

LIMITED WARRANTY

This product is warranted to the original consumer purchaser to be free from defects in materials and workmanship under normal installation, use and service for a period of one (1) year from the date of purchase as shown on the purchaser's receipt.

The obligation of Rolls Corporation under this warranty shall be limited to repair or replacement (at our option), during the warranty period of any part which proves defective in material or workmanship under normal installation, use and service, provided the product is returned to Rolls Corporation, **TRANSPORTATION CHARGES PREPAID**. Products returned to us or to an authorized Service Center must be accompanied by a copy of the purchase receipt. In the absence of such purchase receipt, the warranty period shall be one (1) year from the date of manufacture.

This warranty shall be invalid if the product is damaged as a result of defacement, misuse, abuse, neglect, accident, destruction or alteration of the serial number, improper electrical voltages or currents, repair, alteration or maintenance by any person or party other than our own service facility or an authorized Service Center, or any use violative of instructions furnished by us.

This one-year warranty is in lieu of all expressed warranties, obligations or liabilities. **ANY IMPLIED WARRANTIES, OBLIGATIONS, OR LIABILITIES, INCLUDING BUT NOT LIMITED TO THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, SHALL BE LIMITED IN DURATION TO THE ONE YEAR DURATION OF THIS WRITTEN LIMITED WARRANTY.** Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you.

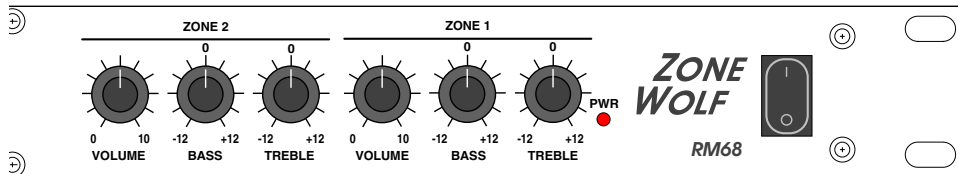
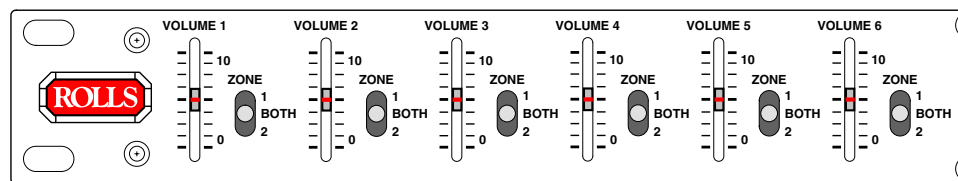
IN NO EVENT SHALL WE BE LIABLE FOR ANY SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR BREACH OF THIS OR ANY OTHER WARRANTY, EXPRESSED OR IMPLIED, WHATSOEVER. Some states do not allow the exclusion or limitation of special, incidental or consequential damages so the above limitation or exclusion may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.



ROLLS CORPORATION
SALT LAKE CITY, UTAH
7/00



RM68 ZONE WOLF 2-Zone Mixer



OWNERS MANUAL

INTRODUCTION

Thank your for your purchase of the Rolls RM68 ZONE WOLF 2-Zone Mixer. The RM68 is a three microphone, six stereo RCA source mixer that combines the signals and routes them to either of two zones or both. Microphone and Source inputs 1 through 3 share Volume sliders 1 through 3. Microphone One features a talkover function, activated automatically when signal is present at Mic One and the Talkover switch is engaged. +12 VDC phantom power is available for each individual microphone input. Bass, Treble and overall Volume controls are provided for each zone output.

Applications for the Zone Wolf include restaurants, hotels, schools, churches or factories.

FEATURES:

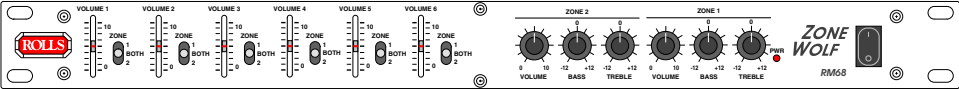
- Two separate zones with six assignable inputs
- Three XLR balanced Mic inputs with phantom power
- Six stereo RCA inputs
- Bass and Treble controls for each zone
- Automatic talkover on Mic One to the assigned zone
- Master level for each zone
- 1/4" stereo outputs
- Rugged design and steel chassis for demanding road use, or installation

INSPECTION

1. Unpack and inspect the RM68 box and package.
If obvious physical damage is noticed, contact the carrier immediately to make a damage claim. We suggest saving the shipping carton and packing materials for safely transporting the unit in the future.
2. Please complete the Warranty Registration Card and return it to the factory.

DESCRIPTION

FRONT PANEL



VOLUME 1 - 3: Adjusts the level of signal from either Source Inputs 1 - 3 or Mic Inputs 1 - 3. NOTE: Channel 1 RCA and Mic Inputs are mixed together, as are Channels 2 and 3.

VOLUME 4 - 6: Adjusts the level of signal from Sources 4 - 6 to the selected output bus(es).

NOTE: THE DESCRIPTION FOR ZONE 1 IS IDENTICAL TO THAT OF ZONE 2.

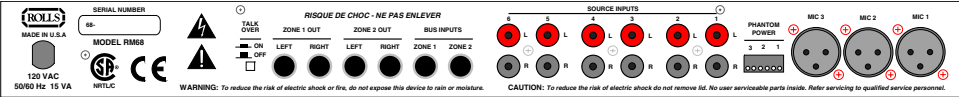
VOLUME: Adjusts the output level of the zone from -infinity (off) to a maximum of +26 dB of gain.

BASS: Controls the amount of the low-frequency content of the zone signal.

TREBLE: Controls the amount of the high-frequency content of the zone signal.

Power switch: Turns the RM68 on and off.

REAR PANEL



Mic 1 - 3: Balanced XLR inputs for connection to dynamic or condenser microphones.

Phantom Power: Two-pin header jumpers. From the factory, the jumpers are set vertically, not connecting the phantom power. To connect phantom power to the indicated mic channel, carefully pull the jumper off the pins and reconnect the two adjacent pins by installing the jumper horizontally.

SOURCE INPUTS 1 - 6: Stereo RCA jacks. Channels 1 - 3 share busses and volume controls with Mic inputs 1 - 3. Channels 4 - 6 are independent.

BUS INPUTS, ZONE 1 and ZONE 2: 1/4" TRS Stereo inputs for connection to another RM68 Zone outputs using insert cables. This provides a way to connect multiple RM68 units together and expand the input numbers.

ZONE1 and ZONE 2 OUT: Right and Left 1/4" TRS balanced output jacks.

TALKOVER SWITCH: Engages the talkover function for Mic Input 1. When engaged, this is an automatic function that ducks the program material on the Source inputs under the signal on Mic 1.

SPECIFICATIONS

| | |
|-----------------------|---|
| Input Impedance: Mic: | 600 Ohm XLR balanced |
| Source: | 22K Ohm RCA unbalanced |
| Bus In: | 22K Ohm unbalanced |
| Max Input Level: Mic: | -14 dBV balanced |
| | Source: +24 dBV |
| Input Connectors: | 3: XLR, 6: stereo RCA, 2: 1/4" (Bus inputs) |
| Outputs: | 2 Sets Right and Left 1/4" unbalanced outputs |
| Max Gain: | Mic: 60 dB |
| | Line: 26 dB |
| Tone Control: | 12 dB boost/cut |
| Phantom Power: | +12 VDC |
| Output Level: | +17 dBV max |
| Output Impedance: | 51 Ohm |
| Phase Shift: | <10 degrees, 20Hz to 20 kHz |
| Max S/N ratio: | 106 dB |
| THD: | <.003% |
| CMRR: | >52 dB (Mic) |
| Size: | 19" x 1.75" x 6" |
| | (48.3 x 4.5 x 15 cm) |
| Weight: | 5 lbs. (2.3 kg) |