATION

- Architectural Specifications: See DD3638250
- Quick Start Guide: See DD3638236

\*Other mic/headphone options available per request

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## TECHNICAL SPECIFICATIONS

### SYSTEM FREQUENCY RESPONSE

- Mix Output:  $\pm 1.25\text{dB}$ , 20Hz – 20KHz

### MAX INPUT LEVEL

- Mic: +4 dBV (Knob Fully Counterclockwise)
- Music: +12 dBV (Knob Fully Counterclockwise)

### MAX INPUT GAIN

- Mic: +59dBV
- Music: +32dBV

### MAX OUTPUT LEVEL

- Mix Output: +22dBV
- Phones Out: +22dBV

### INPUT IMPEDANCE

- Mic: 1.82K $\Omega$
- Music: 8.6K $\Omega$

### OUTPUT IMPEDANCE

- Mix Output: 22 $\Omega$
- Phones Out: 30 $\Omega$

### CMR (COMMON MODE REJECTION)

- Mic/Music: 70dB

### THD+N (TOTAL HARMONIC DISTORTION + NOISE)

- Mic (1KHz @ +20dBV): 0.18%
- Music (1KHz @ +4dBV): 0.13%

### MIC BASS CUT

- Mic: 200Hz, 24dB/OCTAVE

### OUTPUT LIMITER (PEAK)

- +4, -6, or No Threshold, Switchable (LED indicates when active)

### MUSIC DUCKER

- 15dB, 70dB, or None when microphone input is sensed; Switchable

### OVERLOAD (OL) LED THRESHOLD

- Mic/Music: +9dB

### ATTENUATION OF LINE/MIC SWITCH

- Output Pad: 30dB

### OPERATING TEMPERATURE RANGE

- 32° to 122° Fahrenheit (0° to 52° Celsius)

### PHANTOM POWER

- Mic: +12 VDC

### POWER CONSUMPTION

- 0.05A @120VAC

## CARRYING CASE

Durable carrying case is waterproof and impact resistant and features custom foam inserts to store mixer, headset, and audio cables.

### DIMENSIONS

16.24" H x 12.94" W x 6.78" D  
(412 mm, 329 mm, 172 mm)

### WEIGHT

5.3 lb (2.4 kg)

### CONSTRUCTION

Polypropylene

### COLOR

Black

