

# Check the features...then check the specs you won't find finer mixers with more of what you need!

Ten years ago—with the introduction of the M67 and M68—Shure set the standards of the industry for compact, portable microphone mixers. Shure is now introducing two new mixers—the M267 and M268—with additional features and performance improvements that promise to make them the *new* industry standards.

Both units feature all-new design with performance and capabilities *never before available in modestly priced professional mixers!*

The M267 and M268 offer excellent performance and versatility that make them ideal choices as compact mixers for studio, remote, or original sound reinforcement use and as studio quality "add-on" mixers for expanding existing facilities.

In designing these new mixers, Shure retained all the features that made the M67 and M68 the world standards—such as the wide frequency response, low RFI and line noise susceptibility, and balanced inputs

and outputs. In addition to the many new features listed below, the M267 and M268 offer dramatic reduction of distortion and noise characteristics with substantial increases in gain and dynamic range.

## M267

### Professional Microphone Mixer

- **For Professional Broadcasting**  
Both TV and Radio—in the studio and for remote broadcast applications.
- **For Professional Recording**
- **For Professional Sound Reinforcement**  
For more complex public address systems.



**IMPROVED! Low Distortion Tone Oscillator**—1 kHz signal with front panel switch. Gold contacts!

**NEW! Active Gain Controls**—lower noise, greater dynamic range, and automatic input attenuation through the use of feedback-type volume controls.

**NEW! LED Peak Indicator**—faster than any VU meter, it warns user when program levels approach overload or indicates the onset of limiting.

**IMPROVED! Battery Check Function**—check battery condition without interrupting the program.

**NEW! Headphone Level Control**—adjusts monitor volume to user's need.

**IMPROVED! More Headphone Power**—improves headphone monitoring under noisy conditions; use headphone output to drive a tape deck or power amplifier.

**NEW! Automatic Muting Circuit**—prevents annoying clicks and thumps when unit is turned on or off.

**NEW! Peak Program Limiter**—eliminates overload distortion by monitoring program levels AND power supply level.

**NEW! Built-In Battery Pack**—operates on three readily available 9-volt alkaline batteries and switches automatically to battery power if ac fails.

All the features shown at left and above... Plus all these:

#### Shure M67 Mixer Features

- Transformer balanced inputs and outputs
- XLR and binding post outputs
- Mix Bus
- Illuminated VU meter
- Low cut filters
- Low RFI and line noise susceptibility
- Small size and light weight
- Wide 30 to 20,000 Hz frequency response  $\pm 2$  dB
- Listed by UL and listed by CSA as Certified

The new Shure M267 compact professional microphone mixer does it all, and, with the addition of two brackets, it will fit into an M67 rack panel!

#### ACCESSORIES

- A268R: Rack panel for mounting either the M267 or M268.
- RKC169: Accessory bracket for mounting an M267 or M268 in an M67 or M68 rack (A68R).
- A268B: Battery power supply for the M268.

**IMPROVED! Mic/Line Switch**—XLR output and all four XLR inputs are switchable to Microphone or Line Level. Gold contacts!

**NEW! Simplex (Phantom) Power**—switchable 30 Vdc on all microphone inputs to power condenser microphones.

**NEW! Headphone Ampl/Line Switch**—choose Amplifier position for high level monitoring or Line position for talkback. Gold contacts!

**IMPROVED! Low Distortion**—less than 0.35% at line level output.

**NEW! Electronic Power Supply Regulation**—improved performance on low or high ac line voltage.

## M268

### Value-priced Microphone Mixer

- **For Public Address and Paging**  
In hotels, schools, churches, community centers, hospitals, etc.
- **For the Serious Tape Recording Enthusiast**
- **As an Add-On Mixer for Expanding Current Equipment**

The M268 is a microphone mixer with many of the features found on the M267, including simplex power. It is a significant improvement over its best-seller predecessor, the Shure M68, in terms of increased gain and reduced distortion, and it also offers lower noise and greater dynamic range through the use of the same active gain controls found on the M267.

When used with the separate battery pack (A268B), the M268 switches to dc power automatically if there is an interruption in ac line current.

#### New Features

- Simplex power
- Mix Bus
- Automatic muting circuit
- AC to battery automatic silent switchover
- Active gain controls
- Electronically regulated power supply

#### Improved Features

- Gold contact Hi/Lo Z switches
- Lower distortion (typically less than 0.2%)
- Higher output level
- Lower hum and noise... and all the famous M68 original features

The M268 makes an ideal add-on to the M267. The two are matched in terms of performance and styling, and the mix bus makes it possible to use the peak indicator and metered output of the M267 to monitor the outputs of both mixers.

**The new industry standard**

## SPECIFICATIONS

### M267 and M267E

**Frequency Response:**  $\pm 2$  dB from 30 to 20,000 Hz  
**Gain:** Outputs terminated; line 600 ohms, microphone 150 ohms, mix bus 3.3K., headphone 200 ohms, tip-sleeve, ring-sleeve.

Input	Output		
	Line	Microphone	Mix bus
Low-impedance microphone	92 dB	42 dB	25 dB
Line	40 dB	-10 dB	-27 dB
Mix bus	56 dB	6 dB	—

#### Noise:

Equivalent input noise: -129.5 dBV  
 Equivalent input hum and noise: -127 dBV

**Distortion:** Under 0.35% THD from 30 to 20,000 Hz at +15 dBm output; under 0.5% IM distortion up to +15 dBm output level

#### Input Clipping Level:

Microphone: -32 dBV to -5 dBV (depending on input control setting)  
 Line: +20 dBV  
 Mix bus: -38 dBV

#### Output Clipping Level:

Microphone: -32 dBV  
 Line: +18 dBm

#### Limiter:

Threshold: +15 dBm (line output level; adapts automatically to power supply variations)  
 Attack Time: 3 msec typical  
 Recovery Time: 500 msec typical

**Peak Indicator:** Lights 6 dB below clipping or at onset of limiter action

**Simplex Power:** 30 Vdc open-circuit, 3.3K series resistance, input switches in MIC position only

#### Operating Voltage:

M267: 105-125 volts, 50/60 Hz  
 M267E: 210-250 volts, 50/60 Hz (can be rewired for 105-125 volts)

**Battery Operation:** Built-in battery compartment uses three readily available 9V alkaline batteries; provides approximately 20 hours of continuous operation.

**Certifications:** M267: UL Listed and CSA listed as Certified

**Dimensions:** 75.3 mm H x 309 mm W x 227 mm D (2<sup>3</sup>/<sub>32</sub> x 12<sup>3</sup>/<sub>32</sub> x 9 in.)

**Net Weight:** 2.3 kg (5 lb, 2 oz)

### M268 and M268E

**Frequency Response:**  $\pm 3$  dB from 40 to 20,000 Hz  
**Gain:** Outputs terminated; mic 150 ohms/33 kilohms, aux 47 kilohms, mix bus 3.3 kilohms.

Input	Output			
	Lo Z Mic	Hi Z Mic	Aux Out	Mix Bus
Low-impedance microphone	30 dB	54 dB	78 dB	24 dB
High-impedance microphone	7 dB	31 dB	55 dB	1 dB
Aux in	-15 dB	9 dB	33 dB	-21 dB
Mix bus	-6 dB	18 dB	42 dB	—

#### Noise:

Equivalent input noise: -128 dBV  
 Equivalent input hum and noise: -125 dBV

**Distortion:** Under 0.2% THD from 40 to 20,000 Hz

#### Input Clipping Level (minimum):

Low-impedance microphone: -32 to -5 dBV\*  
 High-impedance microphone: -10 to 18 dBV\*  
 Aux: 14 to 30 dBV\*  
 Mix bus: 8 dBV  
 \*Depending on control setting.

#### Output Clipping Level (minimum):

Low impedance microphone: -20 dBV (100 mV)  
 High impedance microphone: 4.5 dBV (1.7V)  
 Aux: 17 dBV (7.0V)  
 Mix bus: -8 dBV (0.4V)

**Simplex Power:** 30 Vdc open-circuit, 3.3K series resistance

#### Operating Voltage:

M268: 105-125 volts, 50/60 Hz  
 M268E: 210-250 volts, 50/60 Hz (can be rewired for 105-125 volts)

**Certifications:** M268: UL Listed and CSA listed as Certified

**Dimensions:** 75.3 mm H x 309 mm W x 227 mm D (2<sup>3</sup>/<sub>32</sub> x 12<sup>3</sup>/<sub>32</sub> x 9 in.)

**Net Weight:** 1.9 kg (4 lb, 2 oz)

**ELECTRONIC INDUSTRIES, INC.**  
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the industry standards  
for over ten years...



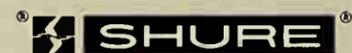
#### M67 Professional Microphone Mixer

Compact, lightweight, economical. Specifically designed for studio and remote broadcasting, recording, and sound reinforcement. Four low-impedance inputs, with one convertible to line-level use. Illuminated VU meter, headphone monitor jack, tone oscillator, lo cut filters, wide frequency range. Automatic switchover to dc or optional battery pack if ac line current fails.



#### M68 Microphone Mixer

Moderately priced, compact, lightweight mixer with wide frequency response. Four switchable high- or low-impedance microphone inputs, aux input and output, and high or low z mic output (switchable). The M68 is designed for users who do not require headphone monitor output, VU meter, or tone oscillator.



**The Sound of the Professionals®**

Shure Brothers Inc., 222 Hartrey Ave., Evanston, IL 60204



Twice  
Again:  
Shure sets the standard of the industry!  
...introducing 2 new microphone mixers

