



MX56s Playmate 4-Channel Mixer



Owners Manual

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.

MX56s Playmate

- Mixes Microphone, Stereo RCA, and two instruments
- Perfect for any small band or combo
- RCA, 1/4" and Headphone outputs
- Battery and AC powered

The MX56 Playmate is the ideal compact mixer for any small group wishing to practice using a home stereo system. It's also usefull for small installs, as a line tester, or any application where a variety of inputs are needed.



Rolls Corporation
Salt Lake City, UT 11/00

INTRODUCTION

Thank you for your purchase of the MX56s Playmate, 4-Channel Mixer. Many small groups wish to practice using their home stereo system. The MX56s provides a way to mix a vocalist, a CD or cassette player, and a couple of instruments together, and send the signal to a stereo system power amp or a regular sound reinforcement amplifier.

INSPECTION

1. Unpack and Inspect the MX56s package

Your MX56s was carefully packed at the factory in a protective carton. Nonetheless, be sure to examine the unit and the carton for any signs of damage that may have occurred during shipping. 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.

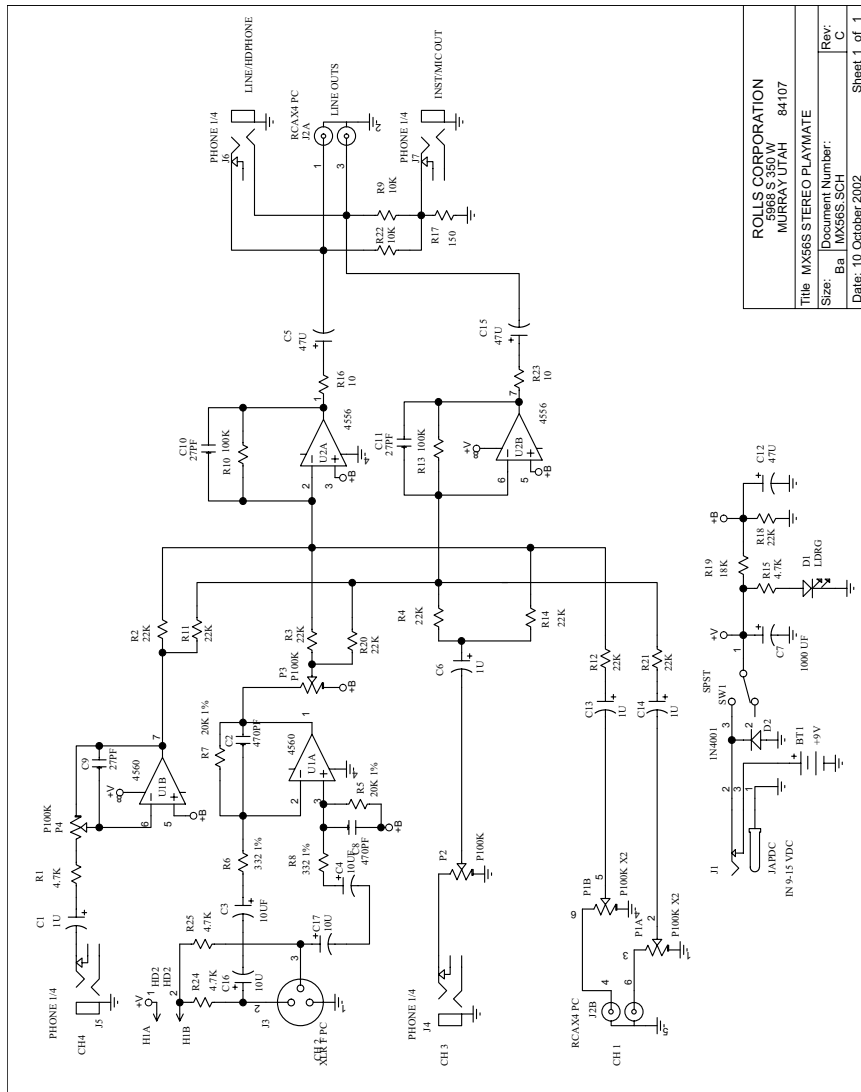
2. Please complete the Warranty Registration Card and return it to the factory.

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SPECIFICATIONS

| | |
|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| Connectors: | Input: 2; 1/4" unbal. 1: XLR bal. 1: Stereo RCA Output: 1: Stereo RCA 1: 1/4" TRS Stereo Hdphone/Line 1: 1/4" TS Instrument Level |
| Max Gain: | Ch 1; 13 dB Ch 2; 46 dB Ch 3; 13 dB Ch 4; 40 dB |
| Channel Crosstalk: | -70 dB |
| Phantom Power: | 12 VDC |
| Max Output: | + 7 dB |
| S/N Ratio: | >80 dB |
| THD: | <.05% |
| Size: | 4.15" x 2.46" x 1.55" |
| Weight: | 2 lbs. |

SCHEMATIC



DESCRIPTION

REAR PANEL

DC Power Input: Connects to a 12 - 16 VDC 150 mA power supply. The inside of the jack is negative, the outside is positive.

Line Out: Two RCA jacks with the main mixed signal at line level.

Line In (Ch 1): Stereo RCA jacks for connection to a line-level source such as a CD or cassette player.

Phantom Power: The square hole between Line In 1 and Mic In 2 has the phantom power jumper. To engage the phantom power, carefully pull out the jumper with a pair of needle-nose pliers and replace it in a horizontal position so the jumper shorts the two pins together.

Mic In (Ch 2): XLR input jack for connection to a dynamic or condenser microphone. If you are using a condenser type microphone make sure the Phantom Power jumper is shorted together as described above.

Inst. In (Ch 3 & 4): 1/4" input jacks for connection to guitars, keyboards or other instrument level devices.

FRONT PANEL

Line/Headphone Out: 1/4" TRS stereo jack for connection to an amplifier or headphones.

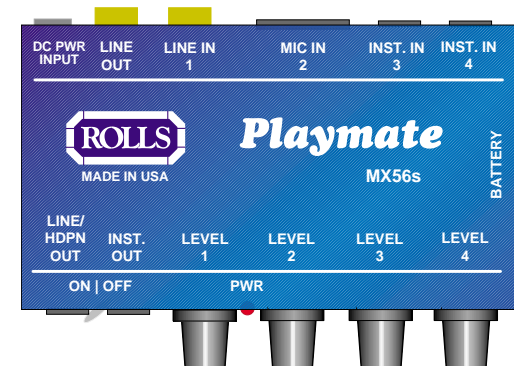
Inst. Out: 1/4" TS jack for connection to an amplifier.

Level 1 - Level 4: Adjusts the signal level of the corresponding input channel.

PWR LED: When lit, indicates that the MX56s is connected to the AC adapter and the power switch is on. Or - if a battery is installed and the power switch is on.

ON/OFF: Power Switch: Applies and removes power to the MX56s.

The battery port is located on the right-hand side of the MX56s. To change the battery; remove the cover, slide the used battery out and remove the battery from the clip. Dispose of the used battery properly, and reinstall the new battery. Reinstall the battery cover.

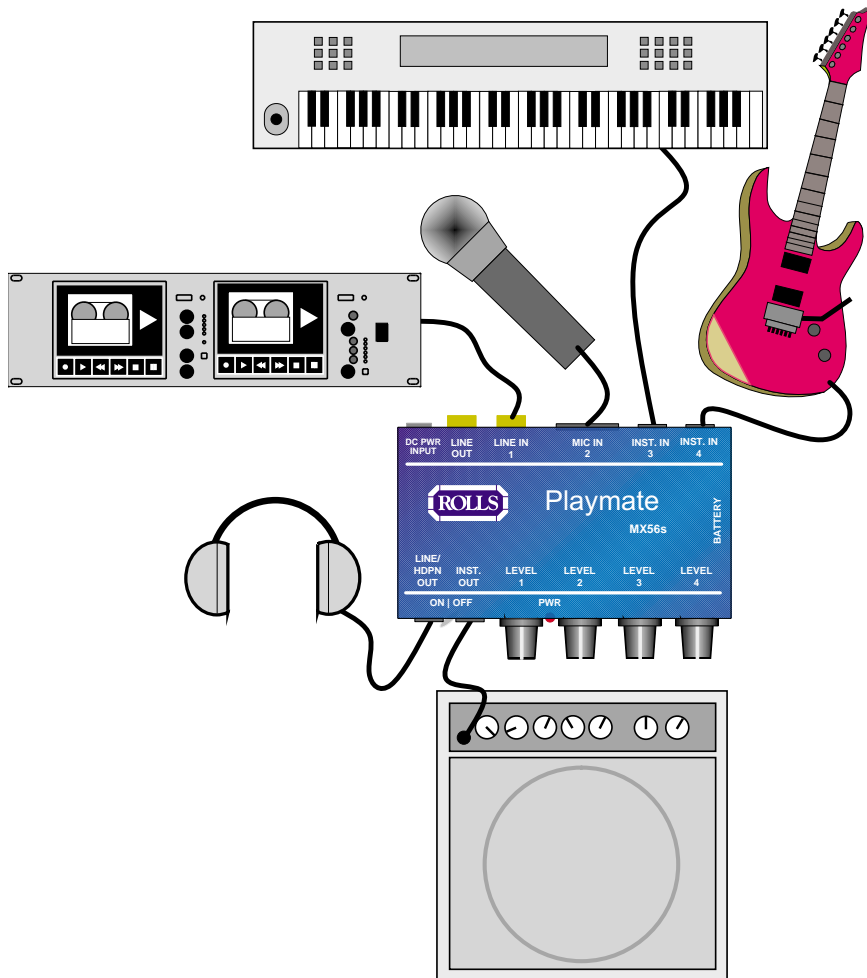


OPERATION

EXAMPLE ONE

Connect instruments, microphone, and signal source (CD player, cassette player etc.) to their proper input as shown in the diagram below. If the microphone requires phantom power, move the phantom power jumper as described on the previous page.

Adjust the levels of each channel for a desired balance of signals. Since the MX56 has no master level, you will need to be aware of the setting of your amplifier. Check each instrument/mic/source level individually first for proper level, then adjust them for a desired mix.



EXAMPLE TWO - Mini Karaoke Mixer

To use as a karaoke or sing-along mixer, connect the microphone and tape player (or CD player) as shown. Connect the output to a tuner/amplifier, or other amplifier and speaker combination. If the microphone requires phantom power, move the phantom power jumper as described in the DESCRIPTION section of this manual.

