

# **Cover for TKO® 115**



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.



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 parts 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.



Este símbolo tiene el propósito de alertar al usuario de la presencia de "(voltaje) peligroso" que no tiene aislamiento dentro de la caja del producto que puede tener una magnitud suficiente como para constituir riesgo de corrientazo.



Este símbolo tiene el propósito de alertar al usuario de la presencia de instrucciones importantes sobre la operación y mantenimiento en la literatura que viene con el producto.

**PRECAUCION:** Riesgo de corrientazo – No abra.

**PRECAUCION:** Para disminuir el riesgo de corrientazo, no abra la cubierta. No hay piezas adentro que el usuario pueda reparar. Deje todo mantenimiento a los técnicos calificados.

**ADVERTENCIA:** Para evitar corrientazos o peligro de incendio, no deje expuesto a la lluvia o humedad este aparato. Antes de usar este aparato, lea más advertencias en la guía de operación.



Ce symbole est utilisé pour indiquer à l'utilisateur la présence à l'intérieur de ce produit de tension non-isolée dangereuse pouvant être d'intensité suffisante pour constituer un risque de choc électrique.



Ce symbole est utilisé pour indiquer à l'utilisateur qu'il ou qu'elle trouvera d'importantes instructions sur l'utilisation et l'entretien (service) de l'appareil dans la littérature accompagnant le produit.

**ATTENTION:** Risques de choc électrique – NE PAS OUVRIR!

**ATTENTION:** Afin de réduire le risque de choc électrique, ne pas enlever le couvercle. Il ne se trouve à l'intérieur aucune pièce pouvant être réparée par l'utilisateur. Confier l'entretien à un personnel qualifié.

**AVERTISSEMENT:** Afin de prévenir les risques de décharge électrique ou de feu, n'exposez pas cet appareil à la pluie ou à l'humidité. Avant d'utiliser cet appareil, lisez les avertissements supplémentaires situés dans le guide.



Dieses Symbol soll den Anwender vor unisolierten gefährlichen Spannungen innerhalb des Gehäuses warnen, die von Ausreichender Stärke sind, um einen elektrischen Schlag verursachen zu können.

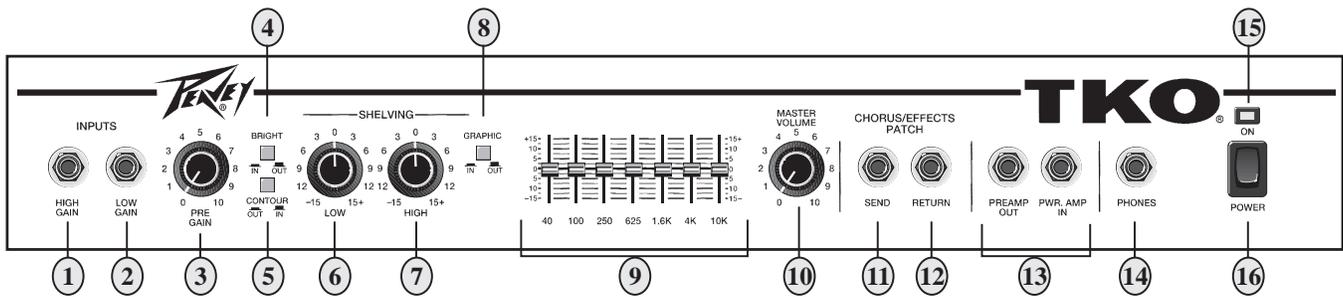


Dieses Symbol soll den Benutzer auf wichtige Instruktionen in der Bedienungsanleitung aufmerksam machen, die Handhabung und Wartung des Produkts betreffen.

**VORSICHT:** Risiko – Elektrischer Schlag! Nicht öffnen!

**VORSICHT:** Um das Risiko eines elektrischen Schlages zu vermeiden, nicht die Abdeckung entfernen. Es befinden sich keine Teile darin, die vom Anwender repariert werden könnten. Reparaturen nur von qualifiziertem Fachpersonal durchführen lassen.

**ACHTUNG:** Um einen elektrischen Schlag oder Feuergefahr zu vermeiden, sollte dieses Gerät nicht dem Regen oder Feuchtigkeit ausgesetzt werden. Vor Inbetriebnahme unbedingt die Bedienungsanleitung lesen.



## HIGH GAIN INPUT (1)

Used for most electric basses. It is 6 dB louder than the Low Gain Input.

## LOW GAIN INPUT (2)

Provided for instruments that have extremely high outputs, which can result in overdriving (distorting) the High Gain Input. If both inputs are used simultaneously, the output levels are the same (both are High Gain).

## PRE GAIN (3)

Controls the input gain of the preamplifier.

## BRIGHT SWITCH (4)

Provides a preset boost (+10 dB) to treble frequencies. To activate, depress the switch to its "in" position.

## CONTOUR SWITCH (5)

Defeats the preset special EQ curve when pushed in.

## LOW FREQUENCY EQ (6)

An active tone control (shelving type,  $\pm 15$  dB) that varies the low frequency boost or cut.

**OPERATION NOTE:** Excessive EQ boost, especially of the low frequencies, increases the possibility of speaker damage, and sacrifices valuable headroom.

## HIGH EQ CONTROL (7)

An active tone control (shelving type,  $\pm 15$  dB) that varies the high frequency boost or cut.

## GRAPHIC SELECT (8)

The "in" position of this switch routes the instrument signal through the 7-band equalizer. The "out" position removes the graphic equalizer from the signal path.

## GRAPHIC EQUALIZER (9)

This seven-band, one octave equalizer provides  $\pm 15$  dB of boost or cut at each center frequency.

## MASTER VOLUME (10)

Controls the overall volume level of the amplifier. The final level adjustment should be made after the desired sound has been achieved.

## CHORUS/EFFECTS SEND (11)

High pass output above 200 Hz for supplying signals to external effects or signal processing equipment.

## EFFECTS RETURN (12)

Provided for patching an effects device output back into the mixer. May also be used as an independently variable auxiliary input.

## PREAMP OUT/POWER AMP IN (13)

These jacks are provided for in-line patching of effects devices. To patch an effects unit, connect the Preamp Output to the Input of the device. Next, connect the output of the device to the Power Amp Input (high-quality shielded cables must be used for these connections). The Preamp Output can also be used to route the amplified signal to a mixing console, tape recorder, etc. Connect the Preamp Output, using a shielded cable, to an input of the tape recorder, mixer, etc. This patch does not affect the operation of the amplifier.

**NOTE:** The preamp output level is approximately 1 volt RMS and is of relatively low impedance (600 ohms). Any effects device used in this effects loop must be capable of receiving 1 volt input and providing 1 volt output in order to properly drive the power amp. The Power Amp Input has an internal switch which disconnects the internal preamp.

## HEADPHONE JACK (14)

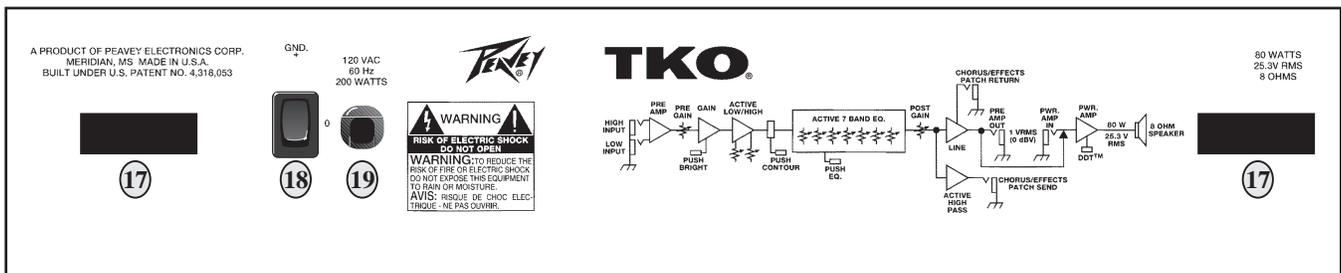
This stereo jack allows signal to flow to both sides of any stereo headset.

## POWER LED (15)

Illuminates when AC power is being supplied to the amp.

## POWER SWITCH (16)

Depress to "On" position to turn on.



## LINE (MAINS) CORD RETAINERS (17)

Allow storage of mains cable for travel.

## GROUND SWITCH (18)

Three position rocker-type switch which, in most applications, should be operated in its center or zero position. There may be some situations when audible hum and/or noise will come from the loudspeaker. If this situation arises, position the ground switch to either positive or negative (+ or -) or until the noise is minimized.

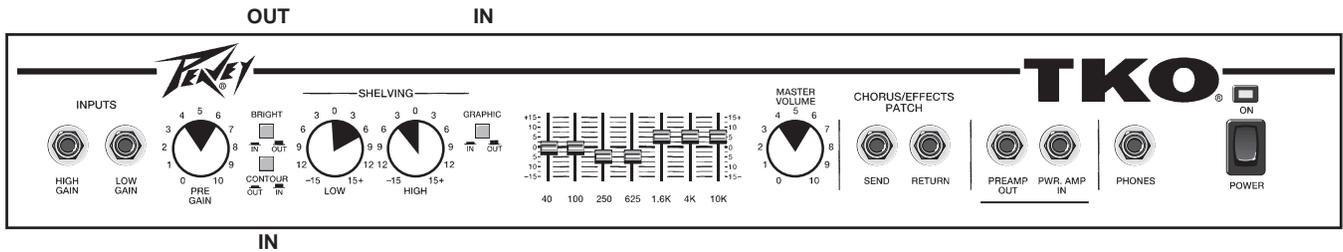
**NOTE:** Should the noise problem continue, consult your Authorized Peavey Dealer, the Peavey Factory, or a qualified service technician. THE GROUND SWITCH IS NOT FUNCTIONAL ON 220/240 VOLT MODELS.

## LINE CORD (120 V PRODUCTS ONLY) (19)

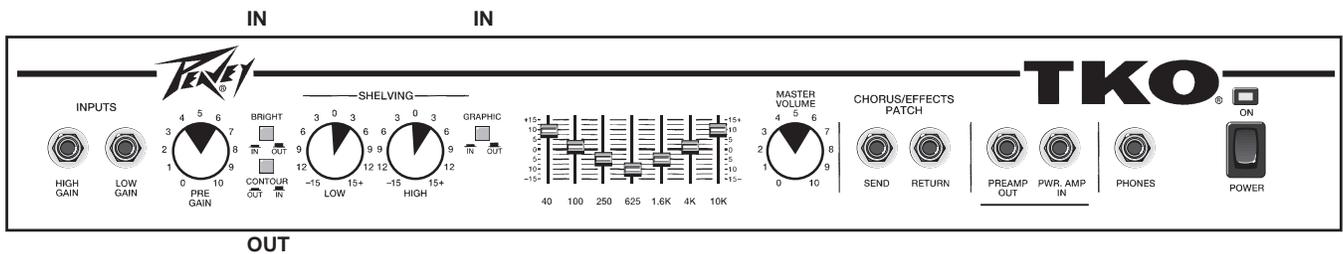
For your safety, we have incorporated a three-wire line (mains) cable with proper grounding facilities. It is not advisable to remove the ground pin under any circumstances. If it is necessary to use the equipment without proper grounding facilities, suitable grounding adaptors should be used. Less noise and greatly reduced shock hazard exists when the unit is operated with the proper grounded receptacles.

# TKO TONE SETTINGS

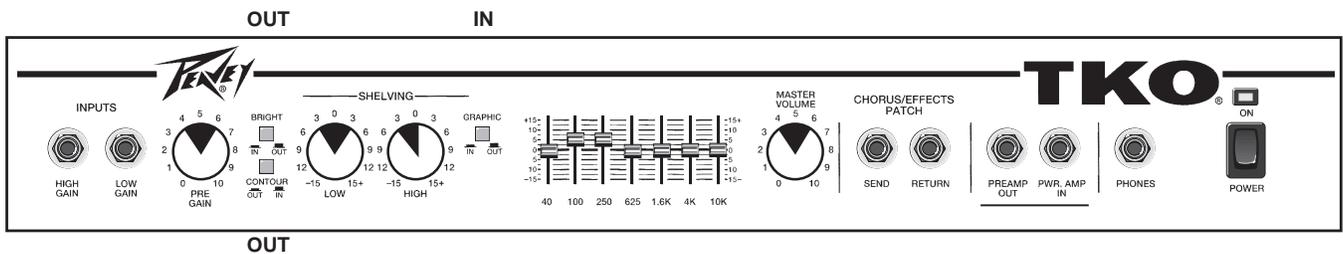
## ROCK



## FUNK



## COUNTRY



Tone settings given are general and will vary according to type of guitar, type and gauges of strings, type of pickup, and even type of pick. Personal taste, playing style, and type of music greatly contribute to desired tonality.

# SPECIFICATIONS

## POWER AMP SECTION

### Rated Power & Load:

75 W RMS into 8 ohms with  
DDT™ compression

### Power @ Clipping: (Typically)

(1 kHz, 120 V AC line)  
76 W RMS into 8 ohms @ 1% THD  
84 W RMS into 8 ohms @ 5% THD

### Frequency Response:

+0, -2 dB, 20 Hz to 20 kHz @ 70 W  
RMS into 8 ohms

### Total Harmonic Distortion:

Less than 0.2%, 100 mW to 70 W  
RMS, 20 Hz to 10 kHz, 8 ohms  
(typically below 0.1%)

### DDT™ Dynamic Range:

Greater than 20 dB

### DDT™ Maximum THD:

Below 0.6% THD for 6 dB overload  
Below 1% THD for 16 dB overload

### Hum & Noise:

Greater than 90 dB below rated  
power

### Power Consumption:

Domestic: 200 watts @ 120 V AC,  
60 Hz  
Export: 200 watts @ 220-230/240  
V AC, 50/60 Hz

## PREAMP SECTION

The following specs are measured @ 1 kHz  
with the Low, High & Graphic EQ @ 0 dB;  
Contour Out; Push Bright Out (off); and  
Post Gain @ 10. Nominal levels are with  
Pre Gain @ 5; minimum levels are with Pre  
Gain @ 10.

### Preamp High Gain Input:

Impedance: High Z, 220 K ohms  
Nominal Input Level: -20 dBV,  
100 mV RMS  
Minimum Input Level: -40 dBV,  
10 mV RMS  
Maximum Input Level: +10 dBV,  
3 V RMS

### Preamp Low Gain Input:

Impedance: High Z, 44 K ohms  
Nominal Input Level: -14 dBV,  
200 mV RMS  
Minimum Input Level: -34 dBV,  
20 mV RMS  
Maximum Input Level: +16 dBV,  
6 V RMS

### Effects Patch Send: (High Pass Output)

Load Impedance: 10 K ohms or  
greater  
Nominal Output Level: -12 dBV,  
0.25 V RMS  
Maximum Output Level: +8 dBV,  
2.5 V RMS

### Effects Patch Return:

Impedance: High Z, 22 K ohms  
Designed Input Level: -12 dBV,  
0.25 V RMS

(Remixes with Main Full Range  
Signal; designed for Low Level  
chorus or flange)

### Preamp Output:

Load Impedance: 1 K ohm or greater  
Nominal Output Level: 0 dBV,  
1 V RMS (at the DDT limit of 75 W  
RMS Output)  
Maximum Output Level: +18 dBV,  
8 V RMS

### Power Amp Input:

Impedance: High Z, 22 K ohms  
Designed Input Level: 0 dBV,  
1 V RMS

(Switching jack providing preamp  
output to power amp input connec-  
tions when not used)

### Headphone Output:

Load Impedance: 4 ohms or greater  
Nominal Power Output: 100 mW  
into 4 ohms  
(Stereo jack, monaural signal,  
disconnects internal speaker when  
phone plug is inserted)

### System Hum & Noise

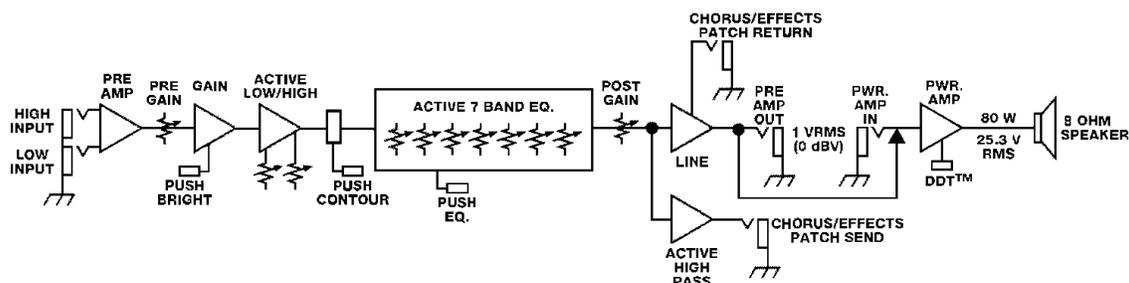
#### @ Nominal Input Level:

(20 Hz to 20 kHz unweighted)  
85 dB below rated power

### Equalization:

Low & High: ±15 dB @ 20 Hz  
& 8 kHz, shelving  
7 Band Graphic: ±15 dB @ 40, 100,  
250, 625, 1.6 K, 4 K, 10 K  
PEAK/NOTCH  
Push Bright: +10 dB @ 8 kHz

## BLOCK DIAGRAM



This block diagram shows signal flow within the unit. In order to thoroughly understand the unit's functions, please study the block diagram carefully.

## Consulte los diagramas del panel delantero en la sección de inglés de este manual.

### **HIGH GAIN INPUT (Entrada de alta ganancia) (1)**

Se usa para la mayoría de los bajos eléctricos. Tiene 6 dB más volumen que la entrada de baja ganancia.

### **LOW GAIN INPUT (Entrada de baja ganancia) (2)**

Se suministra para instrumentos que tienen una salida extremadamente alta, la cual puede causar la sobrecarga (distorsión) de la entrada de alta ganancia. Si se usan ambas entradas simultáneamente, el nivel de salida es el mismo (ambos son de alta ganancia).

### **PRE GAIN (Ganancia previa) (3)**

Controla la ganancia de entrada del preamplificador.

### **BRIGHT SWITCH (Interruptor de brillo) (4)**

Proporciona un impulso de +10 dB a las frecuencias agudas. Para activar empuje el interruptor hacia dentro.

### **CONTOUR SWITCH (Conmutador de contorno) (5)**

Al estar oprimido cancela la curva de igualación especial preestablecida.

### **LOW FREQUENCY EQ (Ecuador de frecuencias graves) (6)**

Un control de tono activo (tipo "repisa",  $\pm 15$  dB) que varía la baja frecuencia, la aumenta o la disminuye.

### **OPERATION NOTE: (Nota de operación)**

El exceso de ecualización, especialmente en las frecuencias graves, aumenta la posibilidad de dañar los altavoces y también desperdicia valiosa gama dinámica.

### **HIGH EQ CONTROL (Ecuador de frecuencias agudas) (7)**

Un control de tono activo (tipo "repisa",  $\pm 15$  dB) que varía el impulso o la reducción de las frecuencias agudas.

### **GRAPHIC SELECT (Selección del ecualizador gráfico) (8)**

La posición "In" (hacia dentro) de este interruptor hace pasar la señal del instrumento por el ecualizador de 7 bandas. La posición "Out" (hacia fuera) aparta al ecualizador gráfico del camino de la señal.

### **GRAPHIC EQUALIZER (Ecuador gráfico) (9)**

Esta ecualizador de 7 bandas y una octava proporciona  $\pm 15$  dB de impulso o reducción a cada frecuencia media.

### **MASTER VOLUME (10)**

Controla el nivel global de volumen del amplificador. El ajuste final de nivel debe hacerse una vez que se haya conseguido el sonido deseado.

### **CHORUS/EFFECTS SEND (Envío de coro/efectos) (11)**

Salida de banda alta sobre 200 Hz para proporcionar señales a efectos externos o equipos procesadores de señal.

### **EFFECTS RETURN (Retorno de efectos) (12)**

Se suministra para hacer puente entre la salida de un efecto hacia el mezclador. Se puede usar también como una entrada auxiliar independientemente variable.

### **PREAMP OUT/POWER AMP IN**

### **(Salida del preamplificador/Entrada del amplificador de potencia) (13)**

Se suministran estos enchufes hembras para conectar aparatos de efectos en línea. Para conectar un aparato de efectos, conecte la salida del preamplificador a la entrada del aparato, después conecte la salida del aparato a la entrada del amplificador de potencia. (Para este tipo de conexión debe usar cables blindados de buena calidad.) La

salida del preamplificador también se puede usar para mandar la señal a nivel de línea a una consola de mezcla, grabadora, etc. Esta conexión no afecta la función del amplificador.

**NOTA:** El nivel de salida del preamplificador es aproximadamente 1 voltio "RMS" y es de relativamente baja impedancia (600 ohms). Cualquier aparato de efectos que se use en este lazo de efectos debe ser capaz de recibir 1 voltio de entrada y proveer 1 voltio de salida para impulsar correctamente el amplificador de potencia. La entrada del amplificador de potencia tiene un interruptor interno que desconecta el preamplificador interno.

**HEADPHONE JACK (Enchufe hembra de audífonos) (14)**

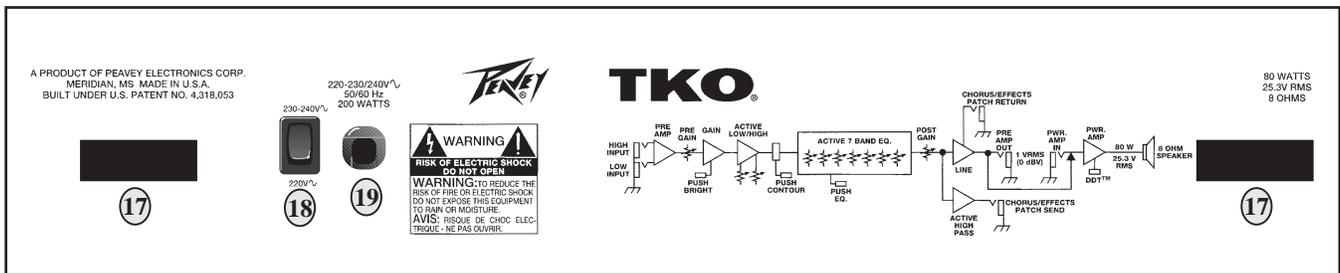
Este enchufe hembra estereofónico permite llegar a las señales a ambos lados de cualquier audífono estereofónico.

**POWER LED (LED indicador de corriente) (15)**

Se ilumina cuando el amplificador recibe corriente alterna.

**POWER SWITCH (Interruptor de corriente) (16)**

Empuje éste interruptor para encender el aparato.



**LINE (MAINS) CORD RETAINERS (Guardacable para cables principales) (17)**

Permite almacenar los cables principales para traslado.

**GROUND SWITCH (Interruptor de tierra) (18)**

Un interruptor tipo balancín de tres posiciones que, en la mayoría de las aplicaciones, debe ser operado en su posición del centro o cero (0). Puede haber situaciones cuando un zumbido audible salga del altavoz. Si esta situación ocurre, ajuste la posición del interruptor de tierra a positivo o negativo (+ o -) o hasta que el ruido disminuya.

**NOTA:** Si el problema de ruido continúa, consulte su representante autorizado de Peavey, la fábrica de Peavey, o un técnico de servicio calificado. EL INTERRUPTOR DE TIERRA NO FUNCIONA EN LOS MODELOS DE 220/240 VOLTIOS.

**LINE CORD (120 V PRODUCTS ONLY) (Cable de corriente para 120 v solamente) (19)**

Para su protección hemos incorporado un cable de 3 polos con polo a tierra. No es recomendable remover la pata del polo a tierra bajo ninguna circunstancia, se recomienda un adaptador en caso necesario. Esto reducirá ruidos y peligrosos corrientazos.

# Cover for TKO® 115

**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 tous les autres pays, les clauses de garantie et de maintenance sont fixées par le distributeur national et assurées par lui selon la législation en vigueur.**

**Diese Garantie ist nur in den USA und Kanada gültig. Alle Export-Produkte sind der Garantie und dem Service des Importeurs des jeweiligen Landes unterworfen. Esta garantía es válida solamente cuando el producto es comprado en E.U. continentales o en Canada. Todos los productos que sean comprados en el extranjero, están sujetos a las garantías y servicio que cada distribuidor autorizado determine y ofrezca en los diferentes países.**

## 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:

- The first purchase of the product is for the purpose of resale; or
- The original retail purchase is not made from an AUTHORIZED PEAVEY DEALER; or
- 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
- 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:

- In the case of tubes or meters, replace the defective component without charge.
- 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:

- 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

- 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.

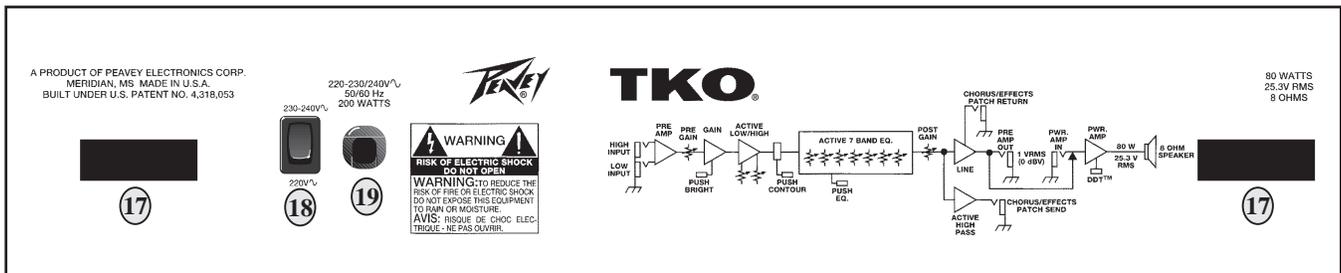
Your remedies for breach of these warranties are limited to those remedies provided herein and Peavey Electronics Corporation gives this limited warranty only with respect to equipment purchased in the United States of America.

### INSTRUCTIONS — WARRANTY REGISTRATION CARD

1. Mail the completed WARRANTY REGISTRATION CARD to:

PEAVEY ELECTRONICS CORPORATION  
POST OFFICE BOX 2898  
MERIDIAN, MISSISSIPPI 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.



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Defeats the preset special EQ curve when pushed in.

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An active tone control (shelving type,  $\pm 15$  dB) that varies the low frequency boost or cut.

**OPERATION NOTE:** Excessive EQ boost, especially of the low frequencies, increases the possibility of speaker damage, and sacrifices valuable headroom.

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### 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.

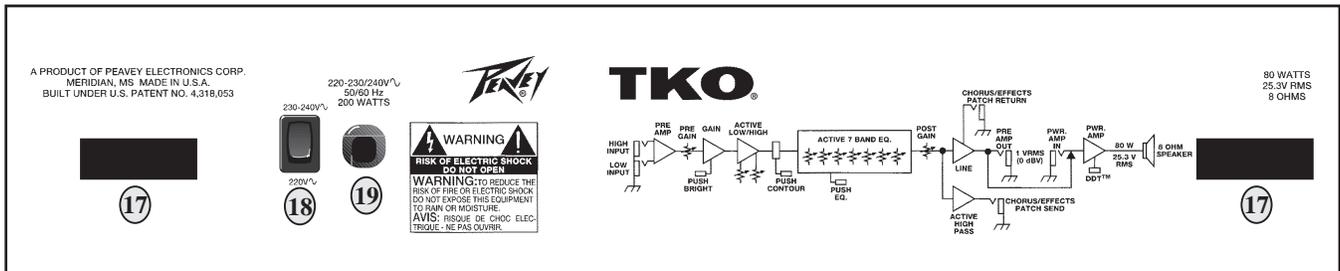
Your remedies for breach of these warranties are limited to those remedies provided herein and Peavey Electronics Corporation gives this limited warranty only with respect to equipment purchased in the United States of America.

#### INSTRUCTIONS — WARRANTY REGISTRATION CARD

1. Mail the completed WARRANTY REGISTRATION CARD to:

PEAVEY ELECTRONICS CORPORATION  
POST OFFICE BOX 2898  
MERIDIAN, MISSISSIPPI 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.



### HIGH GAIN INPUT (1)

Used for most electric basses. It is 6 dB louder than the Low Gain Input.

### LOW GAIN INPUT (2)

Provided for instruments that have extremely high outputs, which can result in overdriving (distorting) the High Gain Input. If both inputs are used simultaneously, the output levels are the same (both are High Gain).

### PRE GAIN (3)

Controls the input gain of the preamplifier.

### BRIGHT SWITCH (4)

Provides a preset boost (+10 dB) to treble frequencies. To activate, depress the switch to its “in” position.

### CONTOUR SWITCH (5)

Defeats the preset special EQ curve when pushed in.

### LOW FREQUENCY EQ (6)

An active tone control (shelving type,  $\pm 15$  dB) that varies the low frequency boost or cut.

**OPERATION NOTE:** Excessive EQ boost, especially of the low frequencies, increases the possibility of speaker damage, and sacrifices valuable headroom.

### HIGH EQ CONTROL (7)

An active tone control (shelving type,  $\pm 15$  dB) that varies the high frequency boost or cut.

### GRAPHIC SELECT (8)

The “in” position of this switch routes the instrument signal through the 7-band equalizer. The “out” position removes the graphic equalizer from the signal path.

**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**

**Axcess™ 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 und 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.**

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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.

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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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