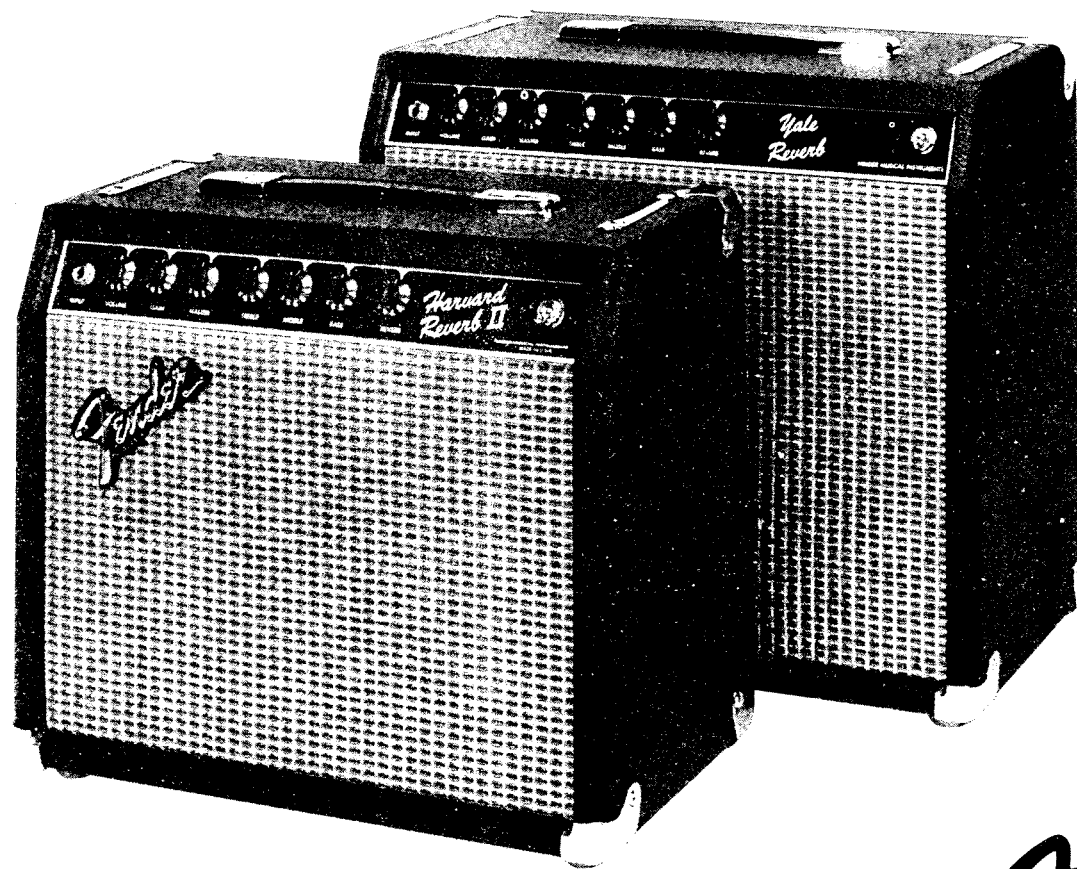


FENDER HARVARD REVERB II / YALE REVERB

OPERATION INSTRUCTION MANUAL • 021043



Fender[®]

THE SOUND THAT CREATES LEGENDS

Fender Harvard Reverb II/Yale Reverb

The Harvard Reverb II and Yale Reverb are a completely new pair of versatile and compact musical instrument amplifiers. They are relatively light in weight and built with heavy duty components and construction throughout.

Both models come with Fender Special Design speakers and share many common features. Please see specifications on the following page for specifics concerning your particular model.

The Harvard Reverb II and Yale Reverb have a unique preamplifier section that features volume, gain and master controls. This arrangement allows the musician control of the gain structure which will enable a range of sounds from very clean to very rich and sustained.

Both models have a preamp out and power amp in patching capability. This important feature allows for patching external signal processors such as: effects pedals, graphic equalizers, etc. Use of this feature may assist in the lowering of audible noise associated with effects pedals. There is also a jack for connection to an optional foot pedal (P/N 010460) for remotely turning the reverb on and off.

The preamplifier sections also feature full 3-band EQ with active cut and boost midrange. With this capability, a versatile range of sounds can be dialed in. The Reverb control complements the design and allows the tasteful use of the studio quality reverb circuitry.

The Harvard Reverb II has a headphone jack and speaker switch which allows private listening for practice or recording.

The cabinets shell is made of solid wood with box joint construction. The baffle is made of plywood and dadoed to the sides and bottom of the cabinet. The rear panels are also plywood. The heavy-duty vinyl covering has a thick film surface as well as a strong backing material. It is easy to clean and will keep its good appearance for a long time to come. The cabinet comes with heavy-duty handle, corners and glides.

The selection of a FENDER amplifier will reward you with years of quality music in a wide range of controlled sounds. This manual will explain its many features and applications available to you. Read it carefully to gain the maximum benefit from all its features with initial use.

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

That is why we say, proudly...
FENDER, the sound that creates legends.

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

Harvard Reverb II:

- 20 watts RMS @ 8 ohms
- 10" Fender Special Design Heavy Duty Speaker
- Headphone Jack
- Speaker On/Off Switch

Yale Reverb:

- 50 watts RMS @ 8 ohms
- 12" Fender Special Design Heavy Duty Speaker

Features common to both:

- Exclusive 3/4" solid wood box joint constructed cabinet
- All-steel welded cadmium plated chassis
- High quality electronic components
- High Gain Preamp
- Active midrange control
- Full 3-band EQ
- Pre-Amp/Power Amp in-out patch loop
- Professional studio quality reverb
- Extra durable vinyl covering
- Front panel on/off power switch

To reduce the possibility of AC current leakage, this amplifier is provided with a grounding type power supply cord. Be sure to connect to a grounded receptacle.

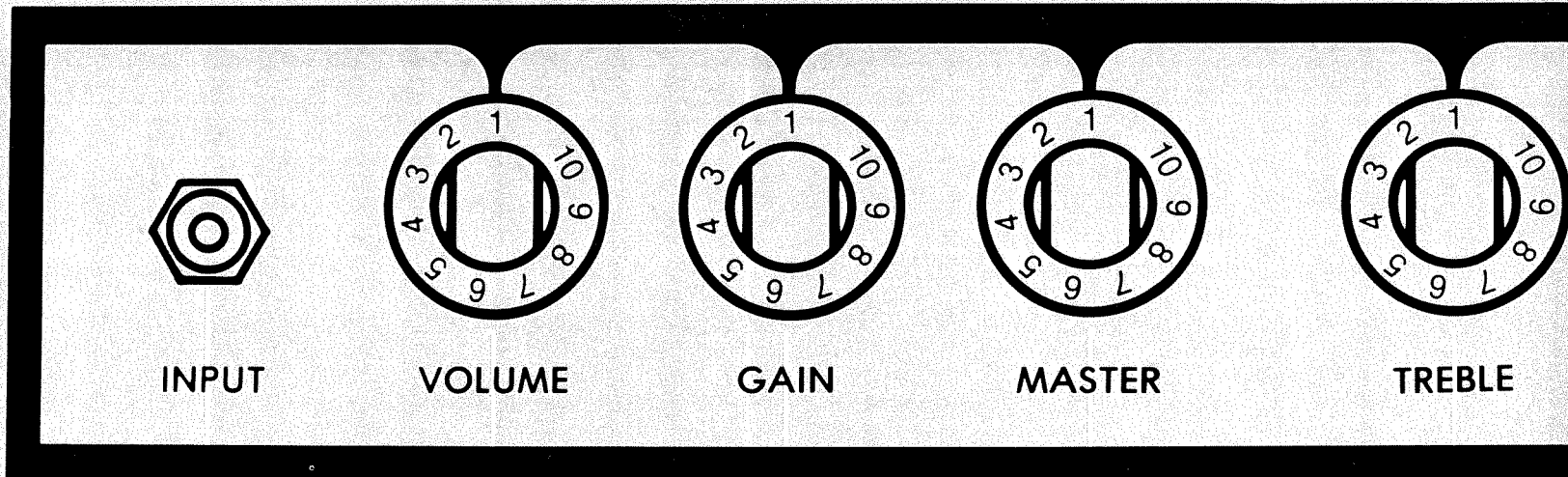
Operation from an ungrounded (2 pronged) receptacle requires a 3-to-2 contact grounding type adapter. The adapter's grounding lead must be connected to a good earth ground.

Reversing the power cord plug in a two conductor receptacle may reduce power line hum and noise levels.

Fender's special-design electronic parts provide optimum performance in this amplifier. For best results, replace with Fender original equipment parts only.

Fender Harvard Reverb II/Yale Reverb

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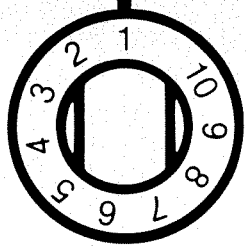
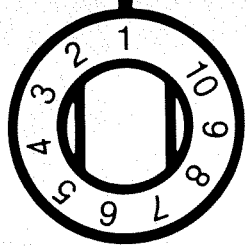
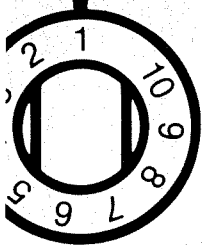
INPUT
Connection for instrument.

VOLUME
Volume setting from zero to full power.

GAIN
Operates in conjunction with the volume control and affects the sensitivity and the preamp distortion threshold. Each setting allows a different lead type overdriven sound.

MASTER
Controls sound output of amplifier.

TREBLE
Provides high frequency equalization as required.



MIDDLE

BASS

REVERB



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MIDDLE
Provides active midrange equalization with cut and boost.

BASS
Provides desired amount of bass response.

REVERB
Selects the amount of reverberation.

PILOT INDICATOR
Pilot LED indicates when amplifier is On.

ON/OFF SWITCH
Turns amplifier On and Off.

Fender Harvard Reverb II/Yale Reverb



CAUTION: TO REDUCE THE RISK OF FIRE REPLACE ONLY WITH SAME TYPE FUSES SPECIFIED.

CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK DO NOT REMOVE CHASSIS. NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.


MODEL HARVARD REVERB II
120 V ~
50/60 Hz
50 WATTS


PRIMARY FUSE
1 A-125 V
SLO-BLO


SPEAKER FUSE
2 A-125 V
NORMAL BLO


ON  **OFF** 

SPEAKER

HEADPHONES 

REVERB PEDAL 

PRE-AMP OUTPUT 

POWER AMP INPUT 

FENDER MUSICAL INSTRUMENTS
A DIVISION OF CBS INC., FULLERTON, CALIFORNIA

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PRIMARY FUSE
CAUTION: To reduce the risk of fire, replace only with the same type slo-blo fuse (See wiring page 8).

SPEAKER FUSE
CAUTION: To reduce the risk of fire, replace only with the same type normal blo fuse.

HEADPHONES
This stereo phone jack is a connection for almost any stereo or mono headphone (8 to 600 ohms impedance). (Harvard Reverb II only)

SPEAKER ON/OFF
Used for preamp function only or with headphones for private listening. (Harvard Reverb II only)

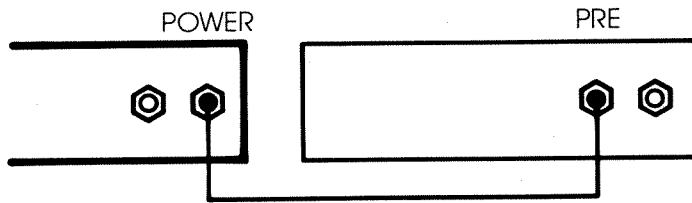
REVERB PEDAL
For connection to optional foot pedal.

PRE-AMP OUTPUT
Permits direct connection of external signal processors such as phaser, chorus, equalizer, digital delay and other type devices. Creates an Effects Loop when used with the Power Amp Input.

POWER AMP INPUT
Permits direct connection to internal power amp input — by insertion of a plug in this jack, the circuit behind the Pre-Amp and Power Amp is interrupted.

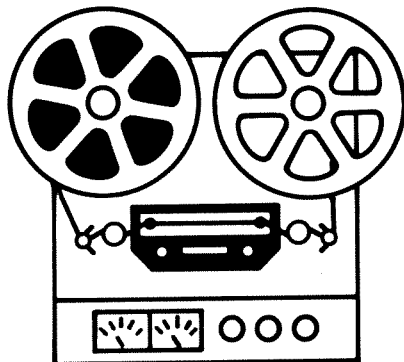
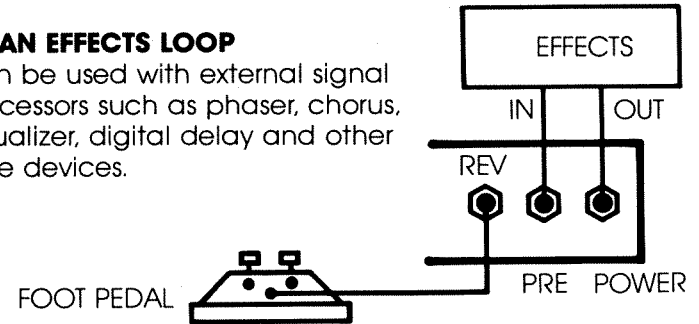
1. WITH A SLAVE UNIT

Can be used with a second amplifier for increased power that is controlled by one pre-amp.



2. AS AN EFFECTS LOOP

Can be used with external signal processors such as phaser, chorus, equalizer, digital delay and other type devices.

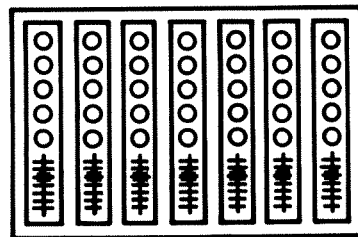
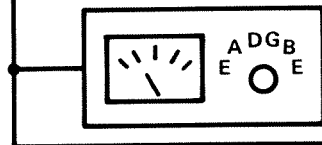


3. FOR RECORDING APPLICATIONS

Can be used as a direct source for recording the amplifier sound without the need for an external microphone.

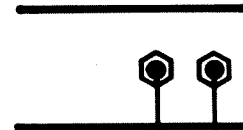
TAPE

TUNER



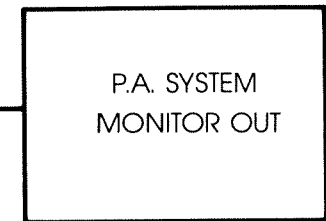
MIXER

PRE POWER



4. WITH P.A. SYSTEM

For use as a remote power monitor speaker.



SUGGESTED SETTINGS

Bright Rhythm

Control panel for Bright Rhythm settings. It features eight knobs and a pickup selector. The knobs are labeled: INPUT, VOLUME, GAIN, MASTER, TREBLE, MIDDLE, BASS, and REVERB. The pickup selector is on the right. The settings are: INPUT (Normal), VOLUME (10), GAIN (10), MASTER (10), TREBLE (10), MIDDLE (10), BASS (10), and REVERB (10). The pickup selector is set to the neck pickup.

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Warm Rhythm

Control panel for Warm Rhythm settings. It features eight knobs and a pickup selector. The knobs are labeled: INPUT, VOLUME, GAIN, MASTER, TREBLE, MIDDLE, BASS, and REVERB. The pickup selector is on the right. The settings are: INPUT (Normal), VOLUME (10), GAIN (10), MASTER (10), TREBLE (10), MIDDLE (10), BASS (10), and REVERB (10). The pickup selector is set to the neck pickup.

FENDER MUSICAL INSTRUMENTS
MADE IN U.S.A.

Heavy Metal Lead

Control panel for Heavy Metal Lead settings. It features eight knobs and a pickup selector. The knobs are labeled: INPUT, VOLUME, GAIN, MASTER, TREBLE, MIDDLE, BASS, and REVERB. The pickup selector is on the right. The settings are: INPUT (Normal), VOLUME (10), GAIN (10), MASTER (10), TREBLE (10), MIDDLE (10), BASS (10), and REVERB (10). The pickup selector is set to the neck pickup.

FENDER MUSICAL INSTRUMENTS
MADE IN U.S.A.

Sweet Fat Lead

Control panel for Sweet Fat Lead settings. It features eight knobs and a pickup selector. The knobs are labeled: INPUT, VOLUME, GAIN, MASTER, TREBLE, MIDDLE, BASS, and REVERB. The pickup selector is on the right. The settings are: INPUT (Normal), VOLUME (10), GAIN (10), MASTER (10), TREBLE (10), MIDDLE (10), BASS (10), and REVERB (10). The pickup selector is set to the neck pickup.



FENDER MUSICAL INSTRUMENTS
MADE IN U.S.A.

Examine the rear panel of this unit. The amplifier is equipped with the proper power supply cord for your country. On the 100v-260v Model, set the voltage selector to proper voltage before connecting to power receptacle. If you have any further questions regarding voltage, please consult your local distributor.

Replace fuse with same type as specified on the rear panel.



120v-50/60 Hz
100v-50/60 Hz

CAUTION: TO REDUCE THE RISK OF FIRE REPLACE ONLY WITH SAME TYPE FUSES SPECIFIED.

PRIMARY FUSE	SPEAKER FUSE
1 A-125 V SLO-BLO	2 A-125 V NORMAL BLO
MODEL HARVARD REVERB II	
120 V ~ 50/60 Hz 50 WATTS	
	



220v-50/60 Hz
240v-50/60 Hz

CAUTION: TO REDUCE THE RISK OF FIRE REPLACE ONLY WITH SAME TYPE FUSES SPECIFIED.

PRIMARY FUSE	SPEAKER FUSE
T500 mA	F2A
MODEL HARVARD REVERB II	
220 V ~ 50/60 Hz 50 WATTS	
	



120v-50/60 Hz
100v-50/60 Hz

CAUTION: TO REDUCE THE RISK OF FIRE REPLACE ONLY WITH SAME TYPE FUSES SPECIFIED.

PRIMARY FUSE	SPEAKER FUSE
2A-125V SLO-BLO	3A-125V NORMAL BLO
MODEL YALE REVERB	
120 V ~ 50/60 Hz 50 WATTS	
	

220v-50/60 Hz
240v-50/60 Hz

CAUTION: TO REDUCE THE RISK OF FIRE REPLACE ONLY WITH SAME TYPE FUSES SPECIFIED.

PRIMARY FUSE	SPEAKER FUSE
T 1 A	F 3.15 A
MODEL YALE REVERB	
220 V ~ 50/60 Hz 50 WATTS	
	

Under the terms of the limited warranty, defective parts will be replaced by your authorized Fender Dealer. Fender original equipment tubes are designed and built to provide optimum performance in musical instrument amplifiers. To maintain best performance and quiet operation, replacement should be made with original equipment tubes. Fender Musical Instruments furnishes warranty service through authorized Fender Dealers.

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

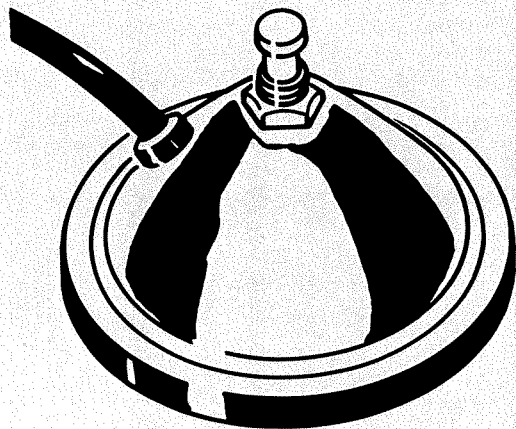
- Is the amp power cord properly plugged into an electrical outlet?
- Is there power at the outlet?
- Is the primary fuse blown?
- Is the speaker properly connected to the amplifier?
- Are all control knobs turned up above 4?
- Is the volume control on your instrument turned up?
- Is your instrument properly plugged into the amplifier?

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 amplifier plugged into power outlet when cleaning. See inside front cover for U.L. Warning.

FOOT PEDAL (Optional, P/N 010640)

This Pedal Assembly enables the player to remotely switch the REVERB On or Off. To attach Pedal Assembly, insert the plug into the jack labeled "FOOTSWITCH" or "PEDAL" located on the rear panel of the amplifier.

NOTE: The Pedal Cable MUST be secured to the cabinet by means of a suitable clamp and screw, such as P/N 068425 Clamp, Pedal cable .125 I.D., and P/N 084699-Screw, 8x3/4 F.H. Phillips. To reduce the risk of tearing the leads from their associated plugs, screw accessory cable clamp to inside wall of cabinet.



This limited warranty against defects in material and workmanship begins at the date of original retail purchase and lasts for one (1) year from that date. It applies to all components and is limited to the original retail purchaser. You may prove date of purchase by completing and mailing the registration card to Fender/CBS Musical Instruments, or retaining a copy of your sales invoice.

Transportation charges are not included in this warranty. If any component of the product is found to be defective, we will furnish a replacement without charge if it is returned to an authorized Fender Dealer, an authorized service technician or Fender Service Center at the address provided below. Any

damage or defect resulting from unauthorized parts or service is excluded. Any service performed by other than an authorized Fender Dealer, an authorized service technician or Fender Service Center is not reimbursable under this warranty.

The warranty is void if the serial number is defaced or removed, or the product has been visibly damaged by alteration, misuse, accident or neglect. THE COMPANY ASSUMES NO LIABILITY FOR PROPERTY DAMAGE WHICH MAY RESULT FROM THE FAILURE OF THIS PRODUCT. Any warranties of MERCHANTABILITY or FITNESS implied by law are limited to the duration of this express limited warranty.

Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you. Some states do not allow

the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

Have your service performed by: An Authorized Fender Dealer, authorized service technician or, Fender Service Center
1300 East Valencia
Fullerton, California 92634

WARRANTOR:
FENDER/CBS MUSICAL
INSTRUMENTS
A Division of CBS Inc.
Post Office Box 4137
1300 East Valencia
Fullerton, CA 92634