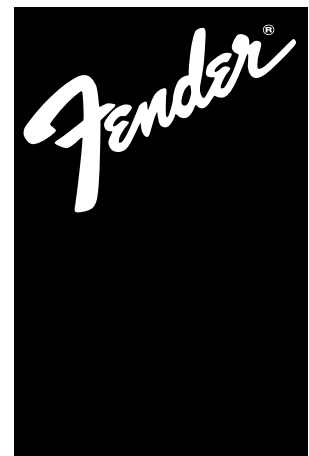


# 700

Roc•Pro™

## Tube-Driven Hybrid Amplifier

tone • tradition • innovation



Reference and  
Owner's Manual

P/N 050337



Fender Musical Instruments  
7975 North Hayden Road, Scottsdale, Arizona 85258 U.S.A.

Since 1946, Fender realized the importance of your amplifier. You see, your amplifier is more than just a combination of dials, wires and speakers. **Your amplifier is a musical instrument.** And like any fine musical instrument, it should be treated with special care and attention to detail.

At Fender, we know what building guitar amplifiers is all about. For over half a century, we have been designing and producing some of the world's best amplifiers helping shape the face of music. In fact, many of the world's most classic and best sounding amplifiers have proudly worn the Fender name.

Whether you're after that classic Fender tone, a clean crisp sound for your Bass or Keyboard or the raw driving power of modern distortion, your decision to purchase a Fender amplifier is one you will appreciate with each passing note for years to come.

Wishing you years of enjoyment and a heartfelt *thank you*,

Bill Schultz

Bill Schultz  
Chairman  
Fender Musical Instruments Corporation

*F e n d e r • T o n e*

## **FENDER® TUBE-DRIVEN HYBRID AMPLIFIERS**

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- A UNIQUE MELDING OF TUBE AND FENDER STANDARD SERIES TECHNOLOGY BRINGS OUT THE BEST OF BOTH CIRCUIT DESIGNS
- ROAD WORTHY AND MUSICAL COMPONENTS, CAPABLE OF HANDLING THE MOST DEMANDING PERFORMANCE SITUATIONS
- FENDER'S UNIQUE UNDERDAMPED POWER AMPLIFIER DESIGN PRODUCES SPARKLE, PUNCH AND AN INCREASE IN THE AMPLIFIER'S LOUDNESS
- SOPHISTICATED POWER AMPLIFIER PROTECTION SCHEME PREVENTS AMPLIFIER FAILURE DUE TO BAD SPEAKER CORDS OR INCORRECTLY CONNECTED SPEAKER JACKS
- THREE-WAY VARIABLE EFFECTS LOOP CIRCUITRY ALLOWS THE USE OF VIRTUALLY ANY EFFECTS DEVICE
- MAGNETIC INTERFERENCE REDUCING ALUMINUM CHASSIS HELPS ELIMINATE UNWANTED NOISE AND RADIO INTERFERENCE
- FENDER SPECIAL DESIGN 12" HIGH PERFORMANCE SPEAKER FOR THAT GREAT FENDER TONE
- UNPARALLELED TUBE DRIVE CHANNEL OFFERS AN INCREDIBLE MIX OF VERSATILITY
- CABINETS CONSTRUCTED FROM HAND-SELECTED WOODS EMPLOYING RUGGED CORNER JOINERY FOR ENDURING RELIABILITY
- COVERED IN GENUINE TOLEX WITH TOUGH METAL GRILLE FRONTS FOR LONG LIFE AND LASTING GOOD LOOKS

*F e n d e r • T r a d i t i o n*

## **Roc Pro 700 REFERENCE AND OWNER'S MANUAL**

### **INTRODUCTION**

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Congratulations on your purchase of a Roc Pro Tube-Driven Hybrid Amplifier, a melding of Fender's distinctive Tube -Tone and cutting edge Standard Series technology. Designed for today's innovative guitarists, our Roc Pro amplifiers have what it takes to define your sound.

The Roc Pro 700 you now have in your possession is an amplifier of incredible versatility and enduring reliability.

Read through this manual and familiarize yourself with the Roc Pro's many features, then experiment! Take the time to uncover the broad spectrum of tone colors available via the front panel's EQ and GAIN controls. And don't forget the VOLUME and TONE controls on your guitar! An inherent feature of the Roc Pro's Hybrid tube design is its sensitivity to subtle changes in the input signal level. Dial in a crunch rhythm tone with your guitar's volume on 10, then slowly roll off the volume and listen to the cleansing effect. Change your pick attack from light to heavy, push, pull, thump and pump your axe, your Roc Pro will respond to every nuance of your playing!

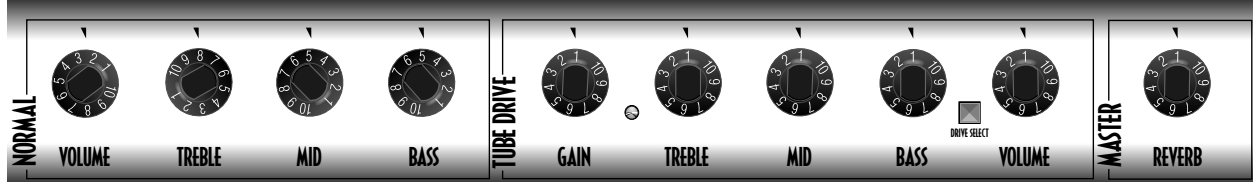
- All Roc Pro amplifiers use a real 12AX7 / ECC83 preamp tube in their TUBE DRIVE channel to generate a stunning array of Fender tones from Vintage Overdrive to Sonic Explosion.

- Select the NORMAL channel and dial up ultra clean... fat and funky... power crunch... And everything in between.

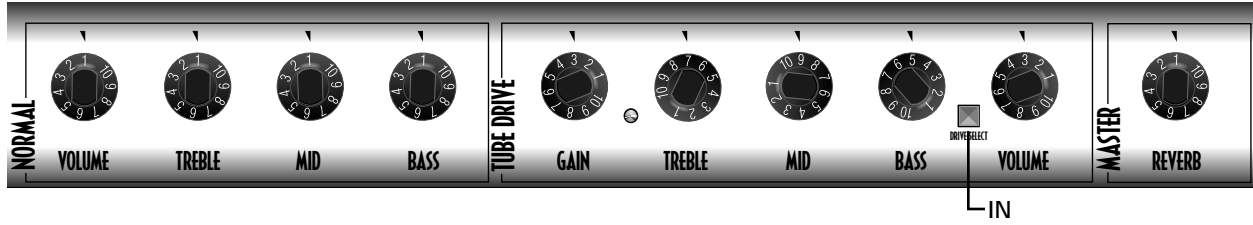
FEATURES: Roc Pro 700  
70 Watts into 8 ohms, 1-12" Fender Special Design Speaker, Dual Selectable channels (Normal and Tube Drive) 12AX7 / ECC83 preamp tube, Variable EFX loop, Line Out, 2-Button footswitch (Channel Select and Reverb), Genuine Black Tolex and Rugged Metal Speaker Grill.

# Roc Pro 700 Sound Settings

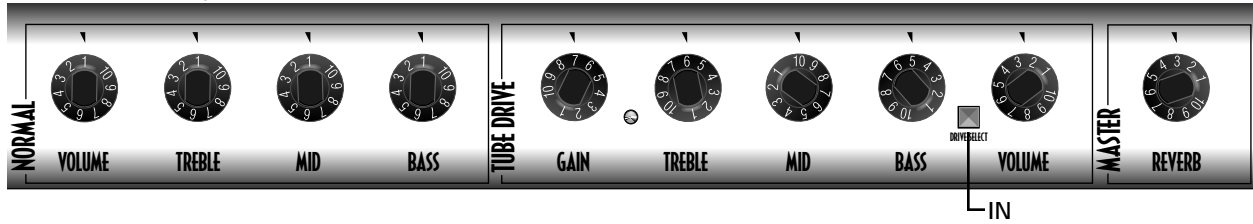
## Spotless



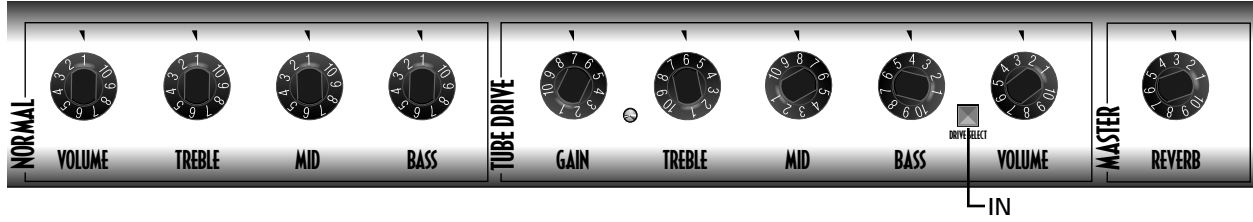
## Shattered Glass



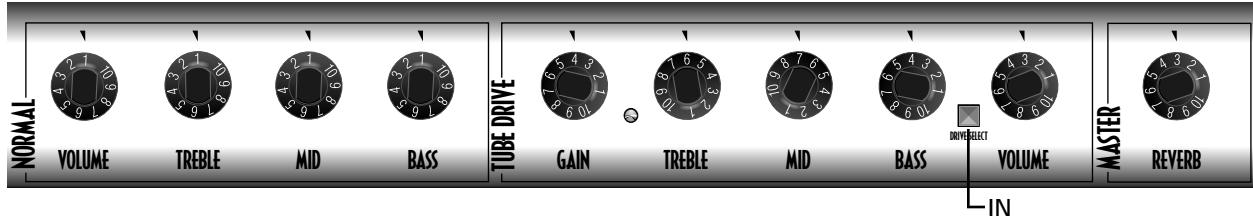
## Thick n' Creamy



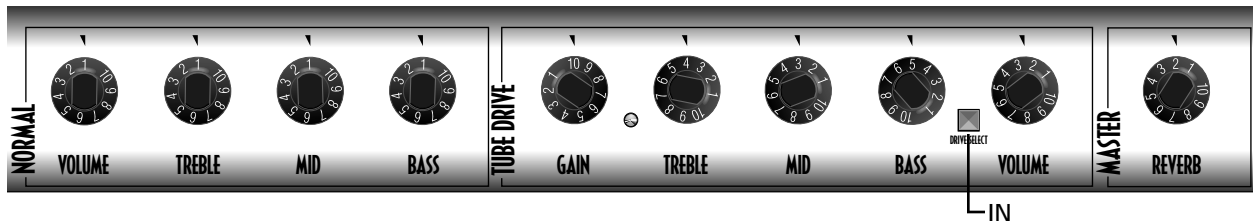
## Chunk-i-fied



## Austin Blues

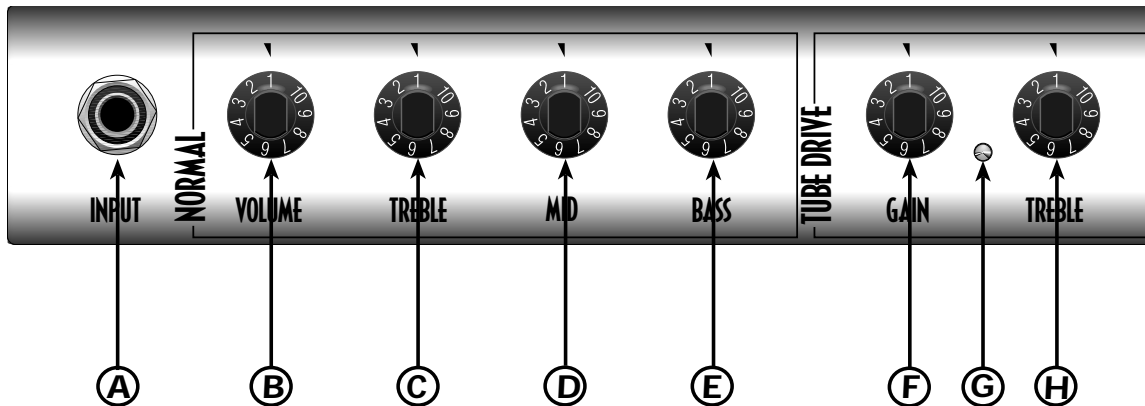


## Hot Rod



## Roc Pro 700 Front Panel Functions

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

**B. VOLUME** - Adjusts the overall volume of the Normal channel.

**C. TREBLE** - Adjusts the amount of high frequency boost or cut in the Normal channel.

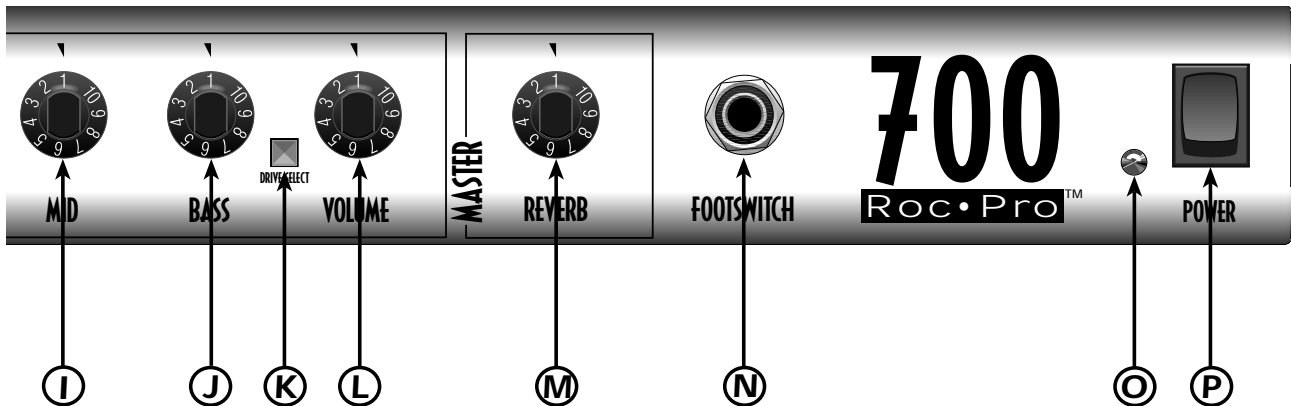
**D. MID** - Adjusts the amount of mid frequency boost or cut in the Normal channel.

**E. BASS** - Adjusts the amount of low frequency boost or cut in the Normal channel.

**F. 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 L) to set the overall volume of the Drive channel.

**G. DRIVE CHANNEL INDICATOR** - The LED is illuminated while the channel is in use.

**H. 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 from smooth to brash.



**I. MID** - Adjusts the overall tone quality of the DRIVE channel . High Mid settings will emphasize mid frequencies. A lower setting will notch the midrange to produce the “crunch” sound characteristic in most heavy metal music.

**J. 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.

**K. DRIVE SELECT** - When this button is pressed, the amp switches from the Normal channel to the Drive channel.

**L. VOLUME** - Adjusts the overall volume of the drive channel .

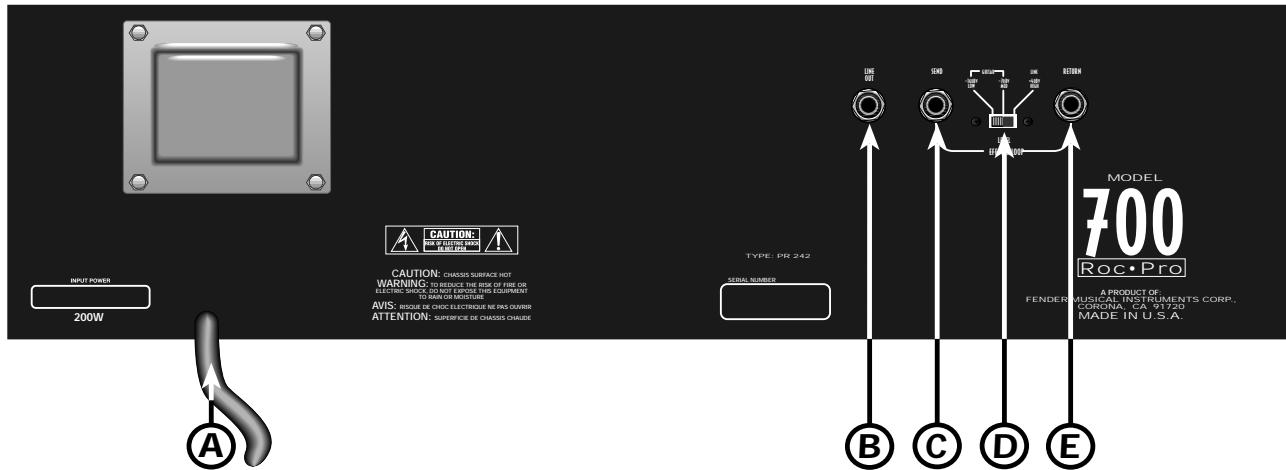
**M. REVERB** - Adjusts the amount of reverb present in both the Drive and Normal Channels.

**N. FOOTSWITCH (INCLUDED)** - Plug-in connection for the remote footswitch to select between the normal and drive channels and to turn the reverb effect on and off. Using the footswitch overrides the front panel select buttons. *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. POWER INDICATOR** - This LED is illuminated when the power is ON.

**P. POWER SWITCH** - Turns the AC power ON and OFF.

## Roc Pro 700 REAR PANEL FUNCTIONS



**A. LINE CORD** - the Roc Pro 700 is equipped with a grounding type supply cord to reduce the possibility of shock hazard. Be sure to connect it to a grounded AC receptacle. **DO NOT ALTER THE AC PLUG.**

**B. LINE OUT** - This jack provides an output signal taken directly off the amplifier output and speaker and is used for direct connection to recording and sound reinforcement equipment. Using a stereo cord in this jack will provide a quasi-balanced signal. A mono cord will provide an unbalanced signal.

**C. SEND** - This unbalanced jack provides an output signal from the preamp and is pre-reverb. 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.

**D. LEVEL SWITCH** - This switch directly effects the Send (item C) jack by boosting or attenuating the signal sent to the effects. External rack effects usually require -7dB or +4dB settings. Effects pedals usually require a -16dB setting.

**E. RETURN** - This jack provides a return from your effects units and is pre-reverb. This jack can also be used as a power amp input.



## **TUBE REPLACEMENT**

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The Roc Pro 700 utilizes one Fender special design 12AX7A tube (part #099-5091). For continued optimum performance from your amplifier, this tube should only be replaced with a tube of the same type and specification.

## **TOLEX COVERING CARE**

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Your Roc Pro 700 is covered in genuine Tolex for long life and lasting good looks. To clean the Tolex covering, use a sponge and a light soapy water solution. Avoid spilling liquids on the operating surfaces, grill, volume and tone controls, switches and speakers. ALWAYS unplug your amplifier before cleaning or approaching it with fluids.

## **TROUBLESHOOTER'S CHECKLIST**

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If the amp is set up but does not function, check the following items:

- 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 above zero?
- Is the volume control on the instrument turned up?
- Is the instrument properly plugged into the amplifier?  
(Eliminate any effects pedal and try using another cord.)

If after checking all of the above your amplifier is still not performing correctly, consult your authorized Fender Service Center.

## ***Roc Pro 700 Specifications***

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<b>TYPE:</b>	PR 242
<b>PART NUMBER:</b>	22-6876 (100V) 22-6806 (120V) 22-6866 (230V) 22-6836 (240V)
<b>INPUT IMPEDANCE :</b>	>1 M $\Omega$
<b>NOMINAL LEVEL:</b>	100mV
<b>POWER OUTPUT:</b>	65 W into 8 $\Omega$ at 5% THD
<b>EFFECTS LOOP:</b>	Nominal Level; Selectable +4, -7, -16 dBV Output Impedance: 1.2 k $\Omega$ max Input Impedance: 100 k $\Omega$
<b>POWER REQUIREMENTS:</b>	100V AC, 50/60 Hz, 200W 120V AC, 60 Hz, 200W 230V AC, 50 Hz, 200W 240V AC, 50 Hz, 200W
<b>SPEAKER:</b>	8 $\Omega$ 12" Fender Special Design (P/N 025923)
<b>FOOTSWITCH:</b>	2 Button Footswitch, Controls Gain and Reverb On/Off
<b>DIMENSIONS:</b>	Height: 16.5 in 41.9 cm Width: 20.5 in 52.0 cm Depth: 9.75 in 24.7 cm Weight: 30 lbs 13.6 kg

**WARNING: TO PREVENT FIRE OR SHOCK HAZARD,  
DO NOT EXPOSE THIS UNIT TO RAIN OR MOISTURE.**

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

**THIS UNIT MUST BE EARTH GROUNDED.**



Our manuals are intended to be a reference source throughout the lifetime of your product. We appreciate any suggestions, and/or comments regarding this manual.

Please send your comments to:

Fender Musical Instruments Corp.  
Research and Development  
7975 North Hayden Road  
Scottsdale, Arizona 85258, USA

Product specifications are subject to change without notice.

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**Fender® Musical Instruments Corporation**  
**Corona, CA 91720 USA**