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**Service Manual**

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**Model**

**NF-1**

**&**

**NF-1A**

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**NEAR FIELD STUDIO MONITOR  
SPEAKER SYSTEM**

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**FOSTEX<sup>®</sup>**

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CAUTION

RISK OF ELECTRIC SHOCK  
DO NOT OPEN

CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK,  
DO NOT REMOVE COVER (OR BACK).  
NO USER-SERVICEABLE PARTS INSIDE.  
REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

**CAUTION:**  
TO PREVENT ELECTRIC SHOCK, MATCH WIDE BLADE OF PLUG TO WIDE SLOT, FULLY INSERT.

**ATTENTION:**  
POUR ÉVITER LES CHOCS ÉLECTRIQUES, INTRODUIRE LA LAME LA PLUS LARGE DE LA FICHE DANS LA BORNE CORRESPONDANTE DE LA PRISE ET POUSSER JUSQU' AU FOND.

The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

**“WARNING”**

“TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.”

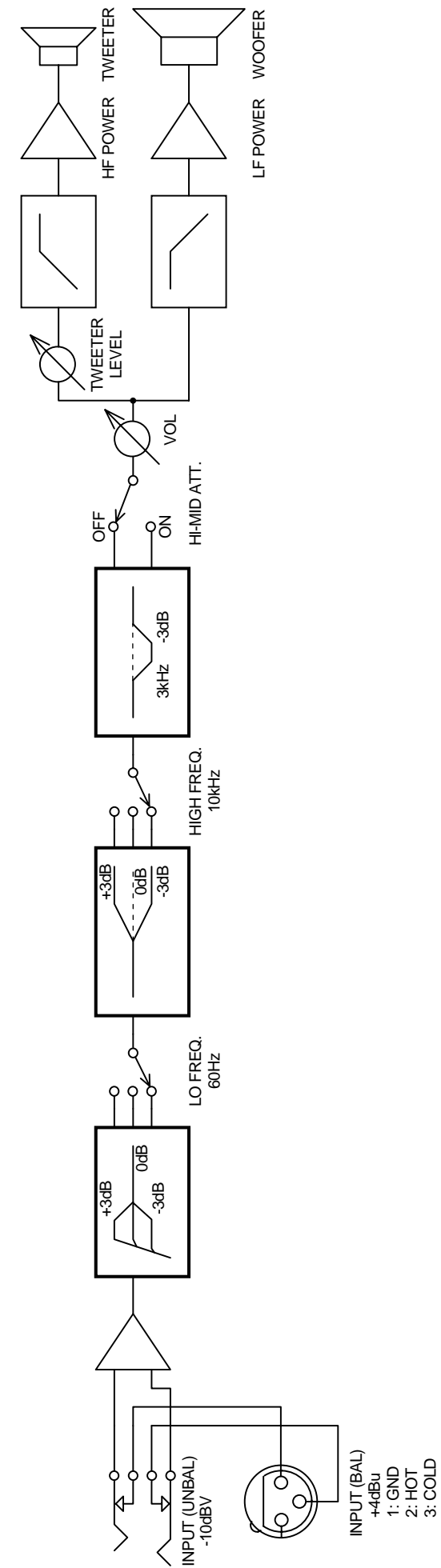
**SAFETY INSTRUCTIONS**

1. Read instructions - All the safety and operating instructions should be read before the appliance is operated.
2. Retain instructions - The safety and operating instructions should be retained for future reference.
3. Heed warnings - All warnings on the appliance and in the operating instructions should be adhered to.
4. Follow instructions - All operating and use instructions should be followed.
5. Water and Moisture - The appliance should not be used near water - for example, near a bathtub, washbowl, kitchen sink, laundry tub, in a wet basement, or near a swimming pool, and the like.
6. Carts and Stands - The appliance should be used only with a cart or stand that is recommended by the manufacturer.
7. Wall or Ceiling Mounting - The appliance should be mounted to a wall or ceiling only as recommended by the manufacturer.
8. Ventilation - The appliance should be situated so that its location or position does not interfere with its proper ventilation. For example, the appliance should not be situated on a bed, sofa, rug, or similar surface that may block the ventilation openings; or, placed in a built-in installation, such as a bookcase or cabinet that may impede the flow of air through the ventilation openings.
9. Heat - The appliance should be situated away from heat sources such as radiators, heat registers, stoves, or other appliances (including amplifiers) that produce heat.
10. Power Sources - The appliance should be connected to a power supply only of the type described in the operating instructions or as marked on the appliance.
11. Grounding or Polarization - The precautions that should be taken so that the grounding or polarization means of an appliance is not defeated.
12. Power Cord Protection - Power supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at plugs, convenience receptacles, and the point where they exit from the appliance.
13. Cleaning - The appliance should be cleaned only as recommended by the manufacturer.
14. Nonuse Periods - The power cord of the appliance should be unplugged from the outlet when left unused for a long period of time.
15. Object and Liquid Entry - Care should be taken so that objects do not fall and liquids are not spilled into the enclosure through openings.
16. Damage requiring Service - The appliance should be serviced by qualified service personnel when:
  - A. The power supply cord or the plug has been damaged; or
  - B. Objects have fallen, or liquid has been spilled into the appliance; or
  - C. The appliance has been exposed to rain; or
  - D. The appliance does not appear to operate normally or exhibits a marked change in performance; or
  - E. The appliance has been dropped, or the enclosure damaged.
17. Servicing - The user should not attempt to service the appliance beyond that described in the operating instructions. All other servicing should be referred to qualified service personnel.



An appliance and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the appliance and cart combination to overturn.

● **NF-1A Block Diagram**



● Input PCB

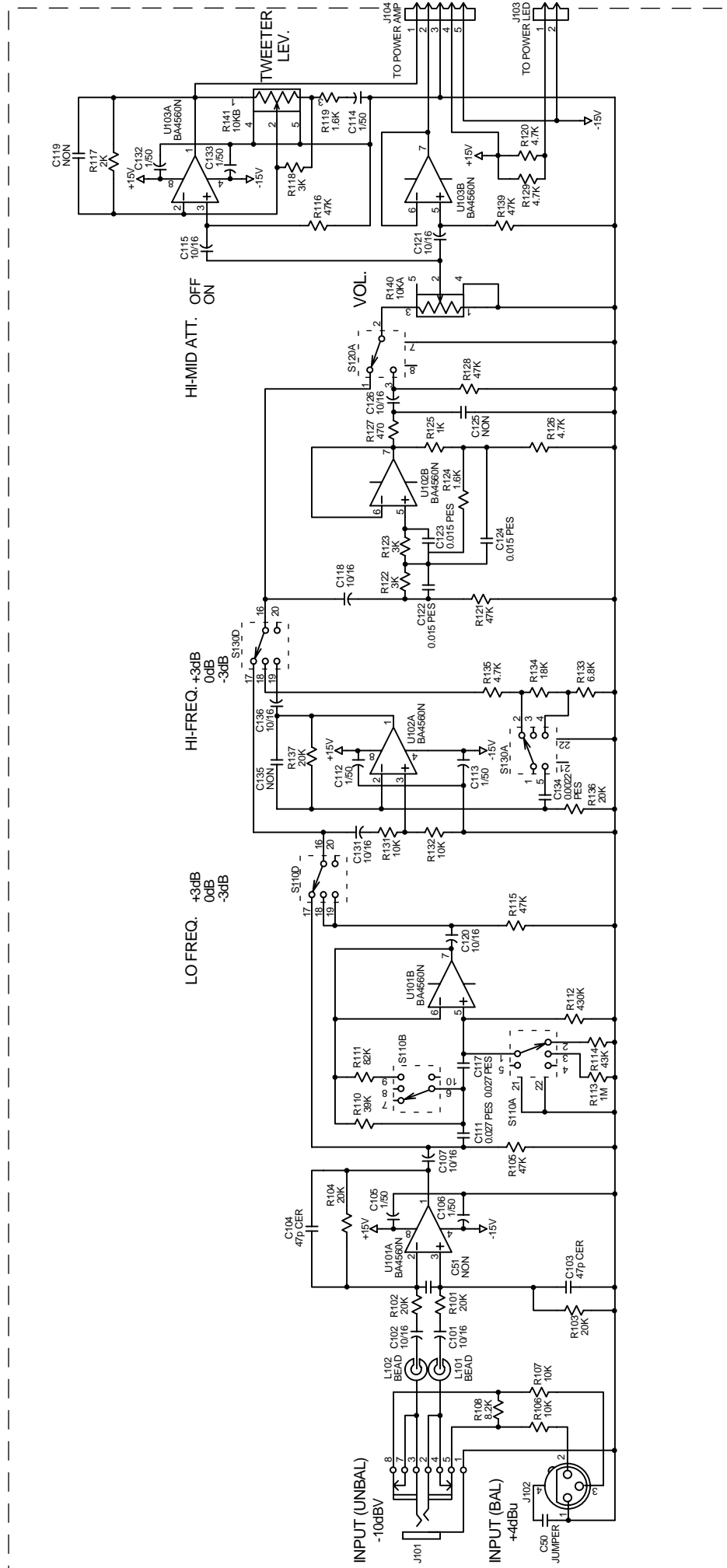


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NOTES

\* Parts List, exploded views and circuit diagrams are given in this manual to assist the service technician in maintaining the Model NF-1 & NF-1A.

\* The following accessories are supplied with NF-1 as the standard accessories.

NF-1 owner's manual	: 8288457000 (for export & domestic model)
NF-1A owner's manual	: 8288459000 (for export model)
	: 8288460000 (for domestic model)

\* Following is the packing material for the Model NF-1.

Carton, inner, 3 pads, NF-1	: 8228739000
Carton, outer, NF-1	: 8228917000
Sheet, mirror	: 8216729000

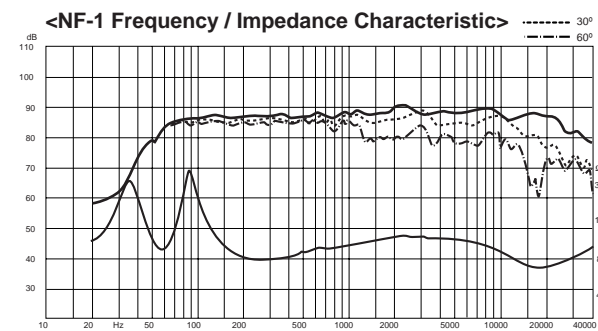
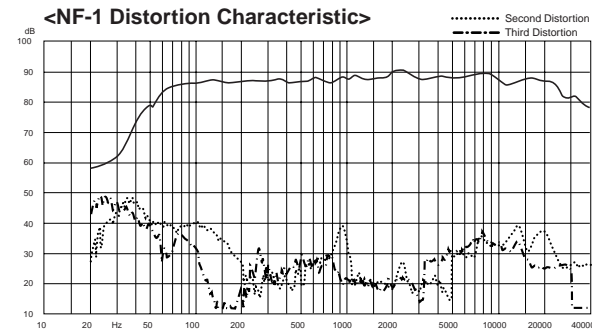
\* Following is the packing material for the Model NF-1A.

Carton, inner, NF-1A	: 8228738000
Carton, outer, NF-1A	: 8228916000
Packing, side, NF-1A	: 8228466001
Packing, front, NF-1A	: 8228466002
Sheet, mirror	: 8216729000

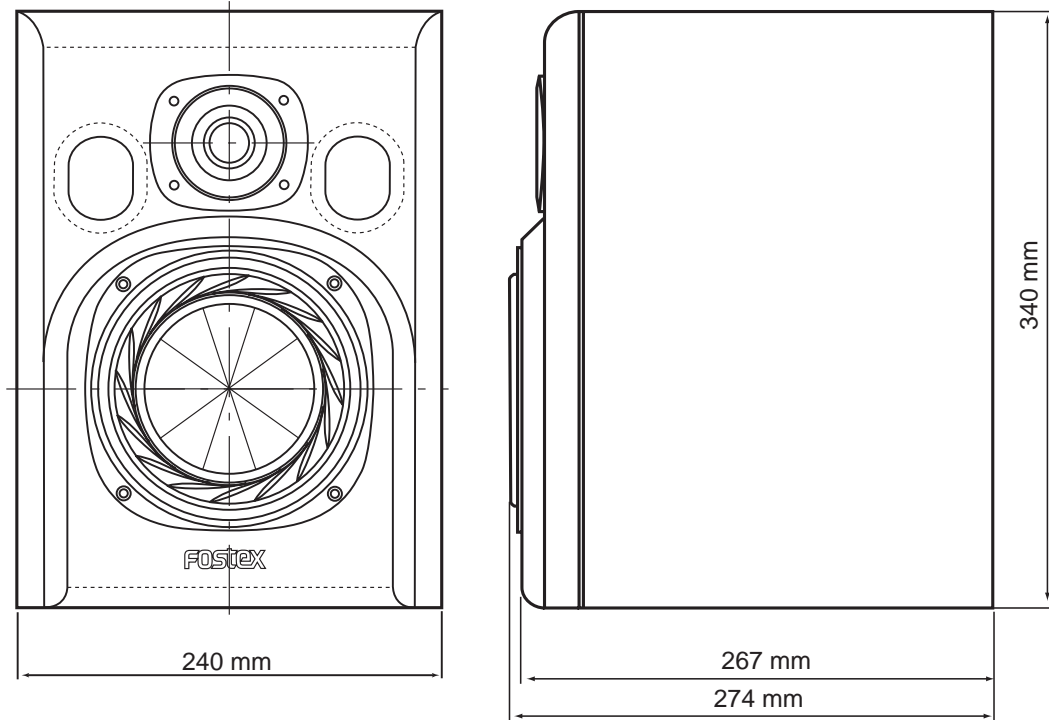
# 1. SPECIFICATIONS

## ● NF-1

<b>Enclosure system</b>	2-way bass-reflex system
<b>Drivers</b>	160 mm HP woofer x 1 (low-leakage type) 20 mm Soft-Dome tweeter x 1 (low-leakage type)
<b>Impedance</b>	8 Ω
<b>Frequency Response</b>	50 Hz ~ 40 kHz
<b>Crossover Frequency</b>	10 kHz
<b>Sound Pressure Level</b>	89 dB/W (1 m)
<b>Input (Program)</b>	120 W
<b>Enclosure volume</b>	11 liters
<b>Weight</b>	Approx. 9.1 kg



## ● NF-1 Dimensions



Specifications and physical appearance are subject to change without notice for product improvement.

# 4. CIRCUIT & BLOCK DIAGRAMS

## ● Power Amp & SW PCB

