

# Princeton<sup>™</sup> 65



Reference and Owner's Manual  
for the Princeton 65

Fender<sup>®</sup>

# PRINCETON™ 65 OWNER'S MANUAL

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Your new Princeton™ 65 is designed by the same Fender® Tone-team that created many other classic Fender amps like the ToneMaster®, Prosonic™, Princeton® Chorus and Twin Reverb® to name a few. Moreover, it's built by the same craftspeople that build our popular line of Standard Series guitars and basses.

Your Princeton 65 amp features include Normal and Drive Channels with independent tone and volume controls plus spring reverb. The convenient front panel input / output jacks allow for the addition of external signal processing devices. The footswitch jack offers the flexibility of using the optional footswitch for the remote selection of the drive and normal channels. The Normal and Drive Channels also feature individual volume controls allowing for matched level settings when switching between either channel. Moreover, the Drive channel incorporates Fender's "touch-sensitive" circuit designed to simulate the feel of tube distortion.

Solidly built and affordably priced, the Princeton 65 is a great amp by any measure. Because of its illustrious family tree, your new amp is capable of a lot more than meets the eye. Please read through your owner's manual in order to more thoroughly understand the operation of your Princeton 65.

Take the time to get to know each other... Tune-up, Plug-in and *Play-on*.

## IMPORTANT SAFETY INSTRUCTIONS

1. Read these instructions
2. Keep these instructions
3. Follow all instructions
4. Do not clean this apparatus near water
5. Clean only with damp cloth
6. Refer all servicing to qualified personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

## TROUBLESHOOTING

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If your Princeton 65 is set up but does not function, check the following items:

- Is the amp power cord properly plugged into an electrical outlet?
- Is there power to the outlet?
- Is the fuse blown?
- Is the speaker(s) properly connected to the amplifier?
- Are the amplifier VOLUME, TREBLE, MID and BASS controls above 1?
- Is the instrument volume control turned up?
- Is the instrument plugged into the amplifier?

(Eliminate any effects pedals, disconnect any effect devices and try another guitar cord.)

If, after checking all of the above, your amplifier is not performing correctly, consult your nearest authorized Fender service center.

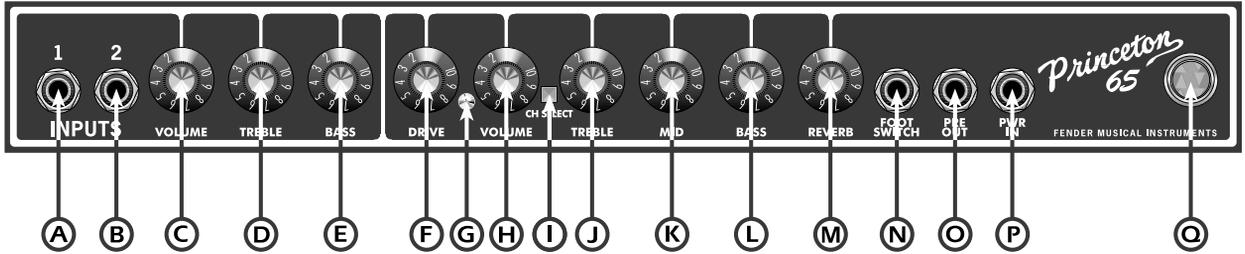
## COVERING CARE

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The exclusive covering on your Fender Princeton 65 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 fabric. Be careful not to let any liquid come in contact with operating surfaces.

**REMEMBER TO UNPLUG THE POWER CORD BEFORE CLEANING AND WAIT UNTIL THE UNIT IS COMPLETELY DRY BEFORE PLUGGING IT IN.**

# PRINCETON 65 FRONT PANEL FUNCTIONS



**A. INPUT 1** - Plug your guitar in here.

**B. INPUT 2** - A lower impedance and sensitivity input than input 1, useful for guitars with active pickups. When used with passive guitars, it provides a darker tone. Both inputs are identical if used simultaneously.

**C. NORMAL VOLUME** - Adjusts the overall loudness of the NORMAL CHANNEL.

**D. TREBLE** - Adjusts the amount of increase or decrease in the high frequency range.

**E. BASS** - Adjusts the amount of increase or decrease in the low frequency range.

**F. DRIVE** - 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 H) to set the overall loudness of the DRIVE CHANNEL.

**G. DRIVE CHANNEL INDICATOR** - When this indicator is illuminated, the DRIVE CHANNEL is active.

**H. DRIVE VOLUME** - Adjusts the overall loudness of the DRIVE CHANNEL.

**I. CH SELECT** - Activates the DRIVE CHANNEL.

**J. TREBLE** - Adjusts the amount of increase or decrease in the high frequency range.

**K. 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.

**L. BASS** - Adjusts the amount of increase or decrease in the low frequency range.

**M. REVERB** - Adjusts the amount of reverb present in both the NORMAL and DRIVE CHANNELS.

**N. FOOTSWITCH** - Plug-in connection for the optional remote footswitch to select between the NORMAL and DRIVE channels. For proper operation of the footswitch, the Gain Select switch should be out. *NOTE: Any good quality patch cord will work with the remote footswitch, however, a speaker grade cord is preferable to a coax guitar cord.*

**O. PRE OUT** - This jack provides an output signal from the preamp. Reverb is also present at this output. It may be used to drive effects units in an effects loop, to drive additional amplifiers in a multi-amp set up or as a preamp send to a mixing console.

**P. PWR IN** - This jack provides a return from your effects units. This jack can also be used as a power amp input.

**Q. PILOT JEWEL** - Illuminates when the Princeton 65 is receiving power.

## REAR PANEL

**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 an IEC 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.**

## PRINCETON 65 SPECIFICATIONS

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TYPE	PR 403		
POWER REQUIREMENTS	180W		
PART NUMBER	22-6774-020 (100V, 50/60 Hz) Japan 22-6704-020 (120V, 60 Hz) USA 22-6764-020 (230V, 50 Hz) Europe 22-6744-020 (230V, 50 Hz) UK 22-6734-020 (240V, 50 Hz) Aust		
INPUT IMPEDANCE	>1M $\Omega$		
NOMINAL INPUT LEVEL	100 mV		
POWER OUTPUT	65W R.M.S. (1% T.H.D.)*		
RATED LOAD IMPEDANCE	8 $\Omega$		
SPEAKER COMPLEMENT	One 8 $\Omega$ Special Design 12" Speaker (P/N 025923)		
DIMENSIONS	Height:	16.5 in.	41.9 cm
	Width:	18.6 in.	47.3 cm
	Depth:	9 in.	22.9 cm
WEIGHT		28 lbs.	12.7 kg
ACCESSORIES	Remote Footswitch (P/N 028890) Amplifier Cover (P/N 029883)		



\*65W R.M.S. (5% T.H.D.) tested at 60 Hz AC mains.

**WARNING:**

- NO USER SERVICEABLE PARTS INSIDE, REFER SERVICING TO QUALIFIED SERVICE PERSONNEL ONLY.
- TO REDUCE THE RISK OF FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS AMPLIFIER TO RAIN OR MOISTURE.
- THIS UNIT MUST BE EARTH GROUNDED.

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**Product specifications are subject to change without notice.**

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