CONGRATULATIONS

Congratulations! You have just purchased a wealth of entertainment pleasure with your new Fender Solid State Amplifier. Welcome to the discriminating family of Fender Equipment owners. You have the satisfaction of knowing that your new Fender unit is the worlds finest in sound equipment. The custom-crafted care of Fender tradition incorporates the latest engineering advances in solid state, all-transistor circuitry and design. Your new Fender Solid State Amplifier offers you a variety of outstanding features to explore and experience, so review this Owner's Manual carefully.

To prolong and increase the playing enjoyment of your new Fender Solid State Amplifier, be sure to read the sections entitled "Accessories" and "Maintenance." Please complete and return the attached warranty card to extend your guarantee to one year and also to receive "Fender Facts" publications.

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.
VIBROLUX/REVERB

An ideal compact amplifier for clubs and studios. High power capabilities include built-in reverb and vibrato. Good looks for years to come are yours with Fender styling. Vinyl "Tolex" covering retains a new appearance even with hard professional use.
The Vibrolux/Reverb contains two special design heavy duty 10" speakers and develops 42 watts RMS power, 60 watts EIA music power and 120 watts peak power.

DELUXE/REVERB

The Deluxe/Reverb is Fender's smallest solid state amp... in size only. Its big power sound must be heard to be appreciated. It has built-in reverb and vibrato, perfect for small clubs, recording and home use. Professional guitarists find that this high performance amplifier more than fulfills their demanding requirements.
The Deluxe/Reverb has one 12" heavy duty special design speaker. RMS power 32 watts; EIA music power 50 watts and 100 watts peak.
**Front Controls**

**Instrument Input**

2 channels are available with 2 inputs each channel. Use Jack No. 1 for single instrument or high impedance devices (such as one guitar, one bass, etc.) Use jack No. 2 for high signal output devices (such as tuner and mike amplifiers etc.), to prevent overloading. Jack No. 2 gives a 50% reduction in input when used alone. Both inputs are used at the same time, the inputs are identical.

**Bright Switch**

BRIGHT switch: Each of the dual channels has a BRIGHT switch which provides brilliance to all notes but especially to the higher frequency notes.

**Volume**

VOLUME control: Each of the dual channels has a Volume control providing volume settings from zero to full power.

**Treble**

TREBLE control: Each of the dual channels has TREBLE control providing extreme widths of treble reproduction with TREBLE “Cut” and TREBLE “Boost” allowing the player to select his own requirements. Treble can be augmented by the BRIGHT switch and STYLE switch.

**Bass**

BASS control: Each of the dual channels has a BASS control providing BASS “Boost” or BASS “Cut,” allowing the player to select his own bass response requirements.

**Vibrato Speed**

VIBRATO SPEED control: This control regulates the rapidity of the vibrato effect and is variable from zero to extremely fast settings.

**Vibrato Intensity**

VIBRATO INTENSITY control: Regulates the variation in the vibrato signal strength and can be set to any degree to meet the players requirements.

**Reverb**

REVERB control: Regulates the amount of reverberation signal strength desired.

**Pilot Light**

Lights when amplifier is turned on.
Rear Controls

Off-Ground Switch:
Combined for easy
reversal. To turn the
amplifier on, move the
switch either up or down
to the center off
position (on or reverse).

NOTE: On export
Model, AC Accessory
Socket is replaced by
Main Selector Switch
and Fuse Holder.
When selecting voltages
use HIGHEST VOLTAGE
SETTING FIRST.

AC Accessory Socket:
110V - 120V 60 Hz is
available at this socket
whether or not the
amplifier is turned “on”
or “off.” Load on
Accessory Socket should
be limited to 200-Watt
maximum load.

Vib-Rev Jack: Dual foot
switch control jack
allows foot switch selec-
tion of Vibrato and
Reverb to “on” or
“off” when Fender
remote foot switch is
plugged into this jack.

Vibrato Reverb Jack

Speaker Jack Internal:
Connects internal
speaker to amplifier.
Caution: Extension
speakers can be used
with this jack, but any
combination should
result in four ohms
input impedance
minimum to prevent
mismatch.

Circuit Breaker: For
extra convenience, a
Circuit Breaker rather
than a line fuse has
been installed on the
back panel. Should a
surge in line power
cause the amplifier to
temporarily cease opera-
tion, simply push the
red button marked
“reset.”

Internal Speakers Jack

External Speaker Jack:
Provides instant con-
nection to a second
speaker such as the
Fender 12”, 15” or pig-
ny back extension
speakers.
CONTROL OPERATION

1. Insert cable from instrument or microphone into Amplifier front panel jacks, either Normal Channel marked 1 and 2 or Vibrato Channel marked 1 and 2.

2. Plug power cord from the Amplifier into a 117 VAC 60 Hz outlet.

   CAUTION: Before performing step 3 set Volume Controls on front panel at zero to prevent possible damage to speakers.

3. Turn the On-Off Switch, located on the back panel, to the "on" position.

4. Check to see that the pilot light on the front panel is lit.

5. Adjust Volume Controls to the desired level.

6. Change position of On-off-ground switch to eliminate undesirable noise and hum.

Cover Care

An occasional cleaning with a soft moist cloth should remove both fingerprints and dulling film from the Tolex cover.

Power Consumption

ZERO SIGNAL—10-Watts Vibrolux/Reverb, 10-Watts Deluxe/Reverb
MAXIMUM SIGNAL—140-Watts Vibrolux/Reverb, 100-Watts Deluxe/Reverb
POWER REQUIREMENT—117 Volts-60 Hz.

Speaker Fuse

Extractor type fuse is easily accessible for replacement from the back panel, right hand side. Replace with 6 amp fast acting fuse only, (4 amp fast acting fuse—Pro/Reverb and Super/Reverb). If everything is normal but no sound is heard from the speakers, check the speaker protection fuse.
ELUXE/REVERB AMP
- Heavy-Duty special Design 12 Inch Speakers.
- Amplifier Model: Fender Deluxe/Reverb
- Art No: 081828
- Affle: Open
- Number Used: 1
- Size: 12 inch
- Impedance: 8 ohms
- Total Impedance: 8 ohms
- Resonance: 80 Hz
- Voice Coil Size: 1½”
- Magnet Weight (oz): 20 oz. ceramic
- Output Voltage: 12V.

IBROLUX/REVERB AMP
- Heavy-Duty special Design 10 Inch Speakers.
- Amplifier Model: Fender Vibrolux/Reverb
- Art No: 064121
- Affle: Open
- Number Used: 2
- Size: 10 inch
- Impedance: 8 ohms
- Total Impedance: 4 ohms
- Resonance: 95 Hz
- Voice Coil Size: 1½”
- Magnet Weight (oz): 20 oz. ceramic
- Output Voltage: 10V.

Fender Amplifier Covers
Waterproof, tear and abrasion-resistant amplifier covers are available for each 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.

Fender Amplifier Cases
For those desiring the utmost in amplifier protection, Fender offers a case to completely house each amp. These cases are of .060” fibre and will protect the amp from rough treatment. Nickel plated corners protect the case from scuffing, and overlapping seams are securely riveted. The amp rests in a shallow tray to make high lifting unnecessary. The case top then fits over the amp and tray and is securely fastened by heavy web straps completely encircling the case. All have heavy duty handles on the top, and those fitting the larger amps have handles on both ends. Cases also available with swivel casters.
Fender Kords

Fender Kords and Koil Kords with molded plugs afford a wide selection for any instrument. All cable ends and solder points are embedded and isolated from each other in a solid body of high impact insulating material. They are virtually indestructible and the solid molding material permanently and flexibly anchors the cable to the plugs. Strain relief is provided at all times. Both types are available with either two straight plugs or one straight plug and one right angle plug. Koil Kord lengths: 15’ and 20’. Kord lengths: 8’, 12’, 15’ and 20’.

Fender Amp Stand

Fender Amplifier Stands are available to accommodate all large amps including Public Address columns. These attractive stands tilt the amplifier backward at various degrees in order to locate the sound to the far corners of any club or hall. The stand is equipped with wheels on the rear legs to allow easy movement. It is easy to install, extremely sturdy, and heavily chromed to retain its handsome appearance.

Fender Dimension IV

The name implies a new dimension in sound and that’s just what it delivers. An organ-type sound emanates from any instrument using the Dimension IV in conjunction with an amplifier which contains built-in reverb. It is an inexpensive, light-weight accessory producing a true, sustained vibrato sound with a suggestion of echo. Should you, as a musical variety, wish to change to straight reverb, it is possible to do so by changing the “reverb-vibrato” switch on the front panel to “reverb.”
**Fender Fuzz-Wah**

Only Fender has produced a unit so far out! Push the pedal side to side... the result is fuzz that really is. Up and down and the pedal produces a wild wah effect. Combine both actions and both effects run rampant. When utilizing both channels of a two-channel amplifier, one channel will control the volume and tone of the instrument while the other controls the volume and tone of either fuzz, wah, or both. It is therefore possible to obtain any degree or variation of both effects. Wild!

**Fender Vibratone**

Give yourself a complete new experience in sound with the Fender Vibratone. The vibratone incorporates the famed Leslie vibrato Speaker System which, when used in conjunction with a standard amplifier, gives all instruments, including guitar and organ, a tonal versatility from cathedral elegance to funky blues depending on your control settings. Two distinctly different tremolo sounds are available as the unit has two speeds controlled by a foot switch. A second switch enables the player to change from the regular guitar amplifier's speaker to the Vibratone. A unique crossover system allows both low and very high frequencies to always emanate from the regular amp speaker(s) when the signal is switched to Vibratone. This maintains a constant clean mid-range tremolo tone in the Vibratone Unit. Construction is of ¾" wood with lock-joint corners to withstand hard professional use. It is covered in black vinyl "Tolex" and has silver-blue grill cloth to match Fender Amplifier styling.

**Fender Echo-Reverb Unit**

Utilizing a unique disc-type delay, the Echo-Reverb Unit delivers echo, reverb-eration and vibrato. This transistorized electrostatic memory system stores audio signals for a moment; then reproduces and repeats them. Individual echoes or a reverberant effect from a blend of rapidly repeating echoes may be obtained. Light vibrato is incorporated in the circuit and is present at any setting. The cabinet is built to take the hardest professional use and styled to match Fender Amplifiers. Front controls include: echo volume (including power on-off), reverb-eration, echo delay (settings of long-short-combined), remote foot switch jack, two instrument input jacks, amplifier output jack and pilot light.
**Maintenance and malfunction tips**

- The finest workmanship, materials and components are employed in the manufacture of Fender amplifiers. Professional amplifier circuitry is employed throughout. Tough black vinyl Tolex covering material is easily kept clean and new looking. It resists abrasions and scuffs and is unaffected by climate variations. An occasional cleaning with a soft moist cloth should remove both fingerprints and dulling film from the Tolex cover. The cabinet's ½ inch wood, with lockjoints corners, will withstand hard professional use.
- Be certain the loudspeaker of the amplifier is plugged into the proper jack and not into the extension speaker jack. Check fuse in back of panel.
- The extension speaker jack will not operate unless a speaker is plugged into the regular speaker jack.
- The transistor circuits in this amplifier have been expertly engineered so that with careful operation, long life for the transistors can be expected.
- Power requirements are a standard 110-120 VAC 60 cps. Normal line variations will not effect operation.

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With the purchase of your Fender Amplifier, you automatically receive the 90 day free parts warranty as detailed on the back cover of this booklet. You can extend your parts warranty to one full year as detailed. Simply fill out this card, detach it, and mail to Fender Musical Instruments.

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**Important!** You must fill in this card to extend your parts warranty to ONE FULL YEAR!

**ONE YEAR EXTENDED WARRANTY** “Fender Musical Instruments’ regular ninety (90) days parts warranty and the terms and conditions thereof shall be extended to a period of one (1) year for any Fender amplifier provided the purchaser fills out and mails to Fender Musical Instruments, within ten (10) days from the date of original purchase, the Fender amplifier warranty registration shown herein.

Fender Musical Instruments does not assume by virtue of its extension of the warranty period from ninety (90) days to one (1) year, any obligations or liabilities in addition to those set forth in its regular ninety (90) days parts warranty and all the terms and conditions of such warranty shall be applicable to the one (1) year warranty provided for herein.

The one (1) year warranty period is expressly in lieu of and not in addition to, the ninety (90) day warranty period.”
WARRANTY

Fender Musical Instruments warrants the parts in any Fender Solid-State Amplifier to be free from defects in workmanship and material arising from normal usage. Its obligation under this warranty is limited to replacing any such parts of the solid-state amplifier which, after regular installation and under normal usage and service, shall be returned within ninety (90) days from the date of original purchase of the solid-state amplifier to the authorized dealer from whom the purchase was made and which shall be found to have been thus defective in accordance with the policies established by Fender Musical Instruments. All transistors are guaranteed for one year. The obligation of Fender Musical Instruments is limited to making replacement parts available to the purchaser, and does not include either the making or furnishing of any labor in connection with the installation of such replacement parts nor does it include responsibility for any transportation expense. Fender Musical Instruments assumes no liability and shall not be liable in any respect for failure to perform or delay in performing its obligations with respect to the above warranty if such failure or delay results, directly or indirectly, from any preference, priority or allocation order issued by the Government, or because of any other act of the Government, or by war, conditions of war, inadequate transportation facilities, conditions of weather, acts of God, strikes, lockouts, Governmental controls, or Fender's reasonable requirements for manufacturing purposes, or any cause beyond its control or occurring without its fault, whether the same kind or not.

CONDITIONS and EXCLUSIONS This warranty is expressly in lieu of all other agreements and warranties, expressed or implied, and Fender Musical Instruments does not authorize any person to assume for it the obligations contained in this warranty and neither assumes nor authorizes any representative or other person to assume for it any other liability in connection with such solid-state amplifier or parts thereof. The warranty herein extends only to the original consumer purchaser and is not assignable or transferable and shall not apply to any solid-state amplifier system or parts thereof which have been repaired or replaced by anyone else than an authorized Fender dealer's service contractor, or which have been subject to alteration, misuse, negligence or accident, or to the parts of any solid-state amplifier which have had the serial number or name altered, defaced or removed.

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Columbia Broadcasting System, Inc.