

# **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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