

ONE YEAR WARRANTY

Nady Systems, Inc. warrants to the original consumer purchaser that your unit is free from any defects in material or workmanship for a period of one year from the date of purchase. If any such defect is discovered within the warranty period, Nady Systems, Inc. will repair or replace the unit free of charge, subject to verification of the defect or malfunction upon delivery or shipping prepaid to Nady Systems.

Important:

Please do not return our product to the store where it was purchased. Nady Systems, Inc. accepts the responsibility of keeping you a satisfied customer. This warranty does not apply to defects or physical damage resulting from abuse, neglect, accident, improper repair, alteration, or unreasonable use of the unit resulting in cracked or broken cases or parts, or units damaged by excessive heat, and does not apply to batteries or damage caused by leaking batteries. This warranty does not cover finish or appearance items nor items damaged in shipment en route to Nady Systems Inc. for repair. You must include proof of date and place of purchase (i.e. photocopy of your bill of sale) or we cannot be responsible for repairs or replacement. If factory service is required, you must contact our Service Department at 510/652-2411 for a return authorization (RA) number. Make sure the RA number is clearly marked on the outside of the package. Nady Systems, Inc. will not repair nor be held responsible for any units sent without proper identification and return address or RA number clearly marked on the package. Any applicable implied warranties including warranties of merchantability and fitness are hereby limited to one year from date of purchase. Consequential or incidental damages resulting from a breach of any applicable express or implied warranties are hereby excluded. This warranty is in lieu of all other agreements and warranties, general or special, express or implied and no representative or person is authorized to assume for us any other liability in connection with the sale or use of this Nady System's product. Some states do not allow limitations on how long implied warranties last and do not allow exclusion of incidental or consequential damages so the above limitations and exclusions may not apply to you. This warranty gives you specific legal rights and you may also have other rights which may vary from state to state.

SERVICE

(U.S.) Should your Nady WA-120BT require service, please contact the Nady Customer Service Department via telephone: (510) 652-2411 or e-mail: support@nady.com.

(INTERNATIONAL) For service, please contact the Nady distributor in your country through the dealer from whom you purchased this product. The warranty section below provides valuable warranty and service information. Store it in a safe place for future reference. Do Not attempt to service this unit yourself as it will void your warranty.

NADY
AUDIO

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NADY
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OWNER'S MANUAL



MM-14FX
4 Channel Mini Mixer with Echo Effects

MM-14FX

The NADY MM-14FX Mini Microphone Mixer is one of the finest microphone mixers on the market today. This unit was developed using the expertise of professional sound engineers and working musicians. You will find that your new NADY MM-14FX has superior performance and greater flexibility than any other mini mixer in its price range. Please read this manual carefully to get the most out of your new unit.

FEATURES

- 4 Mono 1/4" microphone inputs with individual volume controls
- Built-in Echo Effects DSP with Delay Time and Depth controls emulates room and hall to stadium decay reverbs
- 1/4" unbalanced output
- Up to 50dB of gain per channel
- Power on/off switch with LED indicator, 9VDC powered with either 9V alkaline battery or optional PAD-1 AC/DC external adapter

SPECIFICATIONS

Input Impedance.....	5K Ohms
Maximum Input.....	-13dBm (200mV)
Sensitivity	-45dBm (8mV)
Output Impedance	800 Ohms
Maximum Output.....	+6.5dBm (2V)
Max Gain	49.1dB
Frequency Response	20Hz - 18KHz (+/-3dB)
THD+Noise	0.09%
S/N	-78dB
Noise Floor	300uV
Current Drain	35mA
9V Battery Life	up to 20 hours
Power Requirements	9V battery or optional PAD-1 AC/DC adapter
Dimensions	6" x 3.3" x 2" (152 mm x 84 mm x 52 mm)
Weight	0.9 lbs (0.4 Kg)

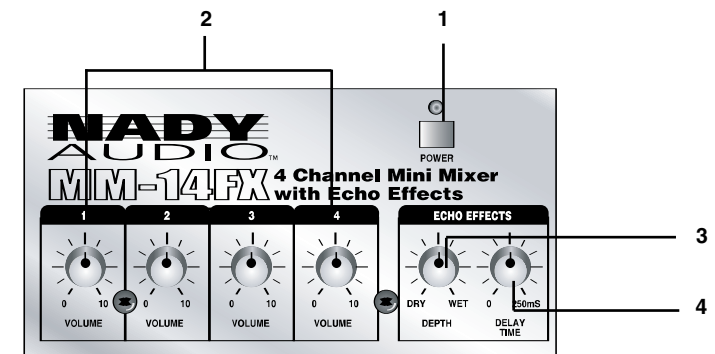
TROUBLESHOOTING TIPS

Unit does not turn on. Make sure to either use a PAD-1 AC/DC adapter (not included) or that a battery is installed in the mixer. Insert battery following the proper polarity. Battery compartment is located on the right side of the unit.

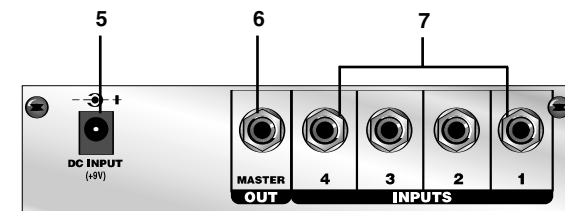
No sound. Double check that the levels are properly adjusted and not turned all the way down.

No delay effect. Turn the DEPTH control (3) until the delay can be heard.

CONTROLS AND CONNECTIONS



FRONT PANEL



REAR PANEL



1. POWER BUTTON - Use this button to turn the mixer ON and OFF (Note: Before turning on the unit, turn down the volume control of the equipment connected to the outputs).

2. CHANNEL VOLUME CONTROLS - These controls separately adjust the volume of the each input.

3. DEPTH CONTROL - Adjusts the feedback (number of repeats) of the internal echo effects. Set lower to emulate room reverbs and adjust towards max for hall to stadium decay reverbs. Setting to minimum turns the echo effects off.

4. DELAY TIME CONTROL - Adjusts the reflection delay time of the echo effects. Set this control lower for shortest echo times to emulate plate and doubling effects whereas setting it to maximum will enable the longest echo time for stadium reverbs and delay sounds.

5. DC INPUT - Input socket for the optional PAD-1 9V AC/DC adapter. When you use external DC power, the built-in battery power will turn off automatically.

6. MASTER OUTPUT - This unbalanced 1/4" jack outputs a line level mix of the 4 inputs with Echo Effects signal applied (if desired).

7. MICROPHONE INPUTS - These 1/4" unbalanced inputs are designed to accept mic level signals from dynamic microphones.

8. BATTERY COMPARTMENT - Pull out the battery case entirely and insert the 9V battery following the proper polarity. Then insert case base back into the unit.