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.
HIGH GAIN INPUT (1)
Used for most electric guitars. 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 Low Gain).

PRE GAIN (3)
Controls the input volume level of the channel.

POST GAIN (4)
Controls the overall volume level of the channel. The final level adjustment should be made after the desired sound has been achieved.

PRE GAIN (5)
Controls the input volume level of the channel.

POST GAIN (6)
Controls the overall volume level of the channel. The final level adjustment should be made after the desired sound has been achieved.

GAIN (7)
Controls the channel volume.

BRIGHT SWITCH (8)
Provides a preset boost to treble frequencies. To activate, depress the switch to its “in” position. The bright function affects only the normal channel.

LOW, MID, & HIGH EQ (9)
Passive tone controls that regulate the low, mid and high frequencies, respectively.

PRESENCE (10)
An active tone control that boosts the extreme high frequencies by 6 dB.

MASTER REVERB (11)
Reverberation is an echo effect. Rotate clockwise to increase the effect. Remote footswitch can control On/Off.

STATUS LED (12)
Illuminates when amp is switched to standby indicating amplifier is not operational.

POWER LED (13)
Illuminates when AC power is being supplied to the amp.

STANDBY SWITCH (14)
Allows amp to be placed in standby or active mode. In standby mode the tubes remain hot, but the amplifier is not operational.

POWER SWITCH (15)
Depress the switch to the “On” position. The red pilot light (LED) will illuminate indicating power is being supplied to the unit.
LINE CORD (120 V products only) (1)
For your safety, we have incorporated a 3-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 exist when the unit is operated with the proper grounded receptacles.

GROUND SWITCH (2)
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.

HUM BALANCE (3)
A control to minimize hum. To adjust, first make sure that nothing is plugged into the amp but the speaker cabinet. Turn the unit on and set the Pre Gain, Pump and Post Gain controls at 7. While listening to the speaker closely, gradually rotate the Hum Balance control using a screwdriver until hum is at a minimum. This procedure is required periodically. Reset Hum Balance after tube change.

SPEAKER OUTPUTS (4)
Speaker output (1/4") jacks are provided for main and auxiliary. Main jack is 8 ohm impedance and auxiliary jack is 4 ohms. When both jacks are engaged, amplifier impedance is 4 ohms.

PREAMP OUT (5)
The preamp output can 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.

EFFECTS RETURN (6)
Input for returning signals from external effects or signal processing equipment.

EFFECTS SEND (7)
Output for supplying signals to external effects or signal processing equipment.

REMOTE FOOTSWITCH JACK (8)
Provided for the connection of the supplied remote footswitch. Footswitch is used to select the Ultra Gain, Crunch Gain, or Normal Channels and Defeat Reverb.

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

ADJUST TO TASTE

BALANCE CLEAN GAIN WITH CRUNCH AND ULTRA

ULTRA LEAD

INPUTS

CLEAN AND LEAD EQUALIZATION

CRUNCH RHYTHM

NOTE:
ONLY HIGH AND PRESENCE EQUALIZATION ARE EFFECTIVE IN CRUNCH AND ULTRA CHANNELS.

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

TRIUMPH 60

POWER AMPLIFIER SECTION:
2 - 6L6GC's with 12AX7 driver
RATED POWER & LOAD:
60 W RMS into 8 or 4 ohms

POWER @ CLIPPING:
(Typically @ 2% THD, 1 kHz, 120 Vac line)
65 W RMS into 8 or 4 ohms
(Bias must be reduced to measure)

FREQUENCY RESPONSE:
+0.2 dB 50 Hz to 20 kHz @ 50 W RMS into 8 ohms

HUM & NOISE:
Greater than 63 dB below rated power

HUM BALANCE CONTROL:
Adjust for minimum hum @ max gain

POWER CONSUMPTION:
200 Watts, 50/60 Hz, 120 Vac (Domestic)

PREAMP SECTION:
3 - 12AX7s, 1 - 12AT7
The following specs are measured @ 1 kHz with the controls preset as follows:
Low & High EQ @ 10, MID EQ @ 0, Presence @ 0
Ultra & Crunch Pass @ 10, Master Reverb @ 0
(Nominal levels are with Pre Gains @ 5)
(Minimum levels are with Pre Gains @ 10)

PREAMP HIGH GAIN INPUT:
Impedance: Very high Z, 740k ohm

ULTRA CHANNEL: (default channel)
Nominal Input Level: -62 dBV, 0.5 mV RMS
Minimum Input Level: -80 dBV, 0.1 mV RMS

CRUNCH CHANNEL: (footswitch selected)
Nominal Input Level: -62 dBV, 0.8 mV RMS
Minimum Input Level: -74 dBV, 0.2 mV RMS

CLEAN CHANNEL: (footswitch selected)
Nominal Input Level: -20 dBV, 100 mV RMS
Minimum Input Level: -42 dBV, 8 mV RMS

PREAMP LOW GAIN INPUT: (-6 dB Pad)
Impedance: High Z, 44k ohms
All levels are increased by +6 dB

EFFECTS SEND:
Load Impedance: 47k ohms or greater
Nominal Output: -20 dBV, 100 mV RMS

EFFECTS RETURN:
Impedance: Very High Z, 470k ohm
Designed Level: -20 dBV, 100 mV RMS

PREAMP OUTPUT:
Load Impedance: 47k ohms or greater
Nominal Output: -10 dBV, 3 V RMS

REMOTE FOOTSWITCH:
Special 3 button unit with LED indicators (supplied)

SYSTEM HUM & NOISE @ NOMINAL LEVEL (Clean channel)
(20 Hz to 20 kHz unweighted)
Greater than 75 dB below rated power
(Special noise gain circuitry for ultra & crunch)

EQUALIZATION:
Custom Low, Mid & High passive type EQ for clean channel
Special thick EQ activated for ultra & crunch channels

PRESENCE:
+46 dB @ 1 kHz
PUSH BRIGHT:
+46 dB @ 3 kHz

TRIUMPH 120

POWER AMPLIFIER SECTION:
4 - 6L6GC's with 12AX7 driver
RATED POWER & LOAD:
120 W RMS into 8 or 4 ohms

POWER @ CLIPPING:
(Typically @ 5% THD, 1 kHz, 120 Vac line)
130 W RMS into 8 or 4 ohms
(Bias must be reduced to measure)

FREQUENCY RESPONSE:
+0.2 dB 50 Hz to 20 kHz @ 100 W RMS into 8 ohms

HUM & NOISE:
Greater than 63 dB below rated power

HUM BALANCE CONTROL:
Adjust for minimum hum @ max gain

POWER CONSUMPTION:
400 Watts, 50/60 Hz, 120 Vac (Domestic)

PREAMP SECTION:
8 - 12AX7s, 1 - 12AT7
The following specs are measured @ 1 kHz with the controls preset as follows:
Low & High EQ @ 10, MID EQ @ 0, Presence @ 0
Ultra & Crunch Pass @ 10, Master Reverb @ 0
(Nominal levels are with Pre Gains @ 5)
(Minimum levels are with Pre Gains @ 10)

PREAMP HIGH GAIN INPUT:
Impedance: Very High Z, 470k ohm

ULTRA CHANNEL: (default channel)
Nominal Input Level: -62 dBV, 0.5 mV RMS
Minimum Input Level: -80 dBV, 0.1 mV RMS

CRUNCH CHANNEL: (footswitch selected)
Nominal Input Level: -62 dBV, 0.8 mV RMS
Minimum Input Level: -74 dBV, 0.2 mV RMS

CLEAN CHANNEL: (footswitch selected)
Nominal Input Level: -20 dBV, 100 mV RMS
Minimum Input Level: -42 dBV, 8 mV RMS

PREAMP LOW GAIN INPUT: (-6 dB Pad)
Impedance: High Z, 44k ohms
All levels are increased by +6 dB

EFFECTS SEND:
Load Impedance: 47k ohms or greater
Nominal Output: -20 dBV, 100 mV RMS

EFFECTS RETURN:
Impedance: Very High Z, 470k ohm
Designed Level: -20 dBV, 100 mV RMS

PREAMP OUTPUT:
Load Impedance: 47k ohms or greater
Nominal Output: +10 dBV, 3 V RMS

REMOTE FOOTSWITCH:
Special 3 button unit with LED indicators (supplied)

SYSTEM HUM & NOISE @ NOMINAL LEVEL (Clean channel)
(20 Hz to 20 kHz unweighted)
Greater than 75 dB below rated power
(Special noise gain circuitry for ultra & crunch)

EQUALIZATION:
Custom Low, Mid & High passive type EQ for clean channel
Special thick EQ activated for ultra & crunch channels

PRESENCE:
+46 dB @ 5 kHz
PUSH BRIGHT:
+6 dB @ 2 kHz
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 États-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.


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 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 purchase was 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 a tube or meter, 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 repair 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.

DATE OF YOUR PURCHASE

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

a. Bring the defective item to any AUTHORIZED PEAVEY DEALER or AUTHORIZED PEAVEY SERVICE CENTER and present therewith the ORIGINAL PROOF OF PURCHASE supplied by you to 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
Highway 90 East
MERIDIAN, MS 35393

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:

a. 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.

b. 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 at the time of damage occurred. 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 attachment 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 LOSSES, 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, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. PROVIDED, HOWEVER, THAT, IF THE OTHER TERMS AND CONDITIONS NECESSARY TO THE EXISTENCE OF THE EXPRESS, LIMITED WARRANTIES, AS HEREBY STATED, HAVE NOT 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 OR EXCLUSION OF IMPLIED WARRANTIES, 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 EXPRESS 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 EXPRESS 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 3289
MERIDIAN, MISSISSIPPI 32302-3289

2. IMPORTANCE OF WARRANTY REGISTRATION CARDS AND NOTIFICATION OF CHANGES OF ADDRESS:

a. Completion and mailing of WARRANTY REGISTRATION CARDS — Should notification become necessary for any condition that may require correction, the REGISTRATION CARD will be used to assure that you are contacted and properly notified.

b. Notice of address change — 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.

4. Please have the Peavey product name and serial number available when communicating with Peavey Customer Service.
DANGER

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 SUITABLY INTENSE NOISE FOR A SUFFICIENT TIME.

THE U.S. GOVERNMENT'S OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) HAS SPECIFIED THE FOLLOWING PERMISSIBLE NOISE LEVELS:

<table>
<thead>
<tr>
<th>DURATION PER DAY IN HOURS</th>
<th>SOUND LEVEL (dB A) SLOW RESPONSE</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>100</td>
</tr>
<tr>
<td>8</td>
<td>90</td>
</tr>
<tr>
<td>12</td>
<td>80</td>
</tr>
<tr>
<td>16</td>
<td>70</td>
</tr>
<tr>
<td>24</td>
<td>60</td>
</tr>
</tbody>
</table>

ACCORDING TO OSHA, ANY EXPOSURE IN EXCESS OF THE ABOVE PERMISSIBLE LIMITS COULD RESULT IN SOME HEARING LOSS.

EAR PLUGS OR EAR MUFFS 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 OCCURS IN EXCESS OF THE LIMITS AS SHOWN ABOVE. TO AVOID RISK OF ADVERSE REACTIONS TO HIGH SOUND PRESSURE LEVELS, IT IS RECOMMENDED THAT ALL PERSONNEL USE EAR PROTECTION REDUCING HIGH SOUND PRESSURE LEVELS. SUCH EAR PROTECTION IS PROTECTED BY THE USE OF EAR MUFFS OR THE USE OF EAR PLUGS. WHILE THE UNIT IS IN OPERATION.

DANGEROUSLY HIGH NOISE LEVELS CAUSE VARIOUS HARMFUL EFFECTS ON THE HEARING.

1. Noise can cause temporary hearing loss, which may be permanent.
2. Noise can cause permanent hearing loss.
3. Noise can cause tinnitus (ringing in the ears).
4. Noise can cause loss of hearing.
5. Noise can cause loss of balance.
6. Noise can cause loss of speech.
7. Noise can cause loss of hearing.
8. Noise can cause loss of hearing.
9. Noise can cause loss of hearing.
10. Noise can cause loss of hearing.
11. Noise can cause loss of hearing.
12. Noise can cause loss of hearing.
13. Noise can cause loss of hearing.
15. Noise can cause loss of hearing.

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Features and specifications are subject to change without notice.