

# **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 2.
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 unbalanced input.
24. MIC 1 INPUT -- MIC 1 XLR unbalanced 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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