



3120
120 WATT ALL TUBE 3 CHANNEL
GUITAR AMPLIFIER

OPERATING MANUAL





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, and objects filled with liquids, such as vases should not be placed on this apparatus. Before using this appliance, read the operating guide for further warnings.

IMPORTANT SAFETY INSTRUCTIONS

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

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with a dry cloth.
7. Do not block any of the ventilation openings. Install in accordance with manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves or other apparatus (including amplifiers) that produce heat.
9. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding plug. The wide blade or third prong is provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched, particularly at plugs, convenience receptacles, and the point they exit from the apparatus.
11. Only use attachments/accessories provided by the manufacturer.
12. Use only with a cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
13.  Unplug this apparatus during lightning storms or when unused for long periods of time.
14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
15. Never break off the ground pin. Write for our free booklet "Shock Hazard and Grounding." Connect only to a power supply of the type marked on the unit adjacent to the power supply cord.
16. If this product is to be mounted in an equipment rack, rear support should be provided.
17. Note for UK only: If the colors of the wires in the mains lead of this unit do not correspond with the terminals in your plug, proceed as follows:
 - a) The wire that is colored green and yellow must be connected to the terminal that is marked by the letter E, the earth symbol, colored green or colored green and yellow.
 - b) The wire that is colored blue must be connected to the terminal that is marked with the letter N or the color black.
 - c) The wire that is colored brown must be connected to the terminal that is marked with the letter L or the color red.
18. This electrical apparatus should not be exposed to dripping or splashing and care should be taken not to place objects containing liquids, such as vases, upon the apparatus.
19. The on/off switch in this unit does not break both sides of the primary mains. Hazardous energy can be present inside the chassis when the on/off switch is in the off position. The mains plug or appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.
20. 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 to 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!

ENGLISH

3120

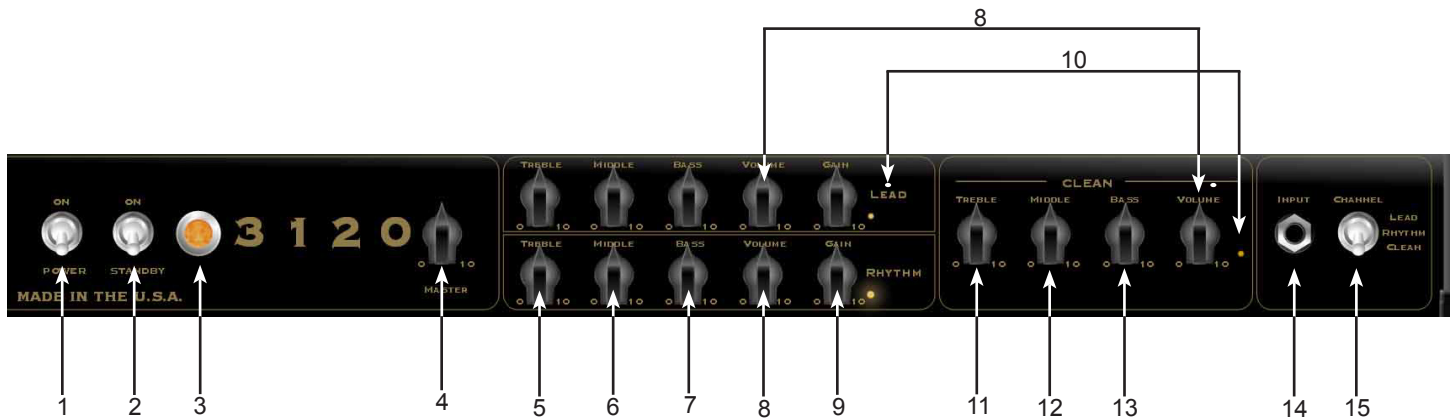
THIS NEWEST PEAVEY GUITAR AMPLIFIER SIMPLY SHREDS. FROM ITS HIGH-GAIN INPUT TO PARALLELED SPEAKER OUTPUT JACKS, THE PEAVEY ELECTRONICS 3120 IS NOT FOR THE FAINT OF HEART. ENGINEERED FOR TODAY'S DISCRIMINATING GUITARIST, THIS AMPLIFIER IS LOADED WITH PRACTICAL FEATURES USEFUL IN REAL-WORLD APPLICATIONS. DELIVERING AN EARTH-QUAKING 120 WATTS OF PURE TUBE POWER, THE 3120 IS EASILY CONTROLLABLE THANKS TO A MASTER VOLUME POT, AS WELL AS INDEPENDENT VOLUME CONTROLS FOR EACH OF ITS THREE CHANNELS. THE RHYTHM AND LEAD CHANNELS ALSO HAVE GAIN CONTROLS TO FURTHER ASSIST IN TAMING THIS BEAST WHILE ACHIEVING KILLER SOUND. TONE CONTOUR IS ACCOMPLISHED THROUGH PASSIVE CONTROLS FOR BASS, MID, AND TREBLE ON THE CLEAN CHANNEL, WHILE THE RHYTHM AND LEAD CHANNELS UTILIZE PEAVEY'S EXCLUSIVE BASS, MIDDLE, AND TREBLE ACTIVE CONTROLS. DESIGNED TO WORK EQUALLY WELL INTO 4, 8, OR 16-OHM LOADS, MATCHING THIS MONSTER TO A CABINET IS LIMITED ONLY BY YOUR IMAGINATION. WITH FOOTSWITCHABLE CHANNEL AND EFFECTS LOOP, THE 3120 LETS YOU KEEP YOUR HANDS ON THE GUITAR - AND YOUR EYES ON YOUR DREAM.



FEATURES

- **THREE 12AX7 PREAMP TUBES**
- **FOUR EL34 POWER AMP TUBES DRIVEN BY A 12AX7**
- **POWER AMP CONVERTIBLE TO USE FOUR 6L6GC TUBES**
- **FOOTSWITCHABLE EFFECTS LOOP WITH INDEPENDENT SEND AND RETURN CONTROLS**
- **DAMPING SWITCH (TIGHT, MEDIUM, LOOSE)**
- **SPECIAL NOISE GATE CIRCUITRY ON RHYTHM AND LEAD CHANNELS**
- **LINE OUT WITH LEVEL CONTROL**
- **CABINET IMPEDANCE SWITCH (4, 8, or 16 OHMS)**
- **HEAVY-DUTY POWER, STANDBY AND CHANNEL SELECT TOGGLE SWITCHES**
- **CLASSIC POWER STATUS INDICATOR LAMP**
- **CUSTOM PEAVEY CHICKEN-HEAD CONTROL KNOBS**

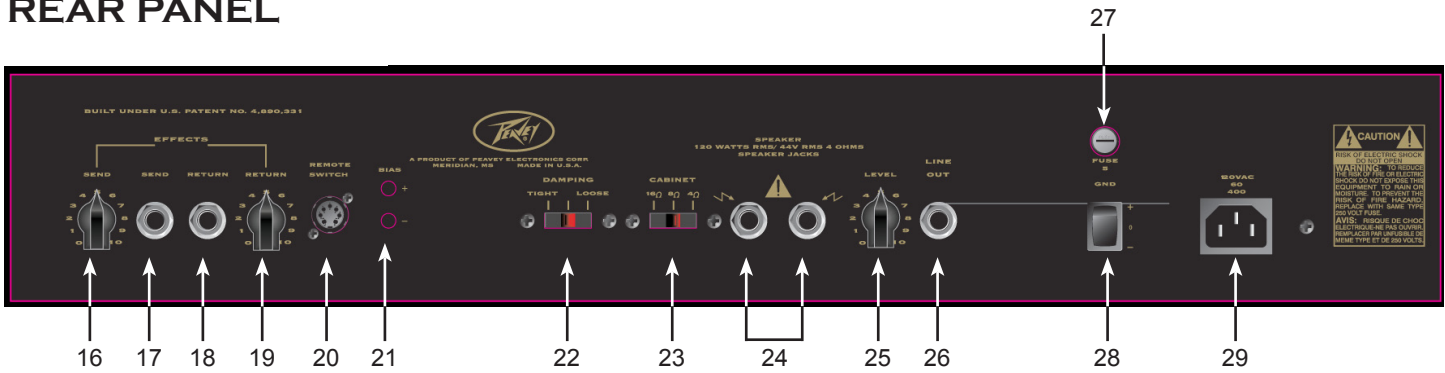
FRONT PANEL



- (1) **POWER SWITCH**
THIS TWO-WAY TOGGLE SWITCH APPLIES MAINS POWER TO THE UNIT. THE AMBER POWER STATUS LAMP (3) WILL ILLUMINATE WHEN THIS SWITCH IS IN THE ON POSITION.
- (2) **STANDBY SWITCH**
THIS TWO-WAY TOGGLE SWITCH ALLOWS THE AMP TO BE PLACED IN THE STANDBY MODE. IN THE STANDBY POSITION THE TUBES STAY HOT BUT THE AMPLIFIER IS NOT OPERATIONAL. SWITCHING TO THE ON POSITION PLACES THE AMP IN ACTIVE MODE.
- (3) **POWER STATUS LAMP**
THIS INDICATOR ILLUMINATES WHEN MAINS POWER IS BEING SUPPLIED TO THE AMP.
- (4) **MASTER VOLUME**
THIS CONTROL SETS THE OVERALL VOLUME LEVEL OF THE AMP. ONCE THE DESIRED BALANCE BETWEEN THE THREE CHANNELS IN THE AMPLIFIER HAS BEEN ACHIEVED, THE ENTIRE OUTPUT LEVEL OF THE UNIT CAN BE INCREASED OR DECREASED BY ROTATING THIS CONTROL. CLOCKWISE ROTATION INCREASES LEVEL; COUNTERCLOCKWISE ROTATION DECREASES LEVEL.
- (5) **TREBLE**
THIS CONTROL, ON BOTH THE RHYTHM AND LEAD CHANNELS, VARIES THE HIGH FREQUENCY RESPONSE OF THE AMPLIFIER. IT IS AN ACTIVE CONTROL (SHELVING TYPE) AND ALLOWS 15 DB OF BOOST OR CUT.
- (6) **MIDDLE**
THIS CONTROL, ON BOTH THE RHYTHM AND LEAD CHANNELS, VARIES THE MID FREQUENCY RESPONSE OF THE AMPLIFIER. IT IS AN ACTIVE CONTROL (PEAK/NOTCH TYPE) AND ALLOWS 15 DB OF BOOST OR CUT.
- (7) **BASS**
THIS CONTROL, ON BOTH THE RHYTHM AND LEAD CHANNELS, VARIES THE LOW FREQUENCY RESPONSE OF THE AMPLIFIER. IT IS AN ACTIVE CONTROL (SHELVING TYPE) AND ALLOWS 15 DB OF BOOST OR CUT.
- (8) **VOLUME**
THIS CONTROL, ON ALL THREE CHANNELS, SETS THE OVERALL LEVEL OF ITS RESPECTIVE CHANNEL.

- (9) GAIN**
THIS CONTROL, ON BOTH THE RHYTHM AND LEAD CHANNELS, CONTROLS THE INPUT VOLUME LEVEL OF THE CHANNEL. ROTATING THIS CONTROL CLOCKWISE WILL INCREASE THE AMOUNT OF PREAMP DISTORTION AND SUSTAIN.
- (10) CHANNEL ACTIVATION LEDs**
THESE INDICATORS SIGNIFY WHICH CHANNEL IS ACTIVE. LEAD CHANNEL ACTIVATION ILLUMINATES THE RED LED; RHYTHM CHANNEL ACTIVATION ILLUMINATES THE YELLOW LED; AND CLEAN CHANNEL ACTIVATION ILLUMINATES THE GREEN LED.
- (11) TREBLE**
THIS PASSIVE CONTROL REGULATES THE HIGH FREQUENCIES FOR THE CLEAN CHANNEL.
- (12) MID**
THIS PASSIVE CONTROL REGULATES THE MID FREQUENCIES FOR THE CLEAN CHANNEL.
- (13) BASS**
THIS PASSIVE CONTROL REGULATES THE LOW FREQUENCIES FOR THE CLEAN CHANNEL.
- (14) INPUT**
THIS 1/4" JACK IS DESIGNED TO ACCOMMODATE MOST ANY GUITAR OUTPUT SIGNAL. INPUT SIGNAL GAIN CAN BE ADJUSTED BY THE GAIN (9) CONTROLS (RHYTHM AND LEAD CHANNELS ONLY).
- (15) CHANNEL SELECT SWITCH**
THIS THREE-POSITION TOGGLE SWITCH ALLOWS SELECTION BETWEEN THE AMPLIFIER'S THREE CHANNELS. LED (10) ILLUMINATION INDICATES WHICH CHANNEL IS ACTIVE. CHANNEL SWITCHING CAN ALSO BE ACCOMPLISHED BY FOOTSWITCH. SEE THE FOOTSWITCH SECTION OF THIS MANUAL FOR EXPLANATION OF SWITCH OPERATION. THE CHANNEL SELECT SWITCH MUST BE SET IN THE LEAD POSITION IN ORDER FOR THE FOOTSWITCH TO OPERATE PROPERLY.

REAR PANEL



(16) EFFECTS SEND LEVEL

THIS CALIBRATED (0 – 10) CONTROL SETS THE LEVEL OF SIGNAL BEING SENT TO EXTERNAL EFFECTS AND/OR SIGNAL PROCESSORS. CLOCKWISE ROTATION INCREASES THE AMOUNT OF SIGNAL BEING SENT; COUNTERCLOCKWISE ROTATION DECREASES THE AMOUNT. FOR THE QUIETEST OPERATION, THE EFFECTS SEND LEVEL SHOULD BE SET AS HIGH AS POSSIBLE. GENERALLY, THE SEND AND RETURN LEVELS SHOULD BE SET OPPOSITELY. IF THE EFFECTS SEND LEVEL IS SET LOW, THE EFFECTS RETURN LEVEL (19) IS SET HIGH TO ACHIEVE UNITY GAIN. IF VOLUME BOOST IS DESIRED, TURN BOTH RETURN CONTROLS TO HIGHER SETTINGS.

(17/18) EFFECTS SEND / EFFECTS RETURN

THESE 1/4" MONO (TS) JACKS ALLOW SIGNAL TO BE SENT TO AND RETURNED FROM EXTERNAL EFFECTS AND/OR SIGNAL PROCESSORS. USING SHIELDED CABLES WITH 1/4" MONO (TS) PHONE PLUGS, PATCH FROM EFFECTS SEND TO THE INPUT OF THE EXTERNAL DEVICE, AND FROM THE OUTPUT OF THE EXTERNAL DEVICE TO EFFECTS RETURN. ONLY DEVICES THAT DO NOT INCREASE SIGNAL GAIN SHOULD BE USED IN THIS EFFECTS LOOP (CHORUS, DELAY, REVERB, ETC.). IF THE FOOTSWITCH IS USED, THE EFFECTS SELECTOR (33) SWITCH MUST BE DEPRESSED TO ACTIVATE THE EFFECTS LOOP. SEE THE FOOTSWITCH SECTION OF THIS MANUAL FOR EXPLANATION OF SWITCH OPERATION.

(19) EFFECTS RETURN LEVEL

THIS CALIBRATED (0 – 10) CONTROL SETS THE LEVEL OF SIGNAL BEING RETURNED FROM EXTERNAL EFFECTS AND/OR SIGNAL PROCESSORS. CLOCKWISE ROTATION INCREASES THE AMOUNT OF SIGNAL BEING RETURNED; COUNTERCLOCKWISE ROTATION DECREASES THE AMOUNT. AGAIN, SEND AND RETURN LEVELS SHOULD BE SET OPPOSITELY, WITH THE SEND LEVEL BEING HIGH AND THE RETURN LEVEL LOW TO ENSURE THE QUIETEST OPERATION. BY SETTING BOTH THE SEND AND RETURN HIGHER, YOU CAN USE THE EFFECTS BUTTON ON THE FOOTSWITCH AS A BOOST IF YOU AREN'T USING THE EFFECTS LOOP WITH EFFECTS.

(20) REMOTE SWITCH

THIS SEVEN-PIN DIN CONNECTOR IS PROVIDED FOR THE CONNECTION OF THE REMOTE FOOTSWITCH. THE FOOTSWITCH CABLE SHOULD BE CONNECTED BEFORE THE AMP IS POWERED UP. SEE THE FOOTSWITCH SECTION OF THIS MANUAL FOR EXPLANATION OF SWITCH OPERATION.

(21) BIAS TEST TERMINALS

THESE TERMINALS ARE PROVIDED TO MEASURE THE BIAS OF THE AMPLIFIER'S POWER TUBES. A KNOB BEHIND THE BACK PANEL GRILL ALLOWS FOR ADJUSTMENT. BIAS ADJUSTMENT SHOULD ONLY BE DONE BY A QUALIFIED TECHNICIAN.

(22) DAMPING SWITCH

THIS THREE-POSITION SWITCH ALLOWS ADJUSTMENT OF THE AMPLIFIER'S DAMPING FACTOR. DAMPING IS THE ABILITY OF AN AMPLIFIER TO CONTROL SPEAKER CONE MOTION AFTER A SIGNAL DISAPPEARS. A HIGH DAMPING FACTOR (TIGHT) REDUCES CONE VIBRATION QUICKER THAN A LOW (LOOSE) FACTOR. THIS SWITCH WORKS MUCH LIKE THE RESONANCE AND PRESENCE CONTROLS ON OTHER PEAVEY AMPS, IF THOSE CONTROLS WERE TURNED SIMULTANEOUSLY. IF THE DAMPING SWITCH IS CHANGED, THE VOLUME OF THE AMP WILL ALSO CHANGE AND REQUIRE RE-ADJUSTMENT.

(23) CABINET IMPEDANCE SWITCH

THIS THREE-POSITION SWITCH ALLOWS APPROPRIATE SELECTION OF SPEAKER CABINET IMPEDANCE. IF TWO ENCLOSURES OF EQUAL IMPEDANCE ARE USED, THE SWITCH SHOULD BE SET TO HALF THE INDIVIDUAL VALUE. FOR EXAMPLE, TWO 16-OHM ENCLOSURES NECESSITATE AN 8-OHM SETTING, WHILE TWO 8-OHM ENCLOSURES WOULD REQUIRE A 4-OHM SETTING. MINIMUM SPEAKER IMPEDANCE IS 4 OHMS.

(24) SPEAKER OUTPUTS

THESE PARALLELED 1/4" MONO (TS) JACKS ARE PROVIDED FOR THE CONNECTION OF SPEAKER ENCLOSURE(S). AGAIN, MINIMUM SPEAKER IMPEDANCE IS 4 OHMS. THE CABINET IMPEDANCE SWITCH (23) SHOULD BE SET TO MATCH THE LOAD OF THE SPEAKER CABINET(S).

(25) LINE OUT LEVEL

THIS CONTROL SETS THE LEVEL OF SIGNAL BEING SENT OUT OF THE LINE OUT (26) JACK. IT MAY BE USED TO BALANCE THE LEVEL OF SLAVE POWER AMP/SPEAKER SYSTEMS DRIVEN FROM THE LINE OUT (26) TO THE LEVEL OF CABINETS DRIVEN FROM THE SPEAKER OUTPUTS (24).



(26) LINE OUT

THIS 1/4" MONO (TS) JACK PROVIDES A PRE-POWER AMP SIGNAL TO DRIVE ANOTHER POWER AMP/SPEAKER SYSTEM WHILE MAINTAINING THE AMPLIFIER'S TONE.

(27) FUSE

A FUSE IS LOCATED WITHIN THE CAP OF THE FUSE HOLDER. THIS FUSE MUST BE REPLACED WITH ONE OF THE SAME TYPE AND VALUE TO AVOID DAMAGING THE AMPLIFIER AND VOIDING THE WARRANTY. IF THE AMP REPEATEDLY BLOWS THE FUSE, IT SHOULD BE TAKEN TO A QUALIFIED SERVICE CENTER FOR REPAIR.

WARNING: THE FUSE SHOULD ONLY BE REPLACED AFTER THE POWER CORD HAS BEEN DISCONNECTED.

(28) GROUND POLARITY SWITCH



THIS THREE-POSITION, ROCKER-TYPE SWITCH SHOULD NORMALLY BE PLACED IN THE CENTER (0) POSITION. IF HUM OR NOISE IS NOTICED COMING FROM THE SPEAKER ENCLOSURE(S), THE SWITCH MAY BE PLACED IN THE "+" OR "-" POSITION TO MINIMIZE HUM/NOISE. IF CHANGING THE POLARITY DOES NOT ALLEVIATE THE PROBLEM, CONSULT YOUR AUTHORIZED PEAVEY DEALER, THE PEAVEY FACTORY, OR A QUALIFIED SERVICE TECHNICIAN.

(29) IEC MAINS CONNECTOR

THIS IS A STANDARD IEC POWER CONNECTOR. AN AC MAINS CORD HAVING THE APPROPRIATE AC PLUG AND RATINGS FOR THE INTENDED OPERATING VOLTAGE IS INCLUDED IN THE CARTON. THE MAINS CORD SHOULD BE CONNECTED TO THE AMPLIFIER BEFORE CONNECTING TO A SUITABLE AC OUTLET.

U.S DOMESTIC AC MAINS CORD

THE MAINS CORD SUPPLIED WITH THE UNIT IS A HEAVY-DUTY, 3-CONDUCTOR TYPE WITH A CONVENTIONAL 120 VAC PLUG WITH GROUND PIN. IF THE OUTLET USED DOES NOT HAVE A GROUND PIN, A SUITABLE GROUNDING ADAPTER SHOULD BE USED, AND THE THIRD WIRE SHOULD BE GROUNDED PROPERLY.

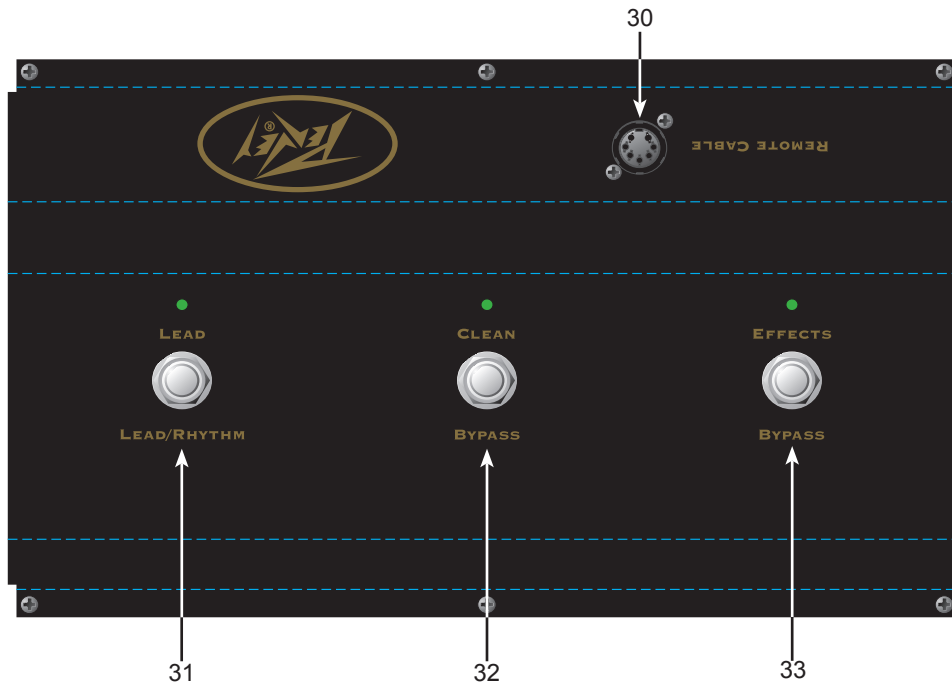


NEVER BREAK OFF THE GROUND PIN ON ANY EQUIPMENT. IT IS PROVIDED FOR YOUR SAFETY.

NOTE: FOR UK ONLY

IF THE COLORS OF THE WIRES IN THE MAINS LEAD OF THIS UNIT DO NOT CORRESPOND WITH THE COLORED MARKINGS IDENTIFYING THE TERMINALS IN YOUR PLUG, PROCEED AS FOLLOWS: (1) THE WIRE THAT IS COLORED GREEN AND YELLOW MUST BE CONNECTED TO THE TERMINAL THAT IS MARKED BY THE LETTER E, THE EARTH SYMBOL, COLORED GREEN, OR COLORED GREEN AND YELLOW. (2) THE WIRE THAT IS COLORED BLUE MUST BE CONNECTED TO THE TERMINAL THAT IS MARKED WITH THE LETTER N OR THE COLOR BLACK. (3) THE WIRE THAT IS COLORED BROWN MUST BE CONNECTED TO THE TERMINAL THAT IS MARKED WITH THE LETTER L OR THE COLOR RED.

FOOTSWITCH



(30) CABLE CONNECTOR

THIS 7-PIN DIN CONNECTOR IS PROVIDED FOR CONNECTING THE FOOTSWITCH TO THE AMPLIFIER REMOTE SWITCH (20) VIA THE CABLE INCLUDED IN THE CARTON. CONNECTIONS AT THE SWITCH AND THE AMPLIFIER SHOULD BE MADE BEFORE THE AMP IS POWERED UP.

(31) LEAD / RHYTHM SELECTOR

THIS SWITCH SELECTS BETWEEN THE RHYTHM AND LEAD CHANNELS ON THE AMPLIFIER. THE ADJACENT LED WILL ILLUMINATE WHEN THE LEAD/LEAD CHANNEL IS SELECTED. WHEN THE LED IS DARK, THE RHYTHM/RHYTHM CHANNEL IS SELECTED. THE CLEAN SELECTOR (32) MUST BE IN THE BYPASS MODE TO ACTIVATE EITHER THE RHYTHM OR LEAD CHANNEL.

(32) CLEAN SELECTOR

THIS SWITCH SELECTS THE CLEAN CHANNEL AND WILL ACTIVATE REGARDLESS OF THE POSITION OF THE LEAD / RHYTHM SELECTOR (31). THE ADJACENT LED WILL ILLUMINATE WHEN THE CLEAN CHANNEL IS SELECTED. THIS SWITCH MUST BE IN THE BYPASS POSITION, INDICATED BY A DARK LED, IN ORDER TO UTILIZE THE LEAD / RHYTHM SELECTOR (31).

(33) EFFECTS SELECTOR

THIS SWITCH ACTIVATES THE AMPLIFIER'S EFFECTS LOOP (16 – 19). THE ADJACENT LED WILL ILLUMINATE WHEN THE EFFECTS LOOP IS ACTIVE.

3120 SPECIFICATIONS

POWER AMPLIFIER SECTION:

TUBES:

FOUR EL34'S WITH 12AX7 DRIVER

RATED POWER AND LOAD:

120 W RMS INTO 16, 8, OR 4 OHMS

POWER @ CLIPPING:

(TYPICALLY @ 5% THD, 1 KHZ, 120 VAC LINE)

120 W RMS INTO 16, 8, OR 4 OHMS

FREQUENCY RESPONSE:

±3 DB 50 HZ TO 20 KHZ @ 90 W RMS INTO 8 OHMS

HUM AND NOISE:

GREATER THAN 76 DB BELOW RATED POWER

POWER CONSUMPTION:

DOMESTIC: 400 W, 50/60 HZ, 120 VAC

EXPORT: 400 W, 60 HZ, 220-230/240 VAC

PREAMP SECTION:

TUBES:

THREE 12AX7s

THE FOLLOWING SPECS ARE MEASURED @ 1 KHZ WITH

THE CONTROLS PRESET AS FOLLOWS:

LOW AND HIGH EQ @ 10, MID EQ @ 0

RHYTHM AND LEAD POSTS @ 10

BASS, MIDDLE AND TREBLE EQ @ 5

EFFECTS SEND @ 0

EFFECTS RETURN @ 10

MASTER LEVEL @ 5

NOMINAL LEVELS ARE WITH PRE GAIN @ 5

MINIMUM LEVELS ARE WITH PRE GAIN @ 10

CLEAN CHANNEL:

NOMINAL INPUT LEVEL: -20 DBV, 100 MV RMS

MINIMUM INPUT LEVEL: -30 DBV, 30 MV RMS

MAXIMUM INPUT LEVEL: 0 DBV, 1.0 MV RMS

RHYTHM CHANNEL:

NOMINAL INPUT LEVEL: -80 DBV, 0.1 MV RMS

MINIMUM INPUT LEVEL: -90 DBV, 0.03 MV RMS

LEAD CHANNEL:

NOMINAL INPUT LEVEL: -80 DBV, 0.1 MV RMS

MINIMUM INPUT LEVEL: -90 DBV, 0.03 MV RMS

EFFECTS SEND:

LOAD IMPEDANCE: 47 K OHMS OR GREATER

MINIMUM OUTPUT: -10 DBV, 300 MV RMS

MAXIMUM OUTPUT: 0 DBV, 1 V RMS

EFFECTS RETURN:

IMPEDANCE: HIGH-Z, 80 K OHMS

MINIMUM INPUT SENSITIVITY: -10 DBV, 300 MV RMS

MAXIMUM INPUT SENSITIVITY: 0 DBV, 1 V RMS

LINE OUTPUT:

LOAD IMPEDANCE: 47 K OHMS OR GREATER

ADJUSTABLE OUTPUT: ±20 DBV, 0.1 V RMS-10 V RMS

REMOTE FOOTSWITCH:

SPECIAL 3-BUTTON UNIT WITH LED INDICATORS
(SUPPLIED)

SYSTEM HUM AND NOISE @ NOMINAL LEVEL:

(CLEAN CHANNEL, 20 HZ TO 20 KHZ UNWEIGHTED)

GREATER THAN 74 DB BELOW RATED POWER

(SPECIAL NOISE GATE CIRCUITRY FOR LEAD & RHYTHM)

EQUALIZATION: (CLEAN CHANNEL ONLY)

CUSTOM LOW, MID, AND HIGH PASSIVE TYPE EQ

VOICING: (RHYTHM AND LEAD CHANNELS ONLY)

ACTIVE BASS, MIDDLE, AND TREBLE EQ

BOOST/CUT ± 12 DB

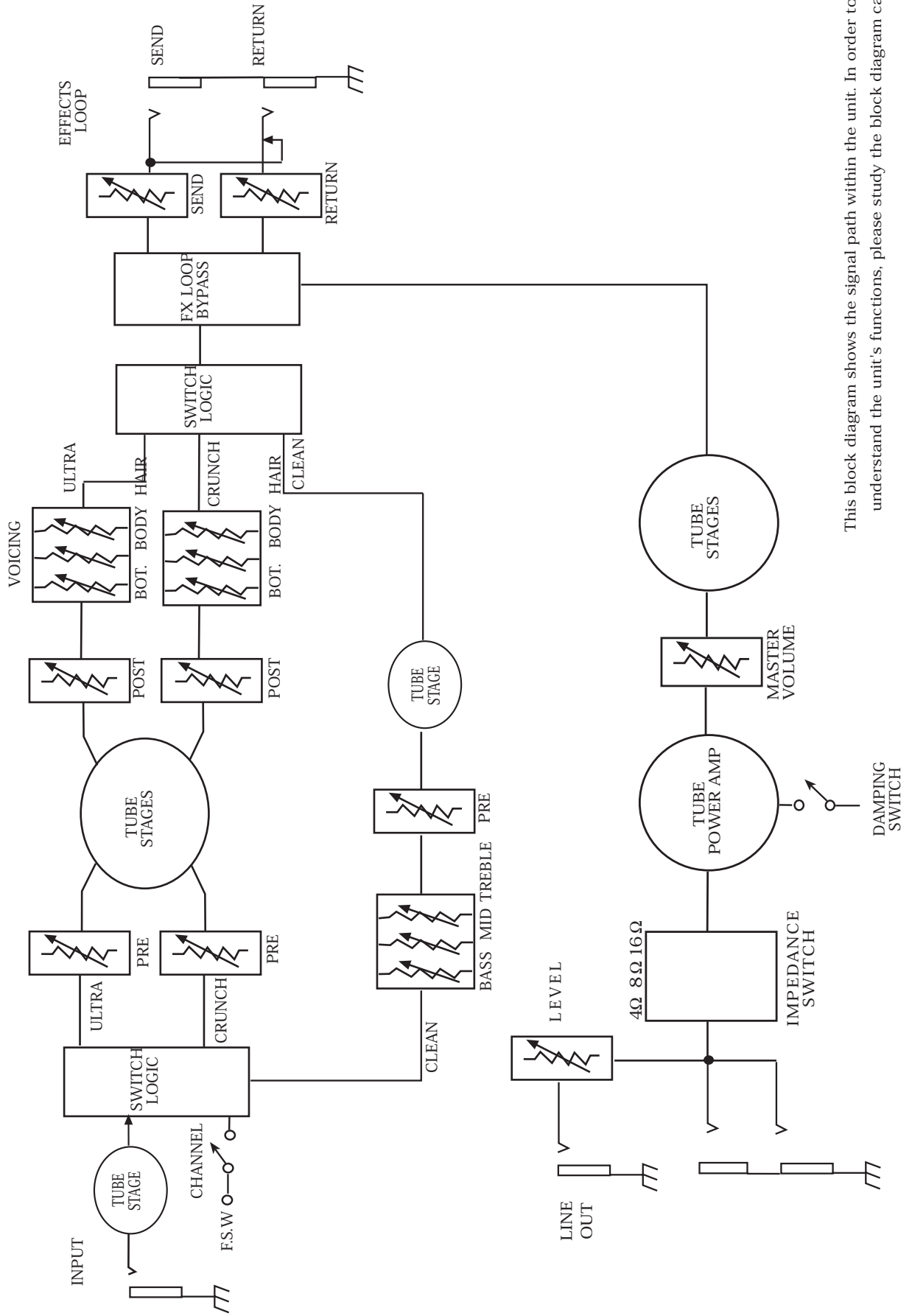
DIMENSIONS AND WEIGHT:

11.0" (279 MM) H x 26.5" (673 MM) W x 11.0" (279 MM)

D

52 LBS. (23.6 KG)

3120 Block Diagram



This block diagram shows the signal path within the unit. In order to understand the unit's functions, please study the block diagram ca

NOTES: _____

PEAVEY ELECTRONICS CORPORATION LIMITED WARRANTY

EFFECTIVE DATE: JUNE 14, 2006

What This Warranty Covers

Your Peavey Warranty covers defects in material and workmanship in Peavey products purchased and serviced in the U.S.A. and Canada.

What This Warranty Does Not Cover

The Warranty does not cover: (1) damage caused by accident, misuse, abuse, improper installation or operation, rental, product modification or neglect; (2) damage occurring during shipment; (3) damage caused by repair or service performed by persons not authorized by Peavey; (4) products on which the serial number has been altered, defaced or removed; (5) products not purchased from an Authorized Peavey Dealer.

Who This Warranty Protects

This Warranty protects only the original retail purchaser of the product.

How Long This Warranty Lasts

The Warranty begins on the date of purchase by the original retail purchaser. The duration of the Warranty is as follows:

Product Category	Duration
Guitars/Basses, Amplifiers, Pre-Amplifiers, Mixers, Electronic Crossovers and Equalizers	2 years (+ 3 years)*
Drums	2 years (+ 1 year)*
Enclosures	3 years (+ 2 years)*
Digital Effect Devices and Keyboard and MIDI Controllers	1 year (+ 1 year)*
Microphones	2 years
Speaker Components (incl. speakers, baskets, drivers, diaphragm replacement kits and passive crossovers) and all Accessories	1 year
Tubes and Meters	90 days
Cables	Limited Lifetime

[*Denotes additional warranty period applicable if optional Warranty Registration Card is completed and returned to Peavey by original retail purchaser within 90 days of purchase.]

What Peavey Will Do

We will repair or replace (at Peavey's discretion) products covered by warranty at no charge for labor or materials. If the product or component must be shipped to Peavey for warranty service, the consumer must pay initial shipping charges. If the repairs are covered by warranty, Peavey will pay the return shipping charges.

How To Get Warranty Service

- (1) Take the defective item and your sales receipt or other proof of date of purchase to your Authorized Peavey Dealer or Authorized Peavey Service Center.
OR
- (2) Ship the defective item, prepaid, to Peavey Electronics Corporation, International Service Center, 412 Highway 11 & 80 East, Meridian, MS 39301. Include a detailed description of the problem, together with a copy of your sales receipt or other proof of date of purchase as evidence of warranty coverage. Also provide a complete return address.

Limitation of Implied Warranties

ANY IMPLIED WARRANTIES, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED IN DURATION TO THE LENGTH OF THIS WARRANTY.

Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you.

Exclusions of Damages

PEAVEY'S LIABILITY FOR ANY DEFECTIVE PRODUCT IS LIMITED TO THE REPAIR OR REPLACEMENT OF THE PRODUCT, AT PEAVEY'S OPTION. IF WE ELECT TO REPLACE THE PRODUCT, THE REPLACEMENT MAY BE A RECONDITIONED UNIT. PEAVEY SHALL NOT BE LIABLE FOR DAMAGES BASED ON INCONVENIENCE, LOSS OF USE, LOST PROFITS, LOST SAVINGS, DAMAGE TO ANY OTHER EQUIPMENT OR OTHER ITEMS AT THE SITE OF USE, OR ANY OTHER DAMAGES WHETHER INCIDENTAL, CONSEQUENTIAL OR OTHERWISE, EVEN IF PEAVEY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

This Warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

If you have any questions about this warranty or service received or if you need assistance in locating an Authorized Service Center, please contact the Peavey International Service Center at (601) 483-5365.

FEATURES AND SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.



Logo referenced in Directive 2002/96/EC Annex IV (OJ(L)37/38, 13.02.03 and defined in EN 50419: 2005
The bar is the symbol for marking of new waste and is applied only to equipment manufactured after 13 August 2005



LISTEN TO THIS™

Features and specifications subject to change without notice.

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