Your selection of a Fender amplifier will be rewarded with years of quality music in a wide 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.

60 WATTS RMS AND 132 WATTS PEAK MUSIC POWER

WARNING
TO REDUCE THE RISK OF FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE

FENDER SPECIAL DESIGN ELECTRONIC TUBES PROVIDE OPTIMUM PERFORMANCE IN THIS AMPLIFIER. FOR BEST RESULTS, REPLACE WITH FENDER ORIGINAL EQUIPMENT TUBES ONLY

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
IMPORTANT

TO REDUCE POSSIBLE PERCEPTIBLE LEAKAGE CURRENT THIS EQUIPMENT IS PROVIDED WITH A GROUNDING TYPE POWER SUPPLY CORD. CONNECT EQUIPMENT TO A GROUNDED RECEPTACLE.

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Operation from an ungrounded (2 pronged) A.C. receptacle requires a 3 to 2 contact grounding type A.C. adapter. Be sure to connect the adapter's grounding lead to a good earth ground. DO NOT ALTER THE A.C. PLUG.

Reversing the A.C. adapter in a two conductor A.C. receptacle or changing the GROUND SWITCH position (when provided) may reduce the A.C. power line hum and noise levels. Unless an advantage is apparent, ALWAYS SET THE GROUND SWITCH TO "OFF".
FRONT PANEL
FRONT PANEL FUNCTIONS

NORMAL CHANNEL

INPUT JACKS
Jack No. 1 for use when one instrument is used.
Jack No. 2 for use with second instrument or
equipment with high output level.

BRIGHT SWITCH
Adds brilliance to all notes, especially higher
frequency notes.

VOLUME CONTROL
Volume setting from zero to full power output.

TONE CONTROLS
Treble Control – Regulates the amount of high
frequency response. Complemented by bright
switch.

Bass Control – Regulates the amount of bass
response.

REVERB CHANNEL

INPUT JACKS
Jack No. 1 for use when one instrument is used.
Jack No. 2 for use with second instrument or
equipment with high output level. These are the
switching inputs.

CHANNEL SWITCH
Switch “OFF” – In this position both front panel
LEDs will light and both channels will operate
independently of each other. The “Channel”
Pedal will be inoperative.
Switch “ON” – In this position the instrument
MUST be plugged into the Reverb Channel to
utilize the channel switching feature from
NORMAL to REVERB and vice versa.
The Red LED in the Pedal and the Reverb
Channel’s LED will light when the instrument is
operating through the Reverb Channel. When the
FRONT PANEL FUNCTIONS

CHANNEL SWITCH (CONT)
Red LED in the Pedal is NOT lit and the NORMAL CHANNEL'S LED is lit, the instrument (still plugged into the Reverb Channel) will operate through the Normal Channel.

GAIN
Volume setting from zero to full power output. Pull knob for boost.

TONE CONTROLS
Treble Control - Regulates amount of high frequency response. Pull knob for boost.
Middle Control - Adds rich tone and accents middle register. Pull knob for boost.
Bass Control - Regulates amount of bass response. Pull knob for "FAT" bass.

REVERB CONTROL
Selects amount of reverberation.

VOLUME CONTROL
Regulates the volume output of the Reverb Channel. For cleanest sound set to 10 and adjust sound output with the Gain Control. For maximum distortion set Gain Control to 10 and adjust sound output with the "Volume Control."

STANDBY SWITCH
This allows the tube filaments to remain heated during standby periods. Amplification is instantly available without warm-up time. No unwanted sounds during quiet period.

AC SWITCH
This switch turns AC power ON or OFF.
FEATURES

• New Dual Pedal Switch with 20 foot cable selects the Normal Channel or Reverb Channel, and Reverb ON/OFF. Red lamp indicates Reverb Channel "ON." Green lamp indicates Reverberation "ON."
• New Six Spring Reverb unit to enhance Reverb Channel tone.
• New Boost Switch on Gain Control
• New Treble Boost Switch on Treble Control
• New Middle Boost Switch on Middle Control
• New Bass Boost Switch on Bass Control
• New Channel Switch
• Bright Switch
• Extension Speaker Jack
• Line/Recording Jack with Level Control
• Hum Balance Control
• Three-Position Ground Switch
• AC Accessory Outlet
• Jeweled Pilot Light
REAR PANEL
REAR PANEL FUNCTIONS

AC ACCESSORY OUTLET
(120 V AC, 60 Hz) (Load limit 250 Watts). This socket is provided as a convenience to be used for any AC accessory.

GROUND SWITCH
Gives player control of polarity. Position on each side is ground to each side of the AC line respectively. The center position disconnects all but the third line chassis ground. Try each position to find the minimum hum.

FUSE
CAUTION -- Disconnect amplifier AC plug from outlet before changing fuse. Remove fuse by pressing in and unscrewing cap. Use fuse type specified on chassis backplate.

SPEAKER JACK
Connects speakers to amplifier.

EXTENSION SPEAKER JACK
Provides a connection to an extension speaker enclosure.

LEVEL CONTROL
Controls output level from Line Out jack.
REAR PANEL FUNCTIONS

LINE OUT JACK
Permits direct connection to recorders, P.A. systems or amplifier with input impedance of 1,000 ohms or more.

CHANNEL PEDAL JACK
Provides means to connect Channel Pedal.

REVERB PEDAL JACK
Provides means to connect Reverb Pedal. Green LED indicates Reverb operative.

REVERB OUTPUT JACK
Provides means to connect reverb cable with gray plug.

REVERB INPUT JACK
Provides means to connect reverb cable with red plug.

HUM BALANCE
After the "GROUND SWITCH" has been positioned to minimum hum, the hum balance may be used to further reduce hum. This control should not need adjustment unless tubes or other components are changed.
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 all the 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 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, defective parts will be replaced by your authorized Fender dealer. Fender Original Equipment tubes are designed and built to provide optimum performance in musical amplifiers. To maintain best performance and quiet operation, replacement should be made with original equipment tubes. Fender Musical Instruments furnishes Warranty service through authorized Fender dealers.
NOTE:
SEE ACCOMPANYING LIMITED WARRANTY
REGISTRATION SHEET

Fender®
MADE IN U.S.A.

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