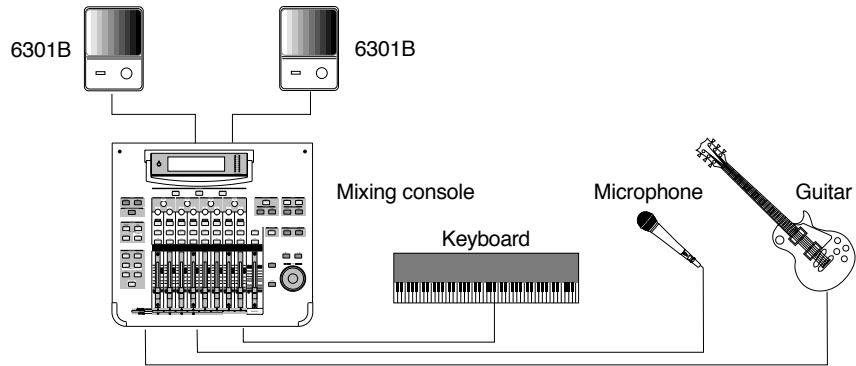


## Typical Connections

In most applications, line level signals from mixers such as the FOSTEX Multitracker will be used to drive the 6301B Personal Monitor.



## Connections Typiques

Dans la plupart des applications seront connectés des signaux au niveau ligne tels qu'issus de mélangeurs ou l'enregistreur multipistes de FOSTEX.

## Specifications

### Speaker section

|                             |                             |
|-----------------------------|-----------------------------|
| Type                        | 10cm full range single cone |
| Impedance                   | 4Ω                          |
| Output sound pressure level | 84dB (W/m)                  |
| Frequency range             | 80Hz ~ 13kHz                |

### Amplifier section (EXT SP jack)

|  |   |
|--|---|
| Output   | Higher than 10W RMS (8Ω load)   |
| Freq. range                                    | 20Hz ~ 50kHz (0dB, -3dB)  |
| Distortion                                     | 0.05% at 1W output  |
| Residual noise                                 | -70dBV (0.3mV)  |
| Minimum input sensitivity (for maximum output) | Unbalanced Type: -6dBV (0.5V RMS)<br>Balanced Type: +4dBm (1.2V RMS)                            |
| Input impedance                                | Unbalanced Type: Higher than 20kΩ<br>Balanced Type: Higher than 10kΩ                            |
| Mains power                                    | 120VAC 60Hz (USA/Canada) 33W<br>230V ~ 50/60Hz (Europe) 33W<br>240V ~ 50Hz (U.K./Australia) 33W |

|                   |                                |
|-------------------|--------------------------------|
| <b>Dimensions</b> | 188 (H) x 120 (W) x 118 (D) mm |
| <b>Weight</b>     | 3.0kg (6.6 lbs)                |

Rating and physical appearance subject to change without prior notice.

**FOR HOUSEHOLD USE ONLY.**

## Specifications

### Haut Parleur (Interne)

|                          |                  |
|--------------------------|------------------|
| Type:                    | 10cm range bande |
| Impedance:               | 4 ohms           |
| Niveau d'Entrée Nominal: | -10dBv           |
| Bande Passante:          | 80Hz - 13kHz     |

### Amplificateur

|                      |  |
|----------------------|--|
| Puissance de Sortie: | > 10W RMS (sous 8 ohms)  |
| Bande Passante:      | 20Hz ~ 50kHz, 0dB, -3dB  |
| Distortion:          | 0.05% (a 1W)   |
| Bruit de Fond:       | -70dBv (0.3mV)   |
| Sensibilité Mini:    | Non-balancée Type: -6dBV (0.5V RMS)<br>Balancée Type: +4dBm (1.2V RMS) |
| Impédance d'Entrée:  | Non-balancée Type: > 20k ohms<br>Balancée Type: > 10k ohms             |

|               |   |
|---------------|---|
| Alimentation: | 120VAC 60Hz (USA/Canada) 33W<br>230V - 50/60Hz (Europe) 33W<br>240V - 50Hz (R.U./Australie) 33W |
|---------------|---|

|                    |                                     |
|--------------------|-------------------------------------|
| <b>Dimensions:</b> | 188 (H) x 120 (L) x 118 (P) millim. |
| <b>Poids:</b>      | 3kg                                 |

Les caractéristiques et l'apparence physique sont sujettes à modifications sans préavis.

**USAGE DOMESTIQUE SEULEMENT.**

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# Model 6301B Modèle 6301B

**PERSONAL MONITOR Self-Powered**



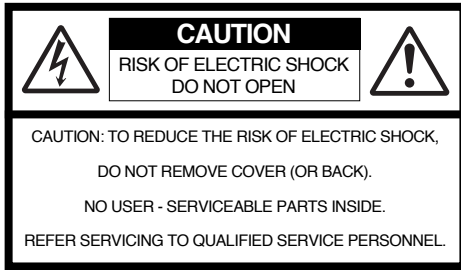
## Owner's Manual

Fostex Model 6301B Personal Monitor Speaker can perfectly handle a wide variety of monitoring applications. It can monitor any level of line signals. The Model 6301B can be directly connected to the outputs of tape recorders and electronic musical instruments, or through recording mixers and multitrackers. There are Two Versions in the Model 6301B. The one is the Balanced Type equipped with both 1/4 inch Phone Jack and Cannon Type Jack. The other one is the Unbalanced Type equipped with 1/4 inch Phone Jack only.

## Manuel d'Utilisation

Le haut-parleur de contrôle personnel modèle 6301B de Fostex est parfaitement adapté à un large éventail d'applications de contrôle. Il est capable de capter tout niveau de signaux de ligne. Le modèle 6301B peut être directement raccordé à la sortie de magnétophones et d'instruments de musique électroniques ou via des tables de mixage et des systèmes multipistes. Le modèle 6301B existe en deux versions. La première version est le type compensé avec prise casque 1/4 pouce et prise type encastré. L'autre version est le type non compensé avec prise casque 1/4 pouce uniquement.


**Fostex**



## "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.
- 
- 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.
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.

### 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.

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.
18. The appliance should be situated away from drops of water or spray of water.
19. Objects containing liquid such as vase must not be put on the appliance.
20. The appliance is not completely isolated from the power supply even if the power switch is at off position.

## Notes on Operating

The front panel volume control must always be set to minimum when switching on the monitor amplifier or plugging the cable into the input jack. The volume control is then advanced to a comfortable listening level. The internal power amplifier is protected against overloading, such as at short term accidental short circuiting when an external speaker is plugged into the rear panel jack, by an automatic recovery protection circuit.

### A.C. Power Source

Fostex Model 6301B can be used in any location where AC voltage is. Please refer to specifications for details. The LED will light to indicate the operating mode when the power switch is pushed ON.

### Sound Volume

A control knob for adjusting the sound level is provided on the front panel. With the control knob turned full clockwise, maximum output is obtained by 0.5V (-6dBV), or in the Balanced Type, by 1.2V (+4dBm), respectively, at the input jack.

### Input and Ext SP

The INPUT and EXT SP inputs are the standard 1/4 inch phone jacks. The Balanced Type, in addition, have a Cannon connector the rated input level is -10dBV and is +4dBm for the Balanced Type. The internal power amplifier can drive an external speaker via the EXT SP jack.

### Operating Method

Line level signals from the Fostex recording mixers and multitrackers are sufficient for driving the Model 6301B and can be directly connected to these outputs.

**Note: The internal speaker is disconnected when the Output terminal is engaged.**



## Mode d'emploi

Toujours régler la commande de volume du panneau avant sur minimum avant de commuter sur l'amplificateur de contrôle ou de brancher le câble à la prise d'entrée. Régler ensuite la commande de volume sur le niveau souhaité. L'amplificateur de puissance interne est protégé par un circuit à rétablissement automatique contre les surcharges du type court-circuit accidentel instantané au raccordement d'un haut-parleur externe à la prise arrière.

### Alimentation électrique ca

Le modèle Fostex 6301B peut être utilisé partout où une alimentation AC est disponible. Nous vous prions de vous reporter aux caractéristiques pour les détails. Une diode témoin s'allume pour indiquer la mise sous tension quand l'interrupteur d'alimentation est mis sur ON (marche).

### Volume du son

Le bouton de commande du volume du son se trouve à l'avant. En position à fond à droite, la puissance maxi obtenue au jack d'entrée est de 0.5V (-6dBV) ou de 1.2V (+4dBm) pour le modèle type compensé.

### Entrées INPUT et EXT SP

Les entrées INPUT et EXT SP sont des prises casque standards 1/4 pouce. Le modèle de type compensé est de plus pourvu d'un connecteur encastré. Le niveau d'entrée nominal est de -10dBV pour le modèle non compensé et de +4dBm pour le modèle compensé. L'amplificateur de puissance interne peut également commander un haut-parleur externe par raccordement à la prise EXT SP.

### Mode opératoire

Les signaux de niveau de ligne des tables de mixage et des systèmes multipistes Fostex sont suffisants pour commander le modèle 6301B et peuvent être raccordés directement à ces sorties.

**Nota:** Le haut-parleur interne est mis hors circuit quand la borne Output (sortie) est engagée.

