

NEWHANK

QUALITY AV PRODUCTS

Aerobix **Professional low noise mixer**



User Guide **and Reference Manual**

INTRODUCTION

Welcome to the NEWHANK Aerobix professional 1U 19" mixer series user manual. The Aerobix is a simple and easy to operate low noise preamplifier with 2 Mike inputs and 2 stereo Aux inputs.

GETTING STARTED, THE BASIC PRINCIPLES

- 1. Study the face- and back- panel functions..**
- 3. Make sure all devices are turned off and all rotary's are set to "zero".**
- 4. Connect all your stereo input sources .**
- 5. Connect the stereo output to power amplifier(s), powered speakers and so on.**
- 6. Plug all devices into AC power.**
- 7. Always switch on system on in the following sequence:**
 - 1. Audio input sources (like DVD- CD Players, Tuners etc).**
 - 2. Mixer.**
 - 3. Amplifiers, Powered speakers etc.****Always switch off in reverse sequence:**
 - 1. Amplifiers, Powered speakers etc.**
 - 2. Mixer.**
 - 3. Audio input sources (like DVD- CD Players, Tuners etc).**



FACE PANEL FUNCTIONS

1. **MIC INPUT 1**-- Connect a mic with a 6.3 mm plug to this input.
2. **MIC INPUT 2**-- Connect another microphone with a 6.3 mm plug to this input.
3. **MIC 1 Volume** - Level adjustment for MIC 1.
4. **MIC 2 Volume** - Level adjustment for MIC 2.
5. **MIC BASS** -- Bass cut or boost level for MIC 1 and MIC 2.
6. **MIC TREBLE** --High cut or boost level for MIC 1 and MIC 2.
7. **MUSIC MUTE** -- Mutes AUX1 and AUX2 when pushed.
8. **AUX 1 Volume** --Level adjustment for AUX 1.
9. **AUX 2 Volume**-- Level adjustment for AUX 2.
10. **AUX Bass** -- Adjusts the low freq (bass) level for AUX 1 and AUX 2.
11. **AUX Treble** -- Adjusts the high freq (treble) level for AUX 1 and AUX.
12. **POWER SWITCH**-- illuminates in red when the mixer is powered.



BACK PANEL FUNCTIONS

13. **MAINS CONNECTOR**-- IEC socket accepts IEC power lead.
14. **VOLTAGE SELECTOR**-- 220-110 AC Volt Switch (factory set on 220v).
15. **MASTER OUT RCA**-- Asymmetrical master output.
16. **MASTER OUT XLR**-- Symmetrical master out.
17. **MASTER VOLUME** -- Level adjustment of the RCA and XLR Output.
18. **MIC 1 RELEASE** -- the further turned clockwise the longer it takes before the Signal from AUX1 or AUX2 returns.
19. **MIC 2 RELEASE** -- the further turned clockwise the longer it takes before the Signal from AUX1 or AUX2 returns.
20. **SENS**-- Talk over Sensitivity adjustment for MIC1 and MIC2, MAX when turned clockwise.
21. **AUX 1**-- RCA Stereo line level input AUX 1.
22. **AUX 2**-- RCA Stereo line level input AUX 2.
23. **MIC 2 INPUT**-- MIC 2 XLR balanced input.
24. **MIC 1 INPUT**-- MIC 1 XLR balanced input.

SPECIFICATIONS

Line 10Kohm, Mic input impedance

Mic 600 Ohm input impedance

S/N Ratio: >98 dB

Total Harmonic Distortion: <0.02% (1KHZ)

Frequency response 20Hz-20KHZ

Power Consumption 110-120v / 200-240v AC, 10W

Dimensions:

Face Panel 483x44.4mm

Rear Panel 433x44.4mm

Casing Depth 150mm (excluding connectors)

Weight: 4KG

Please Note: All specifications and improvements to and in the design of this unit and its manuals are subject to change at any time without any prior written or published notice.

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