

OWNER'S MANUAL

Fender®

MUSICAL INSTRUMENTS
1300 E. Valencia, Fullerton, California 92631

300 PS
AMPLIFIER
GUITAR / BASS

MANUAL NO. 013041 (D/GF)

Fender[®]

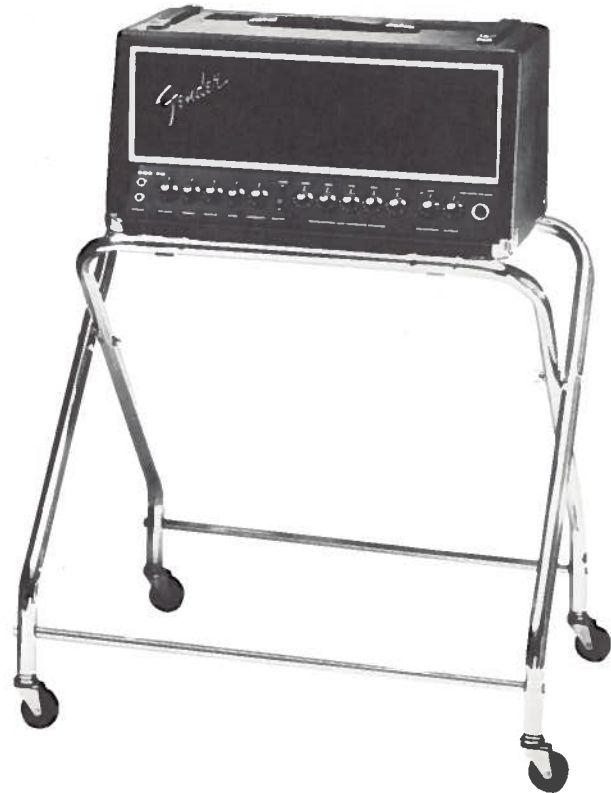
**300 PS
AMPLIFIER
GUITAR / BASS**

Your selection of a Fender amplifier will be rewarded with years of quality music in a dual range of controlled sounds.

This manual is designed to familiarize you with the equipment and acquaint you with its many fine features. Read it carefully so that you will benefit from all of the features as soon as you start using the amplifier.

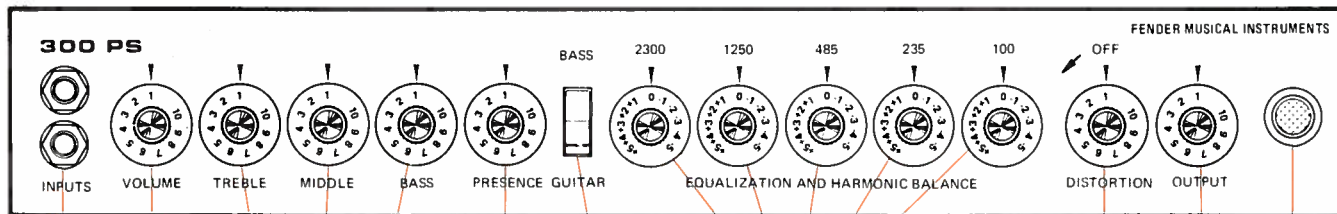
FEATURES

- The 300 P.S. Amplifier is a superb guitar or bass amplifier when used with the matching speaker enclosure. The "BASS / GUITAR" switch on the front amp. panel activates the appropriate circuitry.
- Equalization and Harmonic Balance controls, for maximum "cut" and "boost" and harmonic emphasis at selected frequency bands.
- Distortion and Output Level controls allow any desired degree of distortion to be maintained at any volume without readjustment.
- Foot pedal with EQUALIZATION, DISTORTION and VOLUME BOOST switches which allow any function to be cut in or out instantly.
- PRESENCE control for more "bite".
- OUTPUT LINE / RECORDING JACK for tape recorders, P.A. systems, etc.
- Rugged Fender construction and design projects and maintains professional appearance.
- Special fabric reinforced vinyl covering.
- SPEAKER ENCLOSURE has four 12 inch SPEAKERS with a total of 50 pounds of magnet assembly.



NOTE: The Amplifier Stand is Optional

FRONT PANEL



VOLUME CONTROL

INPUT JACKS

TONE CONTROLS

PRESENCE CONTROL

SELECTOR SWITCH, GUITAR OR BASS

EQUALIZATION and HARMONIC BALANCE CONTROLS

DISTORTION CONTROL

OUTPUT CONTROL

PILOT LIGHT

300 P.S. AMPLIFIER FRONT PANEL FUNCTIONS

INPUT JACKS, 1 and 2

Instrument may be plugged into either jack.

VOLUME CONTROL

Adjusts volume to desired level. This control is also used with the Output and Distortion controls to control the volume of a distorted sound without changing the quality of the distortion.

TONE CONTROLS

TREBLE CONTROL—Provides additional high frequencies as desired. Complemented by bright switch.

MIDDLE CONTROL—Adds rich tone and accents middle register.

BASS CONTROL—Regulates desired amount of bass response.

PRESENCE CONTROL

Adds more "bite" by boosting the higher frequencies.

SELECTOR SWITCH, GUITAR / BASS

Sets the amplifier frequency response to provide optimum performance with bass or guitar, when used with recommended speaker enclosure. All controls, including equalization and distortion, are functional in either mode. See pages 6 and 7 for speaker enclosure specifications.

EQUALIZATION AND HARMONIC BALANCE CONTROLS

This group of five controls can produce wonderful and weird effects far beyond the capability of most amplifiers. Each control can be set to boost or cut the band of frequencies above and below the indicated frequency. The effects can be cut in or out with the foot switch.

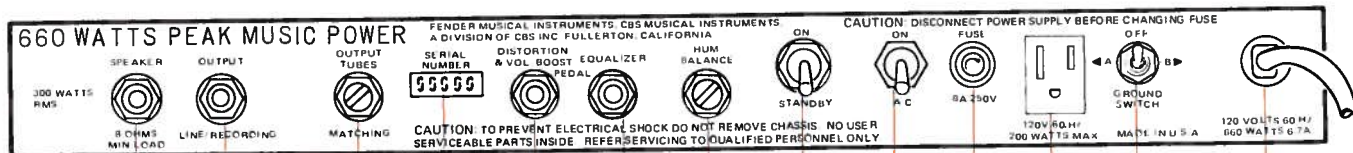
DISTORTION CONTROL and OUTPUT CONTROL

These two controls provide a wide range of distortion effects and allow uniform, controlled distortion at any volume level. These effects can be cut in or out by means of the two switches (marked "EQL" and "DST") on the foot pedal. The controls will not function unless the foot switches are switched to their proper "working" positions, or unless the foot pedal is unplugged from the two "Pedal" jacks (marked "EQUALIZER" and "VOLUME BOOST and DISTORTION") on the rear panel of the amplifier.

PILOT LIGHT

Lights when AC switch is on. Indicates On/Off position of AC switch.

REAR PANEL



SPEAKER JACK

OUTPUT TUBES MATCHING

JACK PEDAL DISTORTION & VOLUME BOOST

SERIAL NUMBER

LINE-RECORDING OUTPUT JACK

JACK PEDAL EQUALIZER

HUM BALANCE

SWITCH STANDBY

AC SWITCH ON/OFF

FUSE

AC ACCESSORY OUTLET 250 WATTS MAXIMUM

GROUND SWITCH

POWER CORD

REAR PANEL FUNCTIONS

SPEAKER JACK

Connects speaker enclosure to amplifier.

OUTPUT LINE/RECORDING JACK

Permits direct connection to recorders, P.A. systems or amplifiers, with input impedances of 200 ohms or more.

OUTPUT TUBES MATCHING

This control makes it unnecessary to use matched power output tubes for optimum performance.

Best balance is obtained by setting the OUTPUT LEVEL to "1" and adjusting for minimum hum level. Ordinarily, no adjustment should be required unless the output tubes are changed.

DISTORTION AND VOLUME BOOST PEDAL, JACK

Used to connect VOLUME BOOST switch (slide) and DISTORTION switch (both on foot pedal) to amplifier for instant on/off control. Use unshielded lead plug.

EQUALIZER PEDAL JACK

Used to connect EQUALIZER switch on foot pedal to amplifier for instant on/off control. Use shielded lead plug.

HUM BALANCE

After the "GROUND SWITCH" has been positioned to minimum hum, the hum balance may be used to further reduce hum. This con-

trol should not need adjustment unless tubes or other components are changed.

STANDBY

Allows tube filaments to remain heated during standby periods. Amplification is instantly available without warm-up time. No danger of unwanted sound during quiet periods.

AC

On/Off switch turns amplifier on and off.

FUSE

8 Amp 250 Volts

CAUTION: Disconnect amplifier A.C. plug from outlet before changing fuse.

Remove fuse by pressing in and unscrewing cap counter-clockwise. Replace only with LITTELFUSE FUSE No. 314008 or BUSSMAN FUSE No. ABC8.

A.C. ACCESSORY OUTLET

(120 V AC, 60 Hz) (Load limit 250 Watts) This socket is provided as a convenience outlet for any A.C. accessory.

GROUND SWITCH

Gives player control of polarity. Positions "A" and "B" ground to each side of the line respectively. The "OFF" position disconnects all but the third line chassis ground. Try each position to find minimum hum condition.

CORRECTIVE CHECK LIST

If your amp is set up but does not function, check the following items:

- Is the amp power supply cable plugged into the wall?
- Is there power at the wall outlet where the amp is plugged in?
- Is the speaker plugged into the amplifier speaker jack?
- Are the tone control knobs turned up above 4?
- Is the volume control on your instrument turned up?
- Is the fuse good?

If, after checking all of the above, the system is still not performing correctly, consult your authorized Fender Service Dealer.

CARE OF VINYL COVERING

If the vinyl covering and handles require cleaning, use a mild soap and warm water solution, wipe with a damp cloth, and buff dry with a terry cloth. This will restore the original luster.

REPLACEMENT PARTS

Under the terms of the limited warranty in the back of this manual, defective parts will be replaced by your authorized Fender dealer.

Fender Original Equipment tubes are designed and built to provide optimum performance in musical instrument amplifiers.

To maintain best performance and quiet operation, replacement should be made with original equipment tubes from your authorized Fender dealer.

Fender Musical Instruments furnishes warranty service only through authorized Fender dealers.

300 PS BASS SPEAKER ENCLOSURE



- This is a premium-grade heavy-duty enclosure containing four custom-designed 12 inch speakers. The frequency response is ideal for producing electric bass sounds.
- Each speaker has a 12½ pound magnet assembly and a 2 inch aluminum voice coil for very high efficiency and power handling ability.
- The enclosure and the 300 PS amplifier form a matched system capable of producing extremely high levels of sound. Therefore, for extended amplifier life, do not place the amplifier on the enclosure, and, to prevent rattles, remove the casters.

300 PS GUITAR SPEAKER ENCLOSURE

- This is a premium-grade heavy-duty enclosure containing four custom-designed 12 inch speakers. The frequency response is ideal for producing electric guitar sounds.
- Each speaker has a 12½ pound magnet assembly and a 2 inch aluminum voice coil for very high efficiency and power handling ability.
- The enclosure and the 300 PS amplifier are a matched system capable of producing extremely high levels of sound. Therefore, for extended amplifier life, do not place the amplifier on the enclosure, and, to prevent rattles, remove the casters.



INSTRUMENTS

ACCESSORIES

FENDER AMPLIFIER COVERS

Waterproof, tear and abrasion-resistant amplifier covers are available for every Fender amp. They prevent surface damage to the amplifier and keep out dust. Lined with soft flannel, these black vinyl covers feature the amplifier model name and Fender trademark.



UNIVERSAL AMPLIFIER STAND

Recommended for the 300 PS amplifier. Strong metal construction with casters. Holds amp at convenient level. Folds for carrying.



STARCASTER

- Dual pickup and tone controls with master volume control.
- Two Humbucking pickups. Mellow, brilliant, or anywhere in between.
- Semi-acoustic THINLINE cutaway body. Solid wood center block for maximum sustain.



PRECISION BASS

- Split pickup design for even string response.
- Wide contoured neck to facilitate advanced playing style.
- Wide range volume and tone controls.

WARRANTY

Fender Musical Instruments warrants this product to be free from defects in materials and workmanship for a period of one year from date of purchase. The warranty herein extends only to the original purchaser at retail of a new product. This warranty shall not apply to products purchased from anyone other than an authorized Fender dealer, or to products which have been subject to alteration, misuse, accident, neglect (such as extremes of temperature and/or moisture), or to wear resulting from normal usage.

The warranty herein becomes effective upon receipt of the completed attached owner registration card within ten (10) days after date of purchase. Upon its receipt the owner will be sent a personalized Fender warranty identification card. Presentation of the card within the warranty period will entitle the owner to receive authorized service and repair from any authorized Fender dealer. Such service and repair shall include all labor and materials necessary to make the repairs and replacements covered under the terms of this warranty.

If the product must be returned to the factory service center for repair, it must be accompanied by an authorized Fender dealer's written direction to such effect and a Fender shipping label. Transportation charges to and from the service center shall be borne by the owner unless otherwise specified by law. This warranty is expressly in lieu of all other agreements and warranties, express or implied, except as may be otherwise required by law.

WARRANTY REGISTRATION CARD BASSMAN 100 AMPLIFIER

The Fender warranty becomes effective only if this card is returned to Fender Musical Instruments within ten (10) days after purchase. It should be filled out, signed, detached, and mailed immediately. Upon receipt of this card you will be mailed your Fender-owner identification card.

Purchase date _____ Serial No. _____

Owner's name _____ Age _____ Sex _____

Address _____ City _____ State _____

Zip _____ Purchased from _____ State _____

City _____ State _____

Owner's Signature _____

I am: professional semi-professional amateur

I bought a Fender because of:

Personal preference Advertising Reputation Recommended Other

Education: _____ Years _____

List two of your favorite magazines _____

Litho U.S.A.



PLACE
STAMP
HERE

FENDER MUSICAL INSTRUMENTS
1300 E. Valencia
Fullerton, California 92631

Attn: Warranty Registration