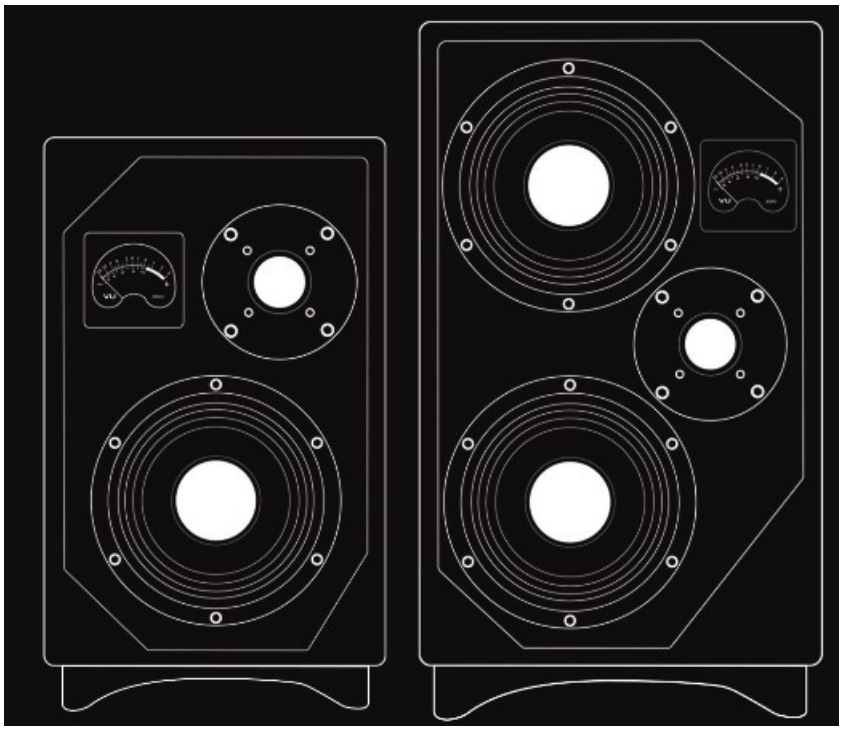
Ashdown Engineering NFR Reflex Studio Monitors User Manual

Engineering NFR Reflex Studio Monitors



USER MANUAL

Contents

NFR Reflex Studio Monitors

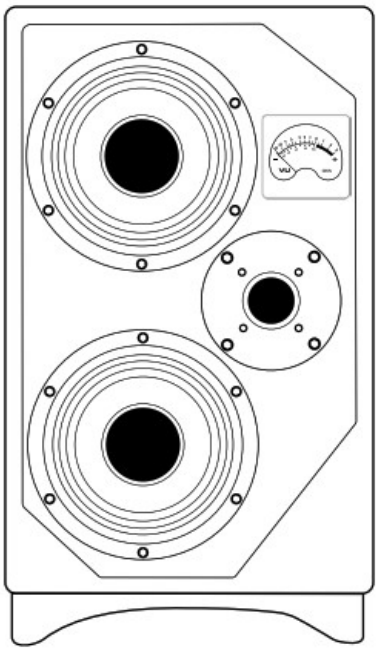
THANK YOU
Thank you for purchasing your Ashdown Engineering Product and welcome to the family! We really think you've made the right choice and know that these speakers will give you years of great service. However they need to be looked after, please read through this user manual which will help you get the most out of your new speakers and keep them running as long as some of our happiest and very famous customers.

REGISTER ONLINE
Please register this product online so we can make sure we give you years of customer support through our friendly in-house service centre.

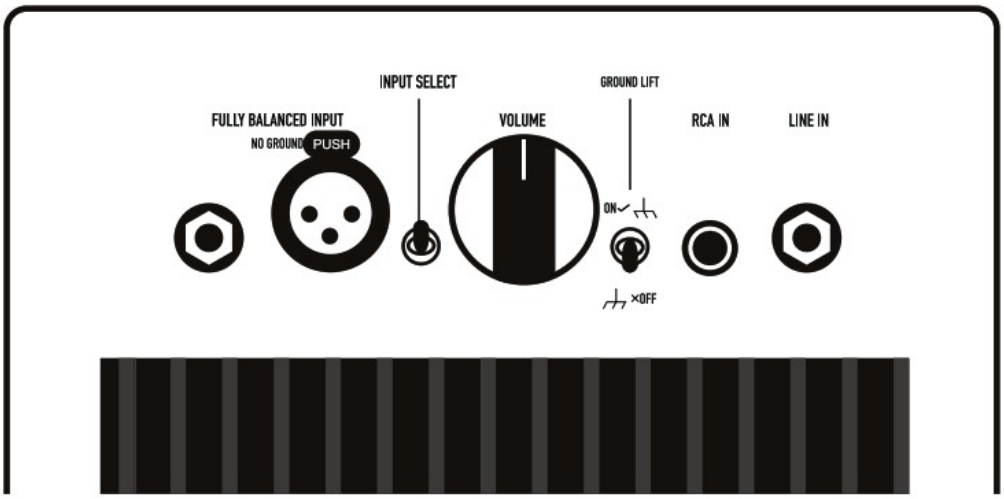
Here is where you need to visit to register your product: **http://www.ashdownmusic.com/pages/register-your-product**

INTRODUCTION

Following the design of the NFP-1/2 it became apparent there was a need for a more economical monitor style speaker to be designed suitable for less demanding applications.
The new design uses a PORTED cabinet to help with the bass response, this involved some serious consideration, In this type of arrangement the port area is set by the cone area of the bass speaker, if the Port area is smaller than recommended air noises are produced, the dilemma and compromise comes from the fact that the length of the port required to tune the cabinet to a required frequency is set by the area of the port. Not surprisingly it is not uncommon to find that the required length will not fit inside the cabinet, the usual solution to this is to make the area of the port less which reduces its length and increases noise. We chose a different approach by making the port exit through the base of the cabinet, a detachable section completes the port and makes a stand for the speaker to sit on.
This novel idea also means that the speaker can be used as a sealed enclosure by simply placing it on a flat surface without the stand or used as a ported cabinet by placing it on the stand.

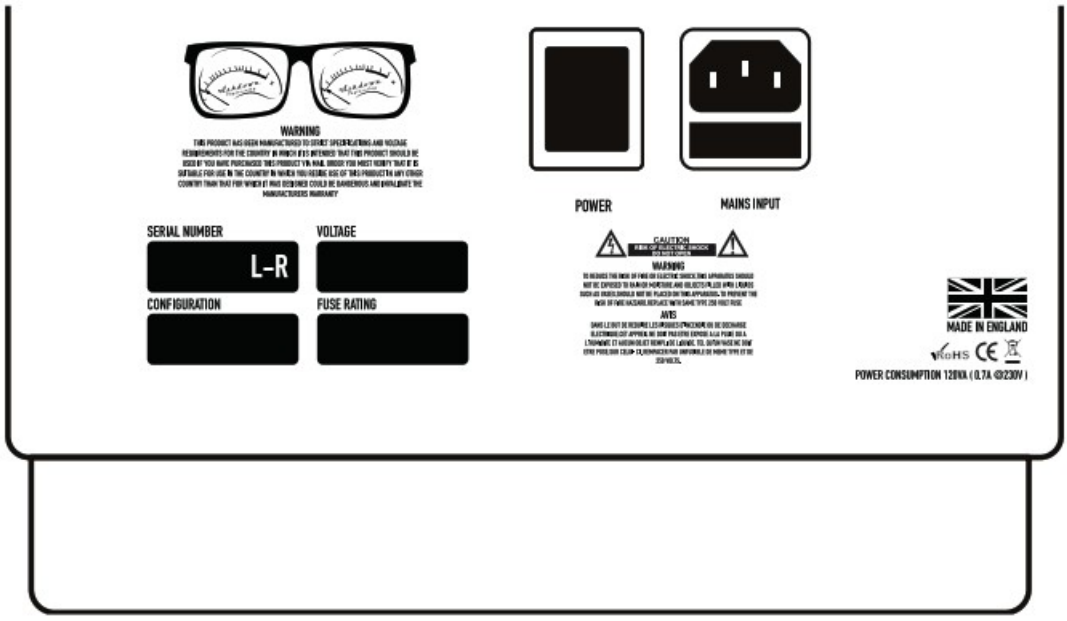


REAR PANEL FACILITIES
FULLY BALANCED INPUTS – Choose from balanced 1/4” Jack or XLR input to connect up your speaker to your audio source (i.e.. audio interface etc.)
INPUT SELECT SWITCH – Select which input source you are using, 1/4” Jack or XLR input.
VOLUME KNOB – Use to set the gain of the individual speaker. If using as a pair we recommend setting both to the same level. Start at 12 o’clock and adjust up and down until desired level is reached, bear in mind the size of the room you are set up in and adjust accordingly.
REAR PANEL TOP:

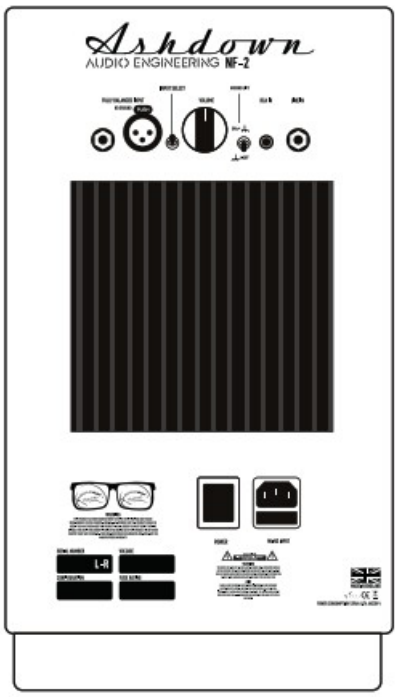


GROUND LIFT SWITCH – Use this to reduce or eliminate ground-related noise arising from ground loops in audio cables if you experience any unwanted noise.
RCA IN – Use to connect to an audio source when using an RCA cable.
LINE IN – This 1/4” jack socket is used to connect the output of line level devices.
POWER SWITCH – Use to power the speaker on.
MAINS INPUT – Use the included mains power lead to plug into a 240v mains socket.

REAR PANEL BOTTOM:



NFR-1 SPECIFICATIONS:



SPEAKERS
1 x 5” LF DRIVER
1 x SILK DOME TWEETER

BALANCED XLR / TRS INPUT
BANDWIDTH | > 2 MHz
DISTORTION | < 0.001%
SLEW RATE | =12v/Us
CMRR | > 90dB
SENSITIVITY | 0dbV (775mv)
MAX SIGNAL LEVEL | +20dBV

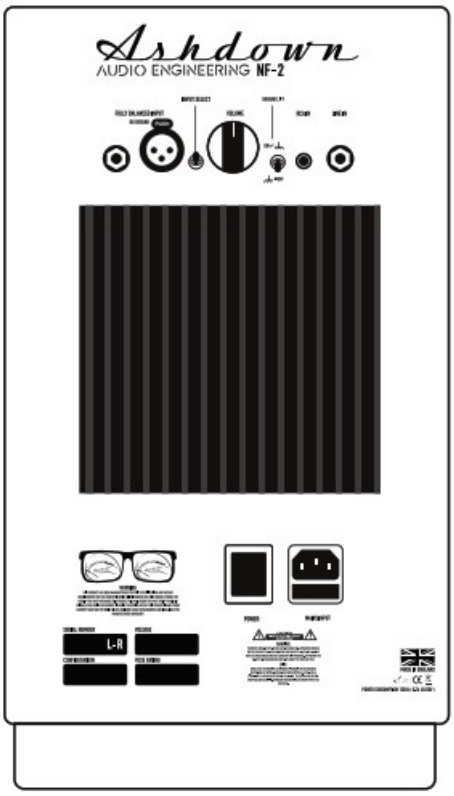
AMPLIFIER (BASS SECTION)
POWER OUTPUT CONTINUOUS | 100W
BURST POWER | 135W
THD @ 40WATTS AVE OUTPUT | < 0.004%
HUM & NOISE | <106dBV

AMPLIFIER (TREBLE SECTION)
POWER OUTPUT CONTINUOUS | 50W
THD @ 10WATTS AVE OUTPUT | < 0.012%
HUM & NOISE | <106dBV

CABINET DIMENSIONS
315 X 200 X 300 (mm) / 12.5 X 8 X 11.5 (“)

NFR-2 SPECIFICATIONS:

SPEAKERS
2 x 5” LF DRIVER
1 x SILK DOME TWEETER



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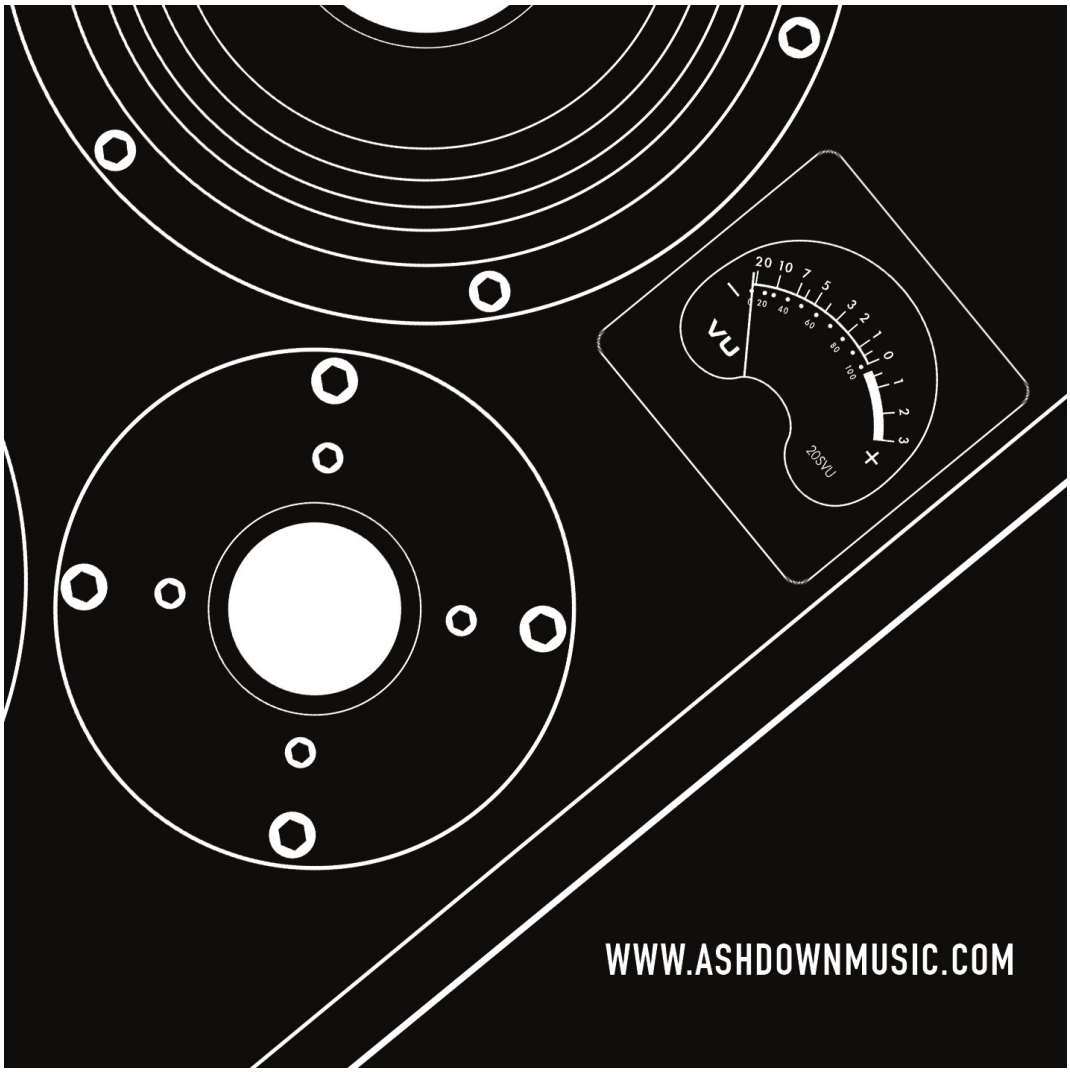

WWW.ASHDOWNMUSIC.COM

Documents / Resources

	Ashdown Engineering NFR Reflex Studio Monitors [pdf] User Manual NFR-1, NFR-2, NFR Reflex Studio Monitors, Monitors, Studio Monitors, NFR Studio Monitors, Reflex Studio Monitors

References

- Register Your Product – Ashdown Engineering