

ProsonicTM

**Professional
Tube Amplifier**

INSTRUCTION MANUAL
INSTRUCCIONES DE FUNCIONAMIENTO
MODE D'EMPLOI
ISTRUZIONI OPERATIVE
BEDIENUNGSANLEITUNG
操作方法

Fender[®]

ENGLISH - PAGES 4-7

READ ALL INSTRUCTIONS
BEFORE OPERATING UNIT!

ESPAÑOL - PÁGINAS 8-11

¡LÉANSE ANTES DE UTILIZAR EL APARATO Y
GUARDENSE PARA SU USO POSTERIOR!

FRANÇAIS - PAGES 12-15

PRIERE DE LIRE AVANT L'EMPLOI ET A
CONSERVER POUR UTILISATION ULTERIEURE!

ITALIANO - PAGINE 16-19

LEGGERE ATTENTAMENTE PRIMA DELL'USO E
CONSERVARE PER UN UTILIZZO SUCCESSIVO!

DEUTSCH - SEITEN 20-23

BITTE VOR GEBRAUCH LESEN UND FÜR
SPÄTEREN GEBRAUCH AUFBEWAHREN!

日本語 - 24-27

操作する前に全ての説明を読んでください。



- TO PREVENT DAMAGE, FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS UNIT TO RAIN OR MOISTURE.
- NO USER SERVICEABLE PARTS INSIDE, REFER SERVICING TO QUALIFIED PERSONNEL ONLY.
- DO NOT ALTER THE AC PLUG.
- THIS UNIT MUST BE EARTH GROUNDED.
- UNPLUG THE AC POWER LINE CORD BEFORE CLEANING THE UNIT'S COVERING WITH ONLY A DAMP CLOTH; WAIT UNTIL THE UNIT IS COMPLETELY DRY BEFORE RECONNECTING IT TO POWER.

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- PARA EVITAR DAÑOS, INCENDIOS Y DESCARGAS ELÉCTRICAS, NO EXPONGA ESTA UNIDAD A LA LLUVIA NI A LA HUMEDAD.
 - CONTIENE PIEZAS CUYO MANTENIMIENTO NO LO PUEDE REALIZAR EL USUARIO, SINO SÓLO PERSONAL CUALIFICADO.
 - NO MODIFIQUE EL ENCHUFE DE CA.
 - ESTA UNIDAD DEBE CONECTARSE CON TOMA DE TIERRA.
 - DESCONECTE EL CABLE DE ALIMENTACIÓN DE CA ANTES DE LIMPIAR LA CUBIERTA DE LA UNIDAD; ESPERE A QUE LA UNIDAD ESTÉ COMPLETAMENTE SECA ANTES DE VOLVER A CONECTARLA A LA CORRIENTE.

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- POUR EVITER L'ENDOMMAGEMENT DE L'APPAREIL, UN DEPART D'INCENDIE, OU UN CHOC ELECTRIQUE, NE L'EXPOSEZ JAMAIS A L'HUMIDITE OU A LA PLUIE.
 - AUCUNE MAINTENANCE NE DOIT ETRE EFFECTUEE POUR LES PIECES SITUEES DANS L'APPAREIL. LES REPARATIONS ET LA MAINTENANCE DOIVENT ETRE EXECUTEES UNIQUEMENT PAR UN PERSONNEL QUALIFIE.
 - NE MODIFIEZ PAS LA PRISE DE CA.
 - CET APPAREIL DOIT ETRE MIS A LA TERRE.
 - DEBRANCHEZ LE CABLE D'ALIMENTATION AVANT DE NETTOYER LE BOITIER DE L'APPAREIL ET ATTENDEZ QUE L'APPAREIL SOIT COMPLETEMENT SEC AVANT DE LE REBRANCHER SUR LE SECTEUR.

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- PER EVITARE DANNI, RISCHI DI INCENDI O SCOSSE ELETTRICHE, NON ESPORRE QUESTA UNITÀ ALLA PIOGGIA O ALL'UMIDITÀ.
 - NON CONTIENE PARTI RIPARABILI DALL'UTENTE: FARE ESEGUIRE LA MANUTENZIONE SOLTANTO DA PERSONALE QUALIFICATO.
 - NON ALTERARE LA PRESA C.A.
 - QUESTA UNITÀ DEVE ESSERE COLLEGATA A TERRA.
 - DISCONNETTERE IL CAVO DI ALIMENTAZIONE C.A. PRIMA DI PULIRE LA COPERTURA DELL'UNITÀ; ATTENDERE CHE L'UNITÀ SIA COMPLETAMENTE ASCIUTTA PRIMA DI RICOLLEGARLA ALL'ALIMENTAZIONE.

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- SETZEN SIE DIESES GERÄT NIEMALS REGEN ODER FEUCHTIGKEIT AUS, UM BESCHÄDIGUNG, BRANDENTWICKLUNG UND ELEKTRISCHE SCHLÄGEN ZU VERMEIDEN.
 - IM GERÄT SIND KEINE ZU WARTENDEN TEILE. WARTUNG UND REPERATUREN DÜRFEN NUR VON QUALIFIZIERTEN TECHNIKERN DURCHGEFÜHRT WERDEN.
 - MANIPULIEREN SIE AUF KEINEN FALL DIE NETZANSCHLUSSBUCHSE.
 - DAS GERÄT MUSS GEERDET SEIN.
 - STECKEN SIE DAS NETZKABEL AUS, BEVOR SIE DAS GEHÄUSE DES GERÄTS REINIGEN. SCHLIESSEN SIE DAS GERÄT ERST WIEDER ANS STROMNETZ AN, WENN ES VOLLSTÄNDIG GETROCKNET IST.

損傷、引火、及び感電を防ぐために、この装置を雨や湿気にさらさないでください。
ユーザが修理できるための部品は入っていません。修理は有資格のサービス員に依頼してください。
ACプラグを改造しないでください。

この装置は、アース端子付きコンセントに接続しなければなりません。
ACコードをコンセントから抜き、よく絞った布で装置のカーブを掃除し、完全に乾いてから電源に接続してください。

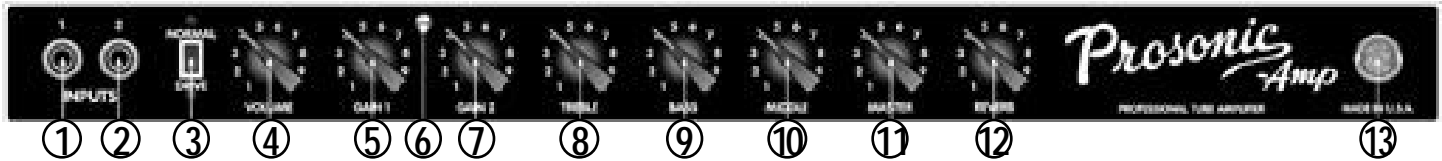
Your Fender's Prosonic™ professional tube amplifiers feature welded, all-steel chassis capable of handling the most extreme conditions. Covered in genuine Tolex for long life and lasting good looks, our cabinets are constructed from premium, hand-selected birch/maple plywood. Only the most road-worthy components are used in the all-tube circuitry. Fender's all-tube reverb adds depth and tone that has kept guitarists smiling for generations.

The All-Tube Prosonic is available in 2 models, the two 10-inch speaker combo with Reverb and the Prosonic Head amplifier. Both versions feature a 3-way bias/rectifier switch allowing the player a choice between class A cathode bias,

class AB grid bias, as well as the sounds of both tube and solid state rectifiers. The Prosonic is rated at 60 Watts R.M.S. and includes among its many features two gain controls. Gain 1 functions as a standard gain stage whereas Gain 2 functions similar to a compressor, adding sustain while reducing "harshness" when the volume is increased.

Equipped with 2 channels, the Prosonic combo offers the flexibility of accessing each channel and the reverb effect from the front panel or the included two-button footswitch. The Prosonic head also offers the flexibility of accessing each channel from the front panel or the included one-button footswitch.

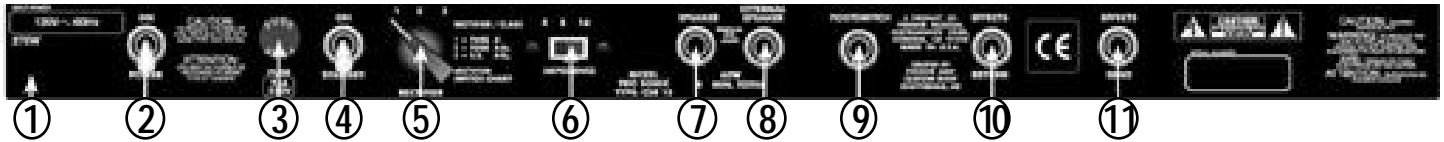
Front Panel Functions



1. INPUTS - Input for the your guitar or other instrument.
2. INPUT 2 - A lower sensitivity (-3dB) input than INPUT 1.
3. NORMAL/DRIVE - This switch selects between the NORMAL and DRIVE channels. This switch is disabled and when the footswitch is plugged into to the unit.
4. VOLUME - Controls the volume level of the normal channel.
5. GAIN 1 - Primary gain adjustment (distortion/sustain) for the DRIVE channel.
6. LED - Indicates operation of the DRIVE channel.
7. GAIN 2 - Secondary gain adjustment for the DRIVE channel. Acts much like a compressor at higher settings.
8. TREBLE - Adjusts the high-frequency level.
9. BASS - Adjusts the low-frequency level.
10. MID - Adjusts the middle-frequency level.
11. MASTER - Adjusts the volume level of the DRIVE channel.
12. REVERB (Combo units only) - Adjusts the reverb effect level on both channels. Switch ON/OFF the reverb effect with the footswitch.
13. PILOT JEWEL - Illuminates when the Prosonic is switched ON and receiving power unless the lamp has failed. (To replace the lamp, unplug the amplifier, unscrew the green jewel and replace the lamp with type T47 bulb.

Prosonic Tube Replacement

- Tubes must be replaced ONLY with the same type as specified on the tube chart inside the cabinet. To check for tube wear, replace the set in your amp with your spare new tubes as follows:
 - First replace the OUTPUT tubes in the amplifier and listen for any improvement.
 - Next, re-insert the original output tubes and replace the PRE-AMP tubes and listen for improvement.
 - Finally, try replacing BOTH the OUTPUT and PRE-AMP tubes and listen for improvement.
 - If any combination of tube replacements is a noticeable improvement, reset the amp to that configuration and buy another set of replacement tubes as your spare.

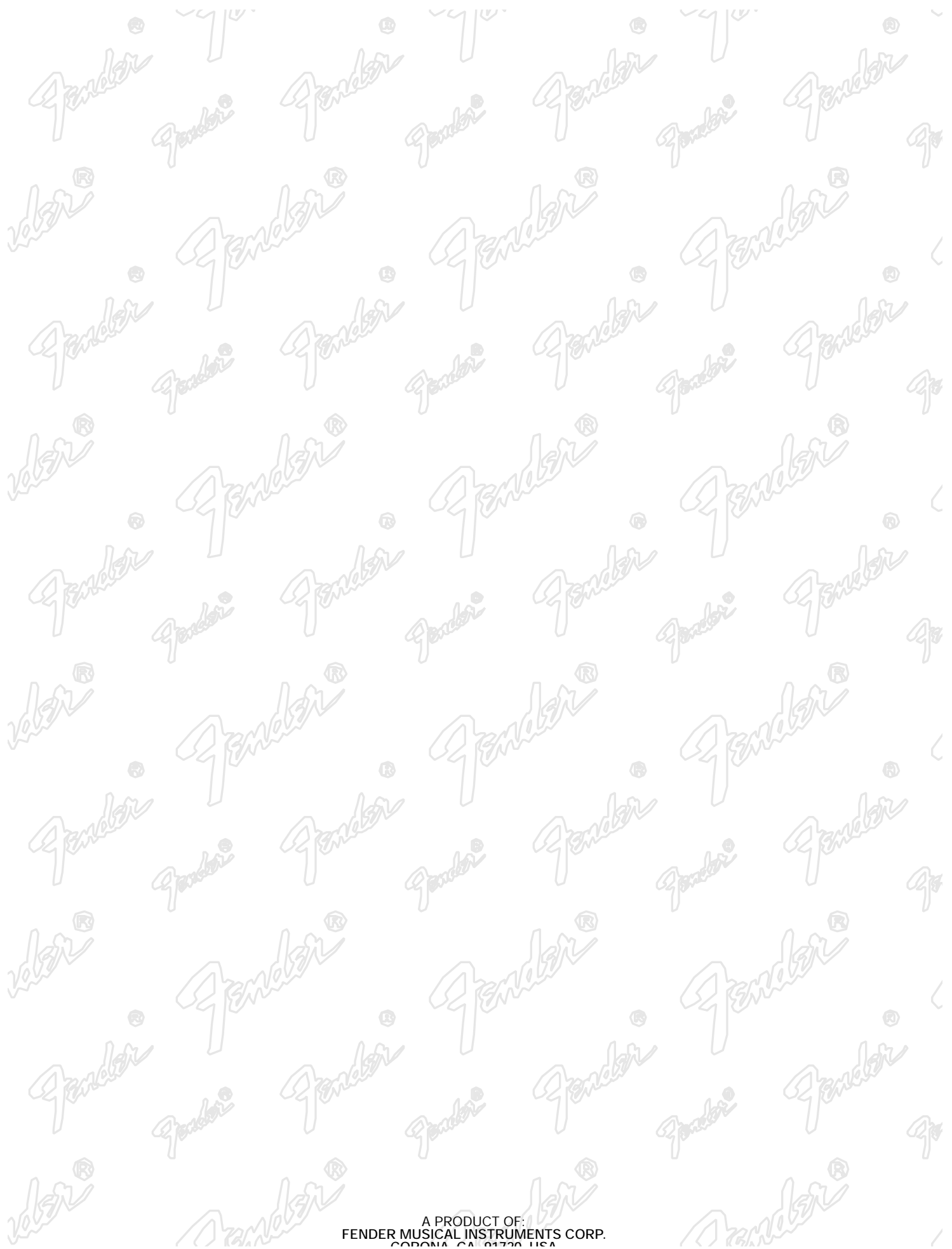


1. LINE CORD - Connect the power line cord to a grounded AC receptacle in accordance with the voltage and frequency ratings as listed on the rear panel of the Prosonic amplifier.
2. POWER SWITCH - Turns the AC power on and off.
3. FUSE - Located in the AC supply of the amplifier, the fuse helps protect the unit from electrical fault or tube failure. Replace a failed fuse with the same type and rating. If the amplifier repeatedly blows fuses, take it to an authorized Fender service center.
4. STANDBY SWITCH - Switches the unit between operate and stand-by modes when the power switch is ON. In stand-by mode, no sound will be heard from the amplifier but power is still supplied to the tube filaments keeping them warm and the unit ready to play. Use this switch during short breaks to increase tube life. Wait at least 50 seconds after the power switch is on before putting the unit into the standby mode.
5. RECTIFIER/BIAS SWITCH - Allows for the selection of rectifier sounds and bias classes to best suit your playing style (experiment to find a preferred setting). The (1) TUBE A setting at low volume sounds much like the (2) TUBE AB₂ and (3) S.S. "solid state" AB₂ settings at high volume.
6. IMPEDANCE SWITCH (Head only) - Sets the output impedance of the amplifier to match the speaker impedance for maximum power and tube life.
7. SPEAKER (Combo), SPEAKER 1 (Head) - Primary output jack for connection to speakers. A speaker must always be connected at this jack for the unit to be heard.
8. EXTERNAL SPEAKER (Combo), SPEAKER 2 (Head) - Output jack for connection to an external speaker. ONLY use in conjunction with the main speaker jack. Using this jack on the Combo automatically switches the amplifier impedance to 8 .
9. FOOTSWITCH - Jack for connection to the included footswitch. The footswitch allows remote switching between channels as well as ON/OFF switching of the REVERB effect on the combo unit only.
- 10.EFFECTS RETURN - Connect cord from external effects devices at this input jack. Inserting a plug at this jack automatically disconnects the unit's internal connection from the pre-amp to the power amp.
- 11.EFFECTS SEND - Connect cord to external effects devices at this output jack. This jack can also be used as a line out.

Specifications

PART NUMBER* - COMBO:	021-1077-x00 (100V) 021-1067-x00 (230V)	021-1007-x00 (120V) 021-1037-x00 (240V) Aust	021-1047-x00 (230V) UK 021-1087-x00 (230V) Nordic
SPEAKER ENCLOSURE:	2-10" Custom Design Celestion® speakers		
PART NUMBER* - HEAD:	021-2077-x00 (100V) 021-2067-x00 (230V)	021-2007-x00 (120V) 021-2037-x00 (240V) AUSTRALIA/ NZ	021-2047-x00 (230V) UK
POWER REQUIREMENTS:	360W.		
COMPANION SPEAKER ENCLOSURE:	4 12" Celestion® Vintage 30 speakers: 021-3001-100 (RED)	021-3001-200 (GREEN)	021-3001-000 (BLACK)
POWER OUTPUT:	Class AB ₂ , Solid state rectifier: 60 W R.M.S. (minimum into 8 or 16) Class AB ₂ , 5AR4/GZ34 rectifier: 50 W R.M.S. (minimum into 8 or 16) Class A, 5AR4/GZ34 rectifier: 30 W R.M.S. (minimum into 8 or 16)		
OUTPUT IMPEDANCE:	8 or 16 (Combo), 4 , 8 or 16 , (Head).		
INPUT IMPEDANCE:	1 M		
TUBES:	COMBO	HEAD	
	Two (2)	Two (2)	5881/6L6WGC (P/N 099-5090)
	Five (5)	Four (4)	12AX7A (P/N 099-5091)
	One (1)	None (0)	12AT7 (P/N 099-5092)
	One (1)	One (1)	5AR4/GZ34 (P/N 099-5097)
FUSE TYPE:	100/120V units: T3 Amp/250V,		230-240V version T1.6 Amp 250V
DIMENSIONS:	COMBO		HEAD
	HEIGHT:	18.5 in (47 cm)	9 in. (23 cm)
	WIDTH:	24 in (61 cm)	24 in. (61 cm)
	DEPTH:	10.5 in (26.5 cm)	9.5 in. (24 cm)
	WEIGHT:	48 lbs. (22 kg)	42 lbs. (19 kg)

*For Prosonic COLOR DESIGNATED part number, replace "x" with: 1 = RED, 2 = GREEN, 0 = BLACK (Combo Only)
Product specifications are subject to change without notice.



A PRODUCT OF:
FENDER MUSICAL INSTRUMENTS CORP.
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