

**Fender<sup>®</sup>**

THE SOUND THAT CREATES LEGENDS

**Champion  
110**

TYPE: PR 225

**Owner's Manual**

P/N 040512

# Champion 110 Owner's Manual

The Fender **Champion 110** amplifier presents the player with the best value of any gain switching amplifier in its price class. The common equalization section consists of TREBLE and BASS controls in addition to Fender's exclusive MID control. This control provides midrange "tone shaping" that will continuously vary your sound from smooth and bluesy to a punchy honk, or all the way back to 0 for the ultimate heavy metal overdrive! The NORMAL channel consists of a VOLUME control and the DRIVE channel consists of a VOLUME and GAIN controls which together set the overall level for the DRIVE channel. The DRIVE channel also incorporates Fender's innovative "smooth clipping" circuit. This circuit concept is designed to simulate the way tubes clip and produce the overdrive distortion sound so popular with musicians today.

In addition to convenient features like *All Front Panel Mounted Controls and Jacks*, the **Champion 110** offers exclusive footswitch circuitry for selecting the DRIVE channel. Remote switching is accomplished by connecting the optional one-button footswitch to the FOOTSWITCH jack with a standard mono guitar or speaker cable. Also included is an EXTERNAL 8 Ω SPEAKER output jack which automatically disconnects the internal 10" speaker when used. The HEADPHONES jack automatically mutes the speaker in addition to driving Stereo or Mono headphones.

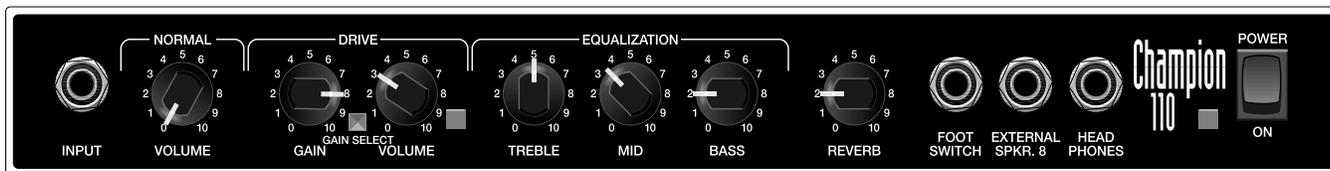
The built in quality of a Fender amplifier is the result of over four decades of dedication in the combined skills of research and development by our engineers and musicians.

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

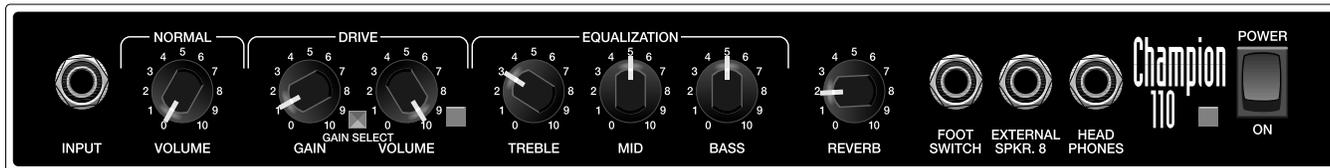
## Standard Strat / Any Pick-Up Combination



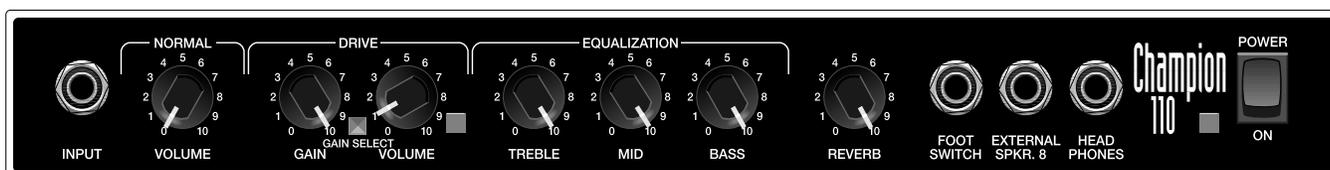
## Strat Madness / Bridge Position



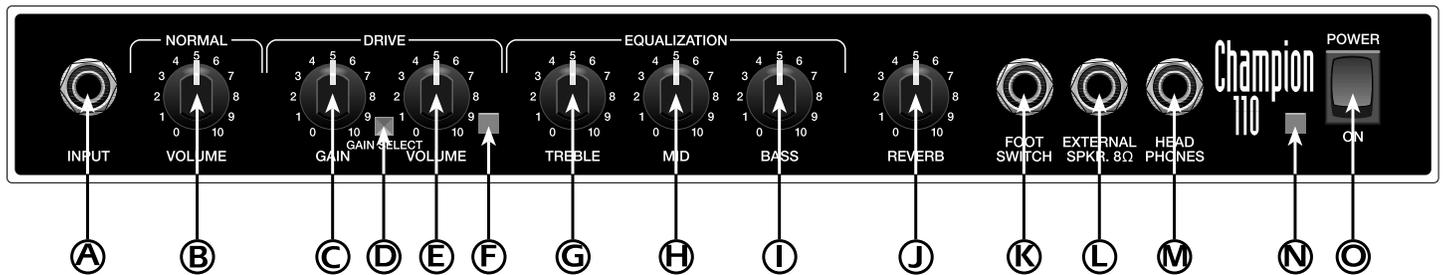
## Smokey Blues / Neck Position



## Whisper Lead / Any Guitar / Any Pick-Up Combination



# Champion 110 Front Panel Functions



- A. INPUT** - A high impedance, high sensitivity plug-in connection for instruments.
- B. VOLUME** - Adjusts the overall loudness of the Normal Channel.
- C. GAIN** - Adjusts the amount of preamp amplification in the Drive Channel. Cleaner sound is achieved at lower gain settings; high gain settings will produce more sustain and distortion. This control works in conjunction with the DRIVE VOLUME control (item E) to set the overall loudness of the Drive Channel.
- D. GAIN SELECT** - Activates the Drive Channel. NOTE: This switch disables the optional Channel Select Footswitch and the Normal Channel VOLUME control (item B).
- E. VOLUME** - Adjusts the overall loudness of the Drive Channel.
- F. DRIVE CHANNEL - INDICATOR** - This LED is illuminated when the Drive Channel is active.
- G. TREBLE** - Adjusts the amount of boost or cut in the high frequency range.
- H. MID** - Adjusts the overall tone quality without affecting the signal level. High MID settings will provide emphasis in the midrange frequencies whereas a lower setting will notch the midrange to produce sounds characteristic of most "metal" music.
- I. BASS** - Adjusts the amount of boost or cut in the low frequency range.
- J. REVERB** - Adjusts the amount of reverberated signal mixed with the original dry signal for both the Normal and Drive channels.
- K. FOOTSWITCH** - Plug-in connection for optional remote footswitch to switch between the Normal and Drive channels. For proper operation of the footswitch, the GAIN SELECT switch (item D) should be out. NOTE: Any good quality patch cable will work with the remote footswitch; however, a speaker grade cord is preferable to a coax guitar cable if it is available.
- L. EXTERNAL SPEAKER** - This jack provides an output to an external speaker enclosure. The enclosure must have a minimum impedance of 8Ω. Use of this jack automatically disables the internal speaker.
- M. HEADPHONES** - This jack provides an output to standard stereo or mono headphones for private listening. NOTE: Use of this jack automatically disables the speaker. CAUTION: Prolonged listening at high levels may be hazardous to your hearing! This jack can also be used as an unbalanced line output by using either a stereo or mono 1/4 inch phone plug connection.
- N. POWER INDICATOR** - When this indicator is illuminated the CHAMPION I 10 is receiving AC power.
- O. POWER SWITCH** - This switch turns the AC power ON and OFF. When the switch is OFF the amplifier is completely shut down.
- LINE CORD** - This amplifier is equipped with a grounding type supply cord to reduce the possibility of shock hazard. Be sure to connect it to a grounded receptacle. **DO NOT ALTER THE AC PLUG.**

# Champion 110 Specifications

PART NUMBER:	120V VERSION: 22-6703 230V VERSION: 22-6763
INPUT IMPEDANCE:	Greater than 1 meg Ohm
NOMINAL INPUT LEVEL:	100mV
POWER OUTPUT:	25 Watts R.M.S.
RATED LOAD IMPEDANCE:	8 Ohms
POWER REQUIREMENTS:	120V VERSION: 120 VAC 60 Hz., .92A Max. 230V VERSION: 230 VAC 50 Hz., 0.5A Max.
SPEAKER COMPLEMENT:	One 8 Ohm Special Design 10" Speaker (P/N 036502)
DIMENSIONS:	Height: 15-1/2" (39.4cm) Width: 17" (43.2cm) Depth: 8-1/2" (21.6cm)
WEIGHT:	25 lbs. (11.4kg)
ACCESSORIES:	Remote Single Footswitch - order Fender P/N 002-8890-000

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

A PRODUCT OF:  
**FENDER MUSICAL INSTRUMENTS CORP.,**  
**CORONA, CA 91720**