

Fender[®]

THE SOUND THAT CREATES LEGENDS

**Deluxe
112**

Owner's Manual

P/N 039358

DELUXE 112 OWNER'S MANUAL

The Fender DELUXE 112 amplifier is a straight-ahead combination of radical new distortion sounds and time-tested *Classic Fender Sounds* packaged together in a Solid-State configuration, which is both easy to use and inherently reliable.

The DELUXE 112 NORMAL Channel features the standard compliment of VOLUME, TREBLE, MID, and BASS controls. The DRIVE Channel features GAIN, VOLUME, and a separate EQ consisting of CONTOUR, TREBLE, and BASS controls. The almost unlimited combinations of the GAIN and CONTOUR controls will vary your sound from *smooth and bluesy* to a *honky bite* or all the way to ten for the *crunchiest* sounds around. You get *searing smooth* highs backed by *deep* punch. The TREBLE and BASS controls give you continuous adjustment of the highs and lows, allowing the DELUXE 112 to be the perfect compliment to your individual playing style.

In addition to convenient features like *All Front Panel Mounted Controls*, the DELUXE 112 features a detachable footswitch for selecting the DRIVE Channel and REVERB. Standard 1/4 inch phone jacks are used for ease of connection or extension of the footswitch to remote pedal boards. The PREAMP OUT & POWER AMP IN jacks can be used as an effects loop or as Send and Return points while slaving multiple amps together or for direct connection to recording and sound reinforcement mixers. The possibilities are endless (eg: by inserting a Chorus pedal between the PREAMP OUT of one amp and the POWER AMP IN of another, a true stereo image effect can be achieved).

Last, but definitely not least, the Fender DELUXE 112 packs a new power amp that is based on a radically underdamped design that interacts with the speaker in much the same way as a tube amplifier does, producing sparkle and punch with an increase in apparent loudness and power that defies comparison to other similarly rated units. Also included is a sophisticated, transparent protection scheme designed to completely prevent amplifier failure due to bad speaker cords or incorrectly connected speaker jacks. This amp is LOUD and can reliably put it out, night after night.

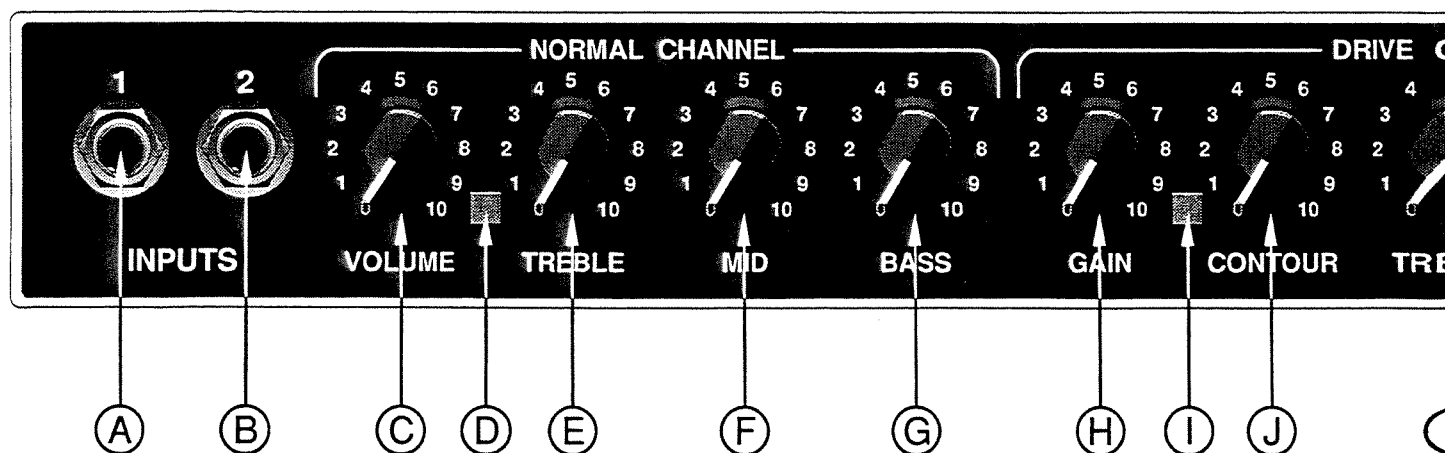
The selection of a Fender amplifier will reward you with years of quality music in a wide range of controlled sounds. This manual is designed to familiarize you with the equipment and to acquaint you with its many fine features. Read it carefully so that you will benefit from all the features as soon as you start using the amplifier.

The built-in quality of a Fender amplifier is the result of over three-and-a-half decades of dedication in the combined skills of research and development by our engineers and musicians.

That is why we proudly say.... FENDER, The Sound That Creates Legends.

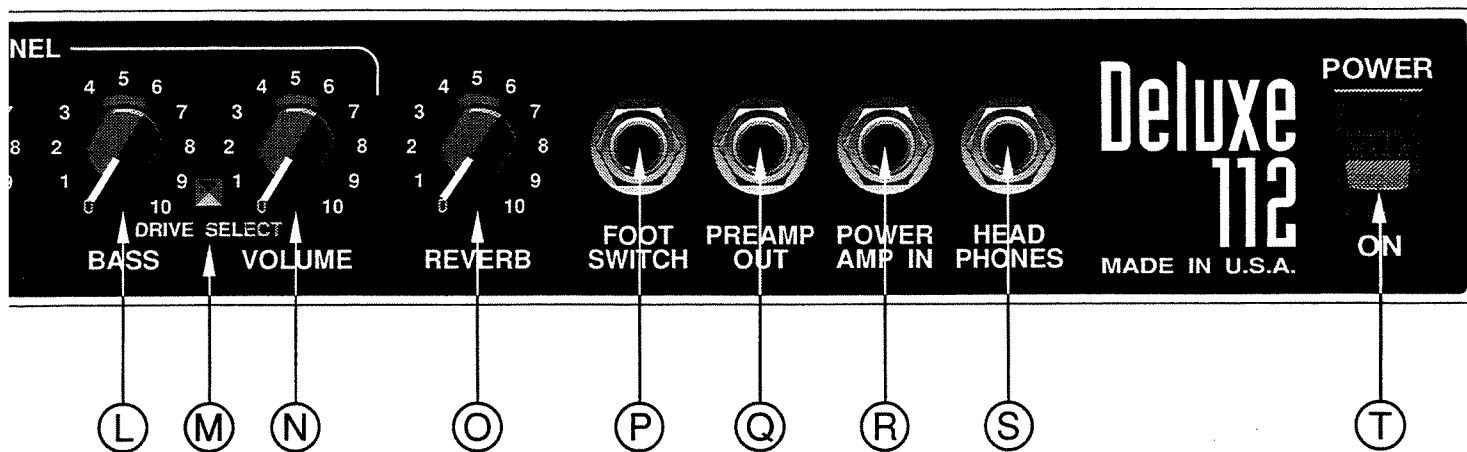
WARNING: TO REDUCE THE RISK OF FIRE OR SHOCK HAZARD, DO NOT EXPOSE AMPLIFIER TO RAIN OR MOISTURE.

NO USER SERVICEABLE PARTS INSIDE, REFER SERVICING TO QUALIFIED PERSONNEL ONLY.



DELUXE 112 FRONT PANEL FUNCTIONS

- A. INPUT 1** — A high impedance, high sensitivity plug-in connection for instruments.
- B. INPUT 2** — A plug-in connection for instruments. This input exhibits lower input impedance and sensitivity than INPUT 1, and is useful with active pre-amp guitars. This input will provide a darker tone with passive guitars. Both inputs are identical when used simultaneously.
- C. VOLUME** — Adjusts overall volume of the *NORMAL* channel.
- D. NORMAL CHANNEL INDICATOR** — This L.E.D. is illuminated when operating in the *NORMAL* channel.
- E. TREBLE** — Adjusts the amount of high frequency boost or cut in the *NORMAL* channel.
- F. MID** — Adjusts the amount of mid frequency boost or cut in the *NORMAL* channel.
- G. BASS** — Adjusts the amount of low frequency boost or cut in the *NORMAL* channel.
- H. GAIN** — Adjusts the amount of distortion in the *DRIVE* channel. Lower settings provide a gradual compression distortion, while higher settings provide more sustain. This control works in conjunction with the *DRIVE* channel VOLUME control (item N) to set the overall volume of the *DRIVE* channel.
- I. DRIVE CHANNEL INDICATOR** — This L.E.D. is illuminated when operating in the *DRIVE* channel.
- J. CONTOUR** — Adjusts the overall tone quality of the *DRIVE* channel. Low CONTOUR settings will emphasize mid frequencies. A higher setting will notch the midrange to produce the “crunch” sound characteristic in most heavy metal music.
- K. TREBLE** — Adjusts the amount of high frequency boost or cut in the *DRIVE* channel. This control is post distortion and is useful in adjusting the distortion characteristic from smooth to brash.



- L. BASS** — Adjusts the amount of low frequency boost or cut in the *DRIVE* channel. This control is post distortion and is useful for adjusting the amount of “thump” or “chunk” produced by the *DRIVE* channel.
- M. DRIVE SELECT** — When this button is pressed, the amp switches from the *NORMAL* channel to the *DRIVE* channel. NOTE Pressing this switch disables the CHANNEL SELECT footswitch button.
- N. VOLUME** — Adjusts the overall volume of the *DRIVE* channel.
- O. REVERB** — Adjusts the amount of reverb present in both the *NORMAL* and *DRIVE* channels.
- P. FOOTSWITCH** — Plug-in connection for a remote footswitch to switch between the *NORMAL* and *DRIVE* channels and to turn the REVERB on and off. NOTE: Any good quality patch cord will work with the remote footswitch; however, a speaker grade cord is preferable to a coax guitar cord when it’s available.
- Q. PREAMP OUT** — This jack provides an unbalanced output signal from the preamp. This jack can be used with the POWER AMP IN jack (item R) as a patch point for effects.
- R. POWER AMP IN** — This jack provides an input directly to the power amp. It automatically disconnects the preamp signal when used. This is useful when using effects, or when the DELUXE 112 is used as a slave amplifier.
- S. HEADPHONE** — This jack provides an output to standard stereo or mono headphones for private listening. NOTE: Use of this jack automatically disables the main speaker. CAUTION: Prolonged listening at high levels may be hazardous to your hearing!
- T. POWER SWITCH** — Turns the AC power on and off. When the switch is in the off position, the amplifier is completely shut down.



DELUXE 112 REAR PANEL FEATURES

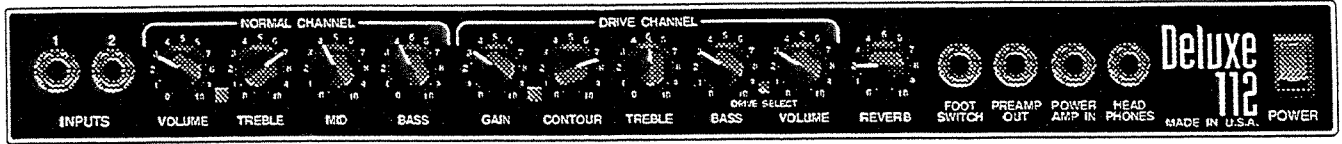
LINE CORD

This amplifier is equipped with a grounding type supply cord to reduce the possibility of shock hazard caused by leakage current. Be sure to connect it to a grounded AC receptacle.

VINYL CARE

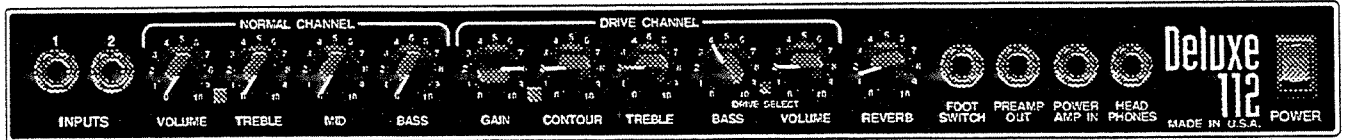
The exclusive Fender vinyl covering on your cabinet has been especially designed for years of lasting beauty. A very light, soapy solution on a sponge may be used to remove dirt and residue that may accumulate in the grain. Be careful not to let any liquid come in contact with operating surfaces. DO NOT have the amplifier plugged into a power outlet when cleaning.

Standard Strat / General Purpose / Any Pick-Up Combination



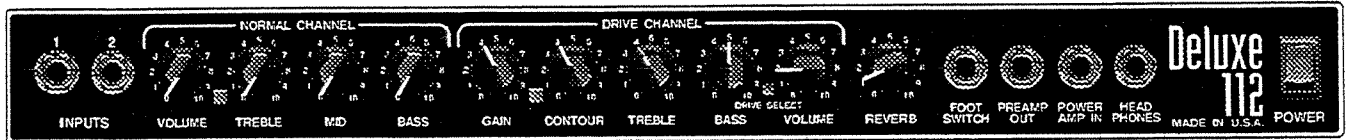
Strat Insanity / Any Pick-up Combination

Note: Uses the drive channel only



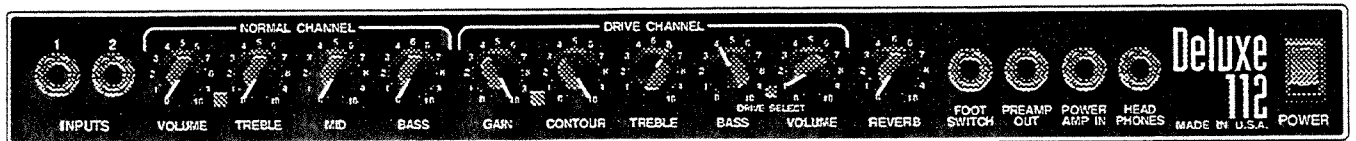
Smooth Rock Lead / Humbucking Bridge Position

Note: Uses the drive channel only



Mega Crunch / Humbucking Bridge Position

Note: Uses the drive channel only



TROUBLESHOOTER'S CHECKLIST

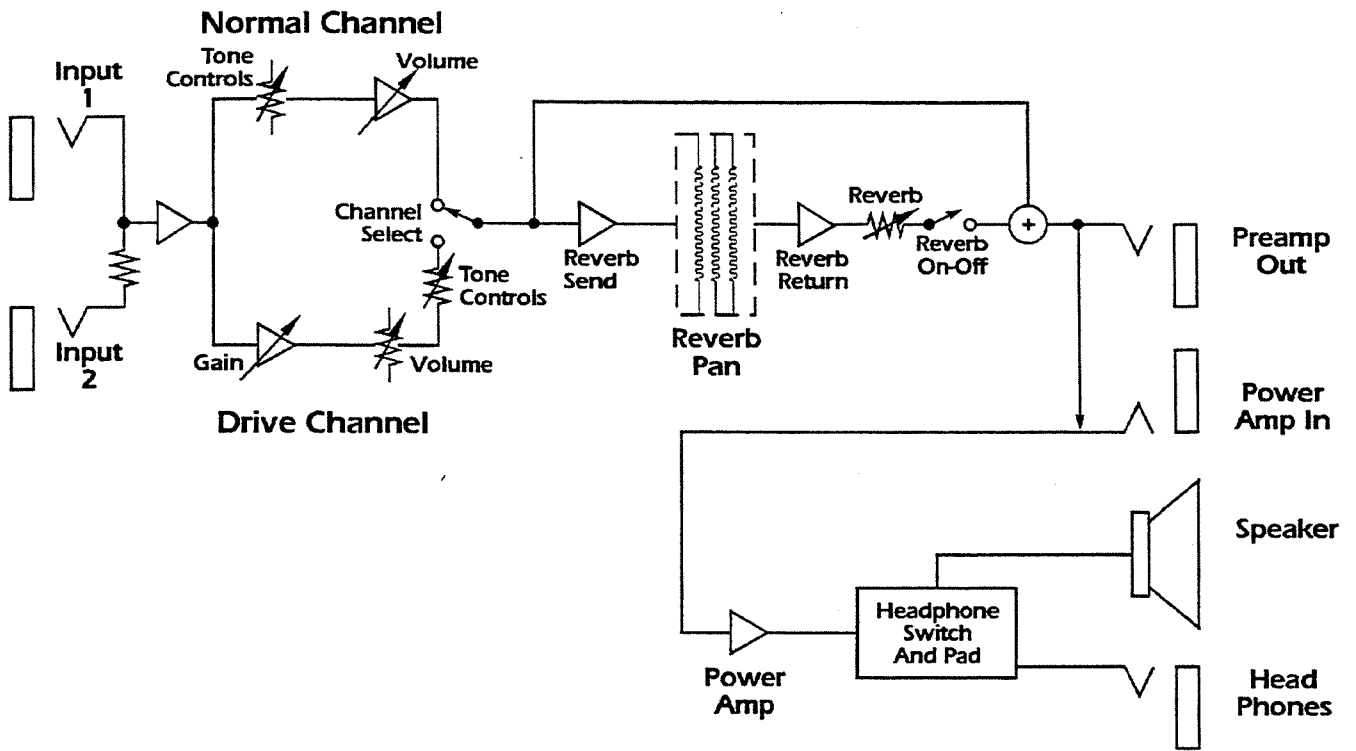
- Is the power cord properly plugged into an electrical outlet?
- Is there power at the outlet?
- Is the speaker properly connected to the amplifier?
- Are all the control knobs turned up above four?
- Is the volume control on the instrument turned up?
- Is your instrument properly plugged into the amplifier?
(Eliminate all effects and try another guitar cord.)

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

DELUXE 112 SPECIFICATIONS:

TYPE:	PR 205
PART NUMBER:	120V Version: 22-6702 230V Version: 22-6732
DIMENSIONS:	Height: 16-1/2" (41.9 cm) Width: 20-5/8" (50.5 cm) Depth: 9" (22.9 cm) Weight: 32 Lbs. (14.4 kg.)
POWER OUTPUT:	65 Watts R.M.S. into 8 ohms at 5% T.H.D.
INPUT IMPEDANCE:	Input 1: 850 Kohms Input 2: 66 Kohms
EFFECTS LOOP:	Preamp Output Impedance: 1 Kohm Power Amp Input Impedance: 44 Kohm Power Amp Sensitivity: 1.0V for clipping
POWER REQUIREMENT:	100 - 120VAC, 50-60 Hz, 2A max 230 - 240VAC, 50 Hz, 0.9A max
SPEAKER:	Fender Special Design 12", 8 ohm (P/N 025923)
SOUND:	<i>Classic</i> to BANKERS! ...and all points in between!

DELUXE 112 BLOCK DIAGRAM



A PRODUCT OF:
FENDER MUSICAL INSTRUMENTS
BREA, CA 92621