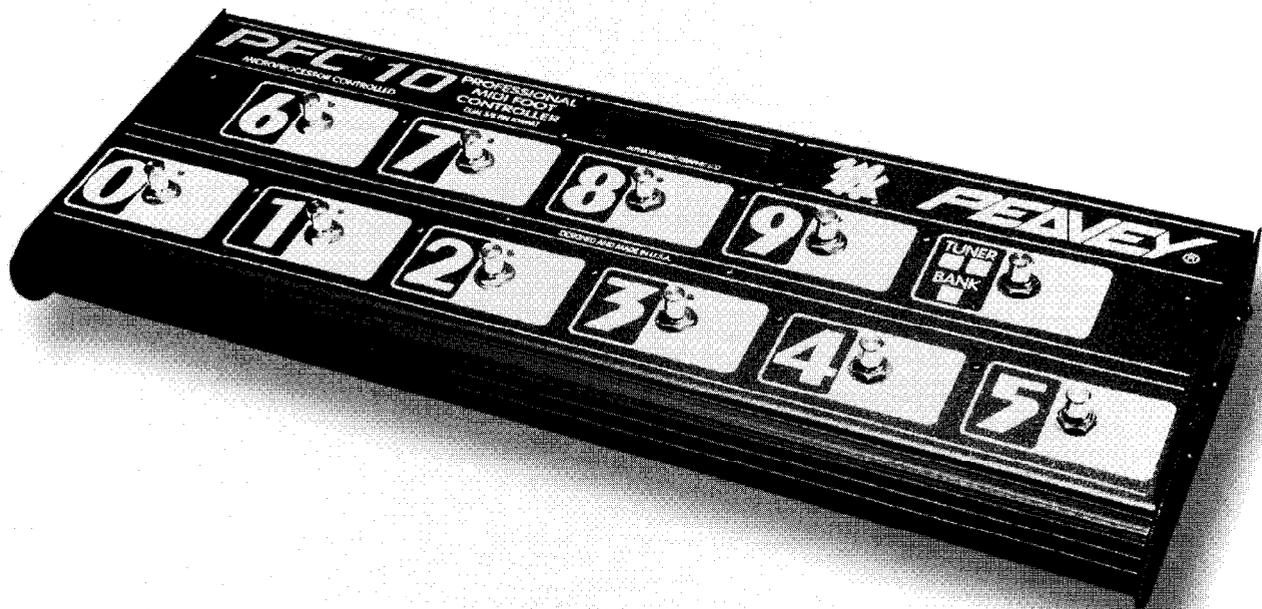


PFC™ 10

PFC 10 PROFESSIONAL
MIDI FOOT CONTROLLER



OPERATING GUIDE



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A 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.

A Intended to alert the user of the presence of important operating and maintenance (servicing) instructions in the literature accompanying the product.

CAUTION: Risk of electrical shock ~ DO NOT OPEN!
CAUTION: To reduce the risk of electric shock, do not remove cover No user-serviceable part\ inside. Refer servicing to qualified service personnel.

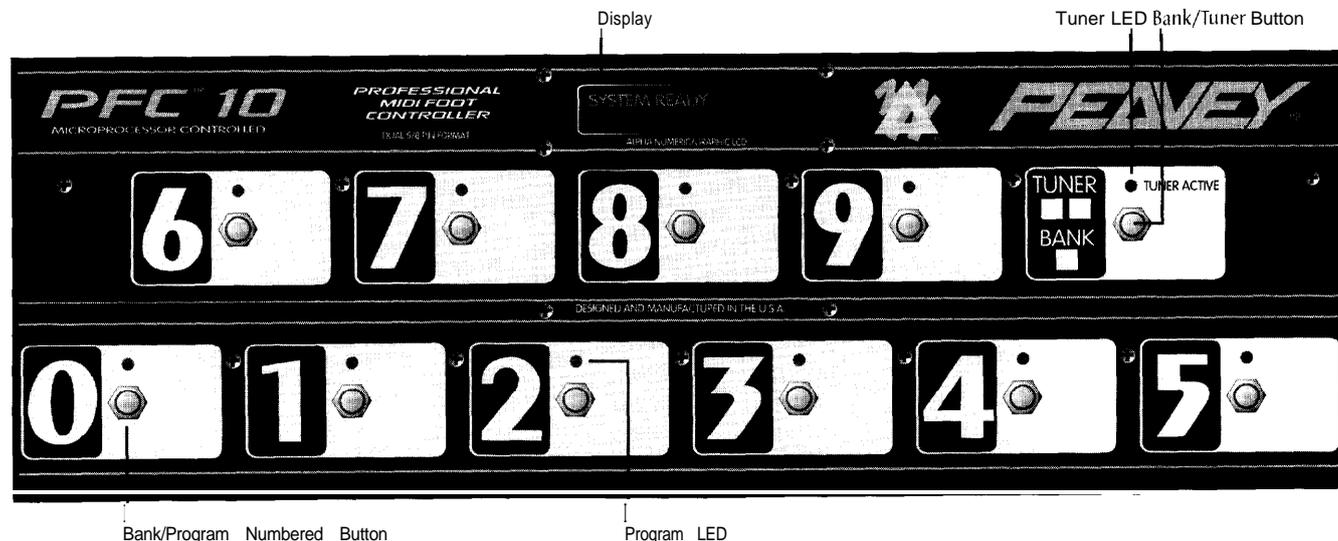
WARNING: To prevent electrical shock or fire hazard, do not expose this appliance to rain or moisture. Before using this appliance, read the operating guide for further warnings.

1.0 INTRODUCTION

Congratulations on your purchase of the PFC™ 10 Professional MIDI Foot Controller. This MIDI foot controller is designed to operate as either a stand-alone MIDI program change and continuous controller, or in conjunction with the Peavey Tube Fex™ or TransFex™ 212 as an intelligent program change and continuous controller.

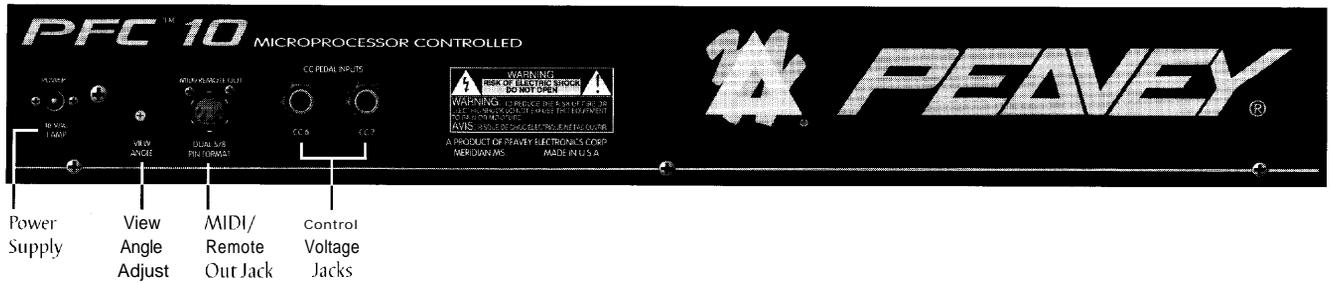
2.0 FEATURES

- **2 buttons**
- 20-character by 2-line LCD display
- **2 inputs for Control Voltage pedals**
- Full **MIDI compatibility (5 pin or 8 pin)**
- "Intelligent" operation **when used with the Peavey Tube Fex (version 1.2 and higher) or TransFex 212**
- **Chromatic tuner displayed on the foot controller's LCD**
- **Phantom power is supplied to the PFC from the Tube Fex or TransFex 212 via the supplied 8-pin MIDI cable**



3.0 FRONT PANEL DESCRIPTIONS

1. **Display**
This is a 20-character by 2-line Liquid Crystal Display (LCD) with variable view angle adjustment for easy visibility.
2. **Tuner LED**
Blinking red indicates that the tuner is active.
3. **Bank/Tuner Button**
Pressing the Bank/Tuner button once selects Bank mode. Then, pressing a "Numbered" button once selects a Bank.
Pressing the Bank/Tuner button twice selects Tuner mode. The LED will begin blinking indicating that the tuner is active. Once tuning has been completed, pressing any switch will return you to the active program
4. **Bank/Program Numbered Buttons**
The Bank/Program numbered buttons are used to select the bank and programs.
5. **Program LEDs**
Indicates the active program



4.0 REAR PANEL DESCRIPTIONS

1. Power Supply

Required when using a 5-pin MIDI cable with MIDI equipment other than the Tube Fex or TransFex 212. Use only the 16-16.5 volt AC 1,000 mA adaptor, Peavey part #70900660, available as an option.

Caution: Use only the optional 16.5 volt power supply for this product. If the (optional) power supply must be replaced, consult an Authorized Peavey Dealer or the factory for the correct replacement. Failure to use the correct power supply could result in fire, shock hazard, extensive circuit damage, decreased performance, and/or non-operation.

2. View Angle Adjustment

This adjusts the view angle of the LCD display to provide the most comfortable viewing angle.

3. MIDI/Remote Out Jack

Used when connecting to an effects unit. Use a standard 5-pin MIDI cable with effects units other than the Peavey Tube Fex or TransFex 212. When using the Tube Fex or TransFex 212, use the 8-pin MIDI cable provided. This will allow you to use the PFC 10 Professional MIDI Foot Controller's "intelligent" operation, and it will connect the PFC 10 to the Phantom power supplied from the Tube Fex or TransFex 212.

4. Control Voltage Jacks

The CC6 jack transmits Controller 6 when used with a CV pedal or potentiometer. Use the CC7 jack to transmit Controller 7 (volume) when used with a CV pedal or potentiometer.

5.0 CONNECTING THE PFC 10 PROFESSIONAL MIDI FOOT CONTROLLER

5.1 WITH THE TUBE FEX OR TRANSFEX 212

When used with the Peavey Tube Fex or TransFex 212, the only connection required is that of the supplied 8-pin DIN cable. This cable provides power from the Tube Fex or TransFex 212 to the foot controller, as well as supporting bidirectional MIDI transmission.

Caution: The 8-pin cable is *not* a standard MIDI cable. It should *not* be used with any equipment *other than* the Tube Fex or TransFex 212. At this time, no MIDI standard exists for the transmission of bidirectional MIDI data and power in a single cable.

5.2 WITH OTHER MIDI EQUIPMENT

When used with MIDI equipment *other than* the Tube Fex or TransFex 212, an optional 16 volt AC 1,000 mA power supply must be used along with a *standard* 5-pin DIN MIDI cable. Plug the MIDI/REMOTE OUT of the foot controller into the MIDI IN of the equipment being controlled.

6.0 USING THE CONTROLLER WITH THE TUBE FEX OR TRANSFEX 212

The PFC 10 Professional MIDI Foot Controller senses when it is connected to a Peavey Tube Fex or TransFex 212. When it is not, it operates in a "Stand-Alone" mode. If you are using the Controller with equipment *other than* the Tube Fex or TransFex 212, skip this section of the manual and go to section 7: USING THE CONTROLLER AS A STAND-ALONE MIDI CONTROLLER.

When you first turn the Tube Fex or TransFex 212 on, the Controller will display the following message for a short time:

```
ENTER MIDI CHANNEL :  
CHANNEL = ??
```

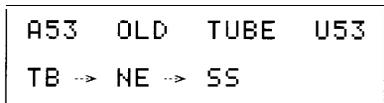
At this time, it is waiting for the rack unit to identify itself and its MIDI CHANNEL number. If the controller is connected to a Tube Fex or TransFex 212, you will not have to do anything, and this screen will clear itself when the rack unit responds. After a few seconds, the controller will be in Program mode.

6.1 PROGRAM CHANGE MODE

In this mode, the controller will transmit program change commands. The programs are arranged in ten banks of ten programs. The ten NUMERIC buttons select the bank and the program within that bank. In this manner, 100 programs can be selected: Banks 0 through 9 each have ten programs.

Forexample: If you are currently on program A4 and wish to change to program A58, press the Bank button *once* and press the 5th numeric button to select bank 5. As soon as you press the 8, Program Change 58 is transmitted. Now, if you press 3, Program Change 53 will be transmitted.

A typical display on the controller will appear as follows:



In the top left corner of the display is a letter followed by a number. The number is the PROGRAM number. This is followed by the name of the PRESET that is currently being played. In the top right corner of the display is a letter followed by a number. This is the PRESET, either User(U) or Factory (F), that is mapped to the current PROGRAM number within the Tube Fex or TransFex 212. The bottom line of the display reflects the effect chain currently being played.

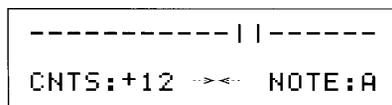
6.2 PERFORMANCE TIP/MIDI MAPPING

The Tube Fex and TransFex 212 are designed to easily allow any preset to be mapped to any program. A good way to set up this Program Map is to arrange the presets in order of use. Read the Tube Fex or TransFex 212 owner's manual section about MIDI mapping.

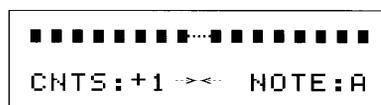
For example: If you have favorite lead and rhythm presets, map them to A0 and A1. Then map other special presets to A2, A3, etc. These will correspond to number switches 0, 1, 2, and 3, respectively, for Bank 0. If you will be using more than ten presets, map them to A10, A11, A12, etc., which will correspond to Bank 1, number switches 0, 1, 2, etc. You can also map a preset to multiple locations, such as A0, A10, A20, etc., which lets you map your favorite presets to different banks along with special presets. The Tube Fex and TransFex 212 each have two (internal) banks of 128 programs (A,B) so these can be set up for different sets throughout the gig. Furthermore, RAM CARTRIDGES can be programmed with more program banks.

6.3 TUNER MODE

To enter Tuner mode at any time, press the Bank/Tuner button twice. A chromatic tuner will be displayed in the foot controller's display:



Note is > 2 cents of being in tune.



Note is ≤ 2 cents of being in tune.

The display on the right shows a note that is, essentially, tuned. The display on the left shows a note that is a little sharp and should be adjusted. Since the bar moves as it tracks the note, this display could also show the bar far to the left with a cents value of CNTS:-35. This would indicate that the note was flat.

7.0 USING THE CONTROLLER AS A STAND-ALONE MIDI CONTROLLER

All messages transmitted by the PFC 10 Professional MIDI Foot Controller are standard MIDI messages. When used with a standard, 5-pin MIDI DIN cable, the controller will transmit Program and CV messages.

Each time you turn the foot controller on, you need to set the MIDI channel that the foot controller will transmit on. The following message will appear:

```
ENTER MIDI CHANNEL :  
CHANNEL = ??
```

Select the appropriate channel by pressing the numeric buttons.

The PFC 10 Professional MIDI Foot Controller sends MIDI Program Change messages in the Program Change mode. Programs are arranged in ten banks of ten programs as previously described.

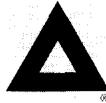
For example: If you are currently on program 4 and wish to change to program 58, press the Bank/Tuner button *once* and then press the 5th numeric button for Bank 5. As soon as you press the 8, Program Change 58 is transmitted. Now, if you press 3, Program Change 53 will be transmitted. The LEDs will show the active program number and the display will show the current bank/program, as follows:

```
STAND-ALONE MODE :  
PROGRAM = 5 3
```

8.0 MIDI IMPLEMENTATION

MIDI Channel: 1-16 user selectable in STAND-ALONE mode, automatically set when used with Tube Fex or TransFex 212.

**For further information on other Peavey products, ask
your Authorized Peavey Dealer for the appropriate
Peavey catalog/publication.**



**Bass Guitars
Guitars
Bass Amplification
Guitar Amplification
Sound Reinforcement Enclosures
Microphones
Keyboards
DJ
Lighting
Mixers, Powered/Non-Powered
Accessories/Cables
Effects Processors
Access™ Wear
The Peavey Beat™
Monitor@ Magazine
Key Issues™
Low Down™
PM™ Magazine**

THIS LIMITED WARRANTY VALID ONLY WHEN PURCHASED AND REGISTERED IN THE UNITED STATES OR CANADA. ALL EXPORTED PRODUCTS ARE SUBJECT TO WARRANTY AND SERVICES TO BE SPECIFIED AND PROVIDED BY THE AUTHORIZED DISTRIBUTOR FOR EACH COUNTRY.

Ces clauses de garantie ne sont valables qu'aux Etats-Unis et au Canada. Dans tout les autres pays, les clauses de garantie et de maintenance sont fixees par le distributeur national et assuree par lui selon la legislation en vigueur. . . Diese Garantie ist nur in den USA and Kanada gultig. Alle Export-Produkte sind der Garantie und dem Service des Importeurs des jeweiligen Landes unterworfen. . . Esta garantia es valida solamente cuando el producto es comprado en E.U. continentales o en Canada. Todos los productos que sean comprados en el extranjero, estan sujetos a las garantias y servicio que cada distribuidor autorizado determine y ofrezca en los diferentes paises.

PEAVEY ONE-YEAR LIMITED WARRANTY/REMEDY

PEAVEY ELECTRONICS CORPORATION ("PEAVEY") warrants this product, EXCEPT for covers, footswitches, patchcords, tubes and meters, to be free from defects in material and workmanship for a period of one (1) year from date of purchase, PROVIDED, however, that this limited warranty is extended only to the original retail purchaser and is subject to the conditions, exclusions, and limitations hereinafter set forth:

PEAVEY 90-DAY LIMITED WARRANTY ON TUBES AND METERS

If this product contains tubes or meters, Peavey warrants the tubes or meters contained in the product to be free from defects in material and workmanship for a period of ninety (90) days from date of purchase; PROVIDED, however, that this limited warranty is extended only to the original retail purchaser and is also subject to the conditions, exclusions, and limitations hereinafter set forth.

CONDITIONS, EXCLUSIONS, AND LIMITATIONS OF LIMITED WARRANTIES

These limited warranties shall be void and of no effect, if:

- a. The first purchase of the product is for the purpose of resale; or
- b. The original retail purchase is not made from an AUTHORIZED PEAVEY DEALER; or
- c. The product has been damaged by accident or unreasonable use, neglect, improper service or maintenance, or other causes not arising out of defects in material or workmanship; or
- d. The serial number affixed to the product is altered, defaced, or removed.

In the event of a defect in material and/or workmanship covered by this limited warranty, Peavey will:

- a. In the case of tubes or meters, replace the defective component without charge.
- b. In other covered cases (i.e., cases involving anything other than covers, footswitches, patchcords, tubes or meters), repair the defect in material or workmanship or replace the product, at Peavey's option; and provided, however, that, in any case, all costs of shipping, if necessary, are paid by you, the purchaser.

THE WARRANTY REGISTRATION CARD SHOULD BE ACCURATELY COMPLETED AND MAILED TO AND RECEIVED BY PEAVEY WITHIN FOURTEEN (14) DAYS FROM THE DATE OF YOUR PURCHASE.

In order to obtain service under these warranties, you must:

- a. Bring the defective item to any PEAVEY AUTHORIZED DEALER or AUTHORIZED PEAVEY SERVICE CENTER and present therewith the ORIGINAL PROOF OF PURCHASE supplied to you by the AUTHORIZED PEAVEY DEALER in connection with your purchase from him of this product. If the DEALER or SERVICE CENTER is unable to provide the necessary warranty service you will be directed to the nearest other PEAVEY AUTHORIZED DEALER or AUTHORIZED PEAVEY SERVICE CENTER which can provide such service.

OR

- b. Ship the defective item, prepaid, to:

PEAVEY ELECTRONICS CORPORATION
International Service Center
326 Hwy. 11 & 80 East
Meridian, MS 39301

including therewith a complete, detailed description of the problem, together with a legible copy of the original PROOF OF PURCHASE and a complete return address. Upon Peavey's receipt of these items: If the defect is remedial under these limited warranties and the other terms and conditions expressed herein have been complied with, Peavey will provide the necessary warranty service to repair or replace the product and will return it, FREIGHT COLLECT, to you, the purchaser.

Peavey's liability to the purchaser for damages from any cause whatsoever and regardless of the form of action, including negligence, is limited to the actual damages up to the greater of \$500.00 or an amount equal to the purchase price of the product that caused the damage or that is the subject of or is directly related to the cause of action. Such purchase price will be that in effect for the specific product when the cause of action arose. This limitation of liability will not apply to claims for personal injury or damage to real property or tangible personal property allegedly caused by Peavey's negligence. Peavey does not assume liability for personal injury or property damage arising out of or caused by a non-Peavey alteration or attachment, nor does Peavey assume any responsibility for damage to interconnected non-Peavey equipment that may result from the normal functioning and maintenance of the Peavey equipment.

UNDER NO CIRCUMSTANCES WILL PEAVEY BE LIABLE FOR ANY LOST PROFITS, LOST SAVINGS, ANY INCIDENTAL DAMAGES, OR ANY CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PRODUCT, EVEN IF PEAVEY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

THESE LIMITED WARRANTIES ARE IN LIEU OF ANY AND ALL WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR USE; PROVIDED, HOWEVER, THAT IF THE OTHER TERMS AND CONDITIONS NECESSARY TO THE EXISTENCE OF THE EXPRESSED, LIMITED WARRANTIES, AS HEREINABOVE STATED, HAVE BEEN COMPLIED WITH, IMPLIED WARRANTIES ARE NOT DISCLAIMED DURING THE APPLICABLE ONE-YEAR OR NINETY-DAY PERIOD FROM DATE OF PURCHASE OF THIS PRODUCT.

SOME STATES DO NOT ALLOW LIMITATION ON HOW LONG AN IMPLIED WARRANTY LASTS, OR THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATIONS OR EXCLUSIONS MAY NOT APPLY TO YOU. THESE LIMITED WARRANTIES GIVE YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH MAY VARY FROM STATE TO STATE.

THESE LIMITED WARRANTIES ARE THE ONLY EXPRESSED WARRANTIES ON THIS PRODUCT, AND NO OTHER STATEMENT, REPRESENTATION, WARRANTY, OR AGREEMENT BY ANY PERSON SHALL BE VALID OR BINDING UPON PEAVEY.

In the event of any modification or disclaimer of expressed or implied warranties, or any limitation of remedies, contained herein conflicts with applicable law, then such modification, disclaimer or limitation, as the case may be, shall be deemed to be modified to the extent necessary to comply with such law.

Your remedies for breach of these warranties are limited to those remedies provided herein and Peavey Electronics Corporation gives this limited warranty only with respect to equipment purchased in the United States of America.

INSTRUCTIONS -WARRANTY REGISTRATION CARD

1. Mail the completed WARRANTY REGISTRATION CARD to:

PEAVEY ELECTRONICS CORPORATION
P.O. BOX 2898
Meridian, MS 39302-2898

- a. Keep the PROOF OF PURCHASE. In the event warranty service is required during the warranty period, you will need this document. There will be no identification card issued by Peavey Electronics Corporation.
2. IMPORTANCE OF WARRANTY REGISTRATION CARDS AND NOTIFICATION OF CHANGES OF ADDRESSES:
 - a. Completion and mailing of WARRANTY REGISTRATION CARDS — Should notification become necessary for any condition that may require correction, the REGISTRATION CARD will help ensure that you are contacted and properly notified
 - b. Notice of address changes — If you move from the address shown on the WARRANTY REGISTRATION CARD, you should notify Peavey of the change of address so as to facilitate your receipt of any bulletins or other forms of notification which may become necessary in connection with any condition that may require dissemination of information or correction.
3. You may contact Peavey directly by telephoning (601) 483-5365.

IMPORTANT SAFETY INSTRUCTIONS

WARNING: When using electric products, basic cautions should always be followed, including the following:

1. Read all safety and operating instructions before using this product.
2. All safety and operating instructions should be retained for future reference.
3. Obey all cautions in the operating instructions and on the back of the unit.
4. All operating instructions should be followed.
5. This product should not be used near water, i.e., a bathtub, sink, swimming pool, wet basement, etc.
6. This product should be located so that its position does not interfere with its proper ventilation. It should not be placed flat against a wall or placed in a built-in enclosure that will impede the flow of cooling air.
7. This product should not be placed near a source of heat such as a stove, radiator, or another heat producing amplifier.
8. Connect only to a power supply of the type marked on the unit adjacent to the power supply cord.
9. Never break off the ground pin on the power supply cord. For more information on grounding, write for our free booklet "Shock Hazard and Grounding."
10. Power supply cords should always be handled carefully. Never walk or place equipment on power supply cords. Periodically check cords for cuts or signs of stress, especially at the plug and the point where the cord exits the unit.
11. The power supply cord should be unplugged when the unit is to be unused for long periods of time.
12. If this product is to be mounted in an equipment rack, rear support should be provided.
13. Metal parts can be cleaned with a damp rag. The vinyl covering used on some units can be cleaned with a damp rag or an ammonia-based household cleaner if necessary. Disconnect unit from power supply before cleaning.
14. Care should be taken so that objects do not fall and liquids are not spilled into the unit through the ventilation holes or any other openings.
15. This unit should be checked by a qualified service technician if:
 - a. The power supply cord or plug has been damaged.
 - b. Anything has fallen or been spilled into the unit.
 - c. The unit does not operate correctly.
 - d. The unit has been dropped or the enclosure damaged.
16. The user should not attempt to service this equipment. All service work should be done by a qualified service technician.
17. This product should be used only with a cart or stand that is recommended by Peavey Electronics.
18. Exposure to extremely high noise levels may cause a permanent hearing loss. Individuals vary considerably in susceptibility to noise induced hearing loss, but nearly everyone will lose some hearing if exposed to sufficiently intense noise for a sufficient time. The U.S. Government's Occupational Safety and Health Administration (OSHA) has specified the following permissible noise level exposures.

Duration Per Day In Hours	Sound Level dBA, Slow Response
8	90
6	92
4	95
3	97
2	100
1 1/2	102
1	105
1/2	110
1/4 or less	115

According to OSHA, any exposure in excess of the above permissible limits could result in some hearing loss.

Ear plugs or protectors in the ear canals or over the ears must be worn when operating this amplification system in order to prevent a permanent hearing loss if exposure is in excess of the limits as set forth above. To ensure against potentially dangerous exposure to high sound pressure levels, it is recommended that all persons exposed to equipment capable of producing high sound pressure levels such as this amplification system be protected by hearing protectors while this unit is in operation.

SAVE THESE INSTRUCTIONS!



Features and specifications subject to change without notice.

Peavey Electronics Corporation 711 A Street / Meridian, MS 39301 / U.S.A. / (601) 483-5365 / Fax 486-1278

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