



Fender[®]

MADE IN U.S.A.

**PA 135
VOCAL SOUND SYSTEM
with REVERB**

**OWNER'S
MANUAL**

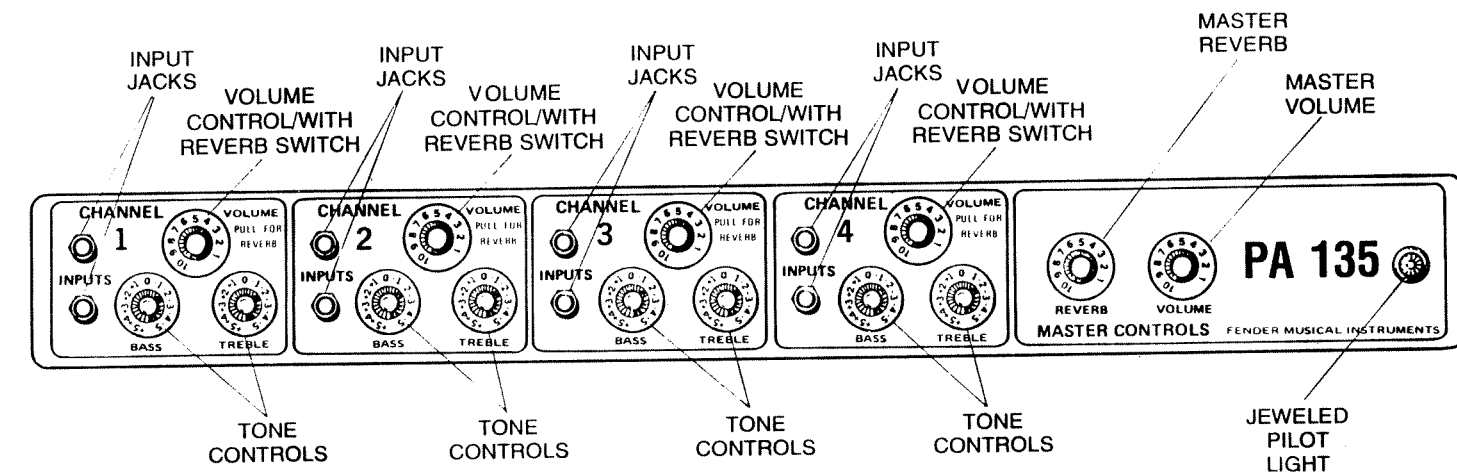
MANUAL NO 014339 (REV. A)



PA 135 VOCAL SOUND SYSTEM WITH REVERB

Your selection of a Fender PA system will be rewarded with years of quality amplification in a wide range of controlled sounds. This manual is designed to familiarize you with the equipment and acquaint you with its many fine features. Read it carefully so that you will benefit from all of the features as soon as you start using this system.

135 WATTS RMS AND 297 WATTS PEAK MUSIC POWER



FRONT PANEL

FRONT PANEL FUNCTIONS

INPUT JACKS (EACH CHANNEL)

The Fender PA 135 is designed to operate up to 8 microphones simultaneously. For best results, the popular "high" impedance microphones should be used. However, in the event that microphone cables in excess of 20 feet are necessary, the use of "low" impedance microphones with a plug-in impedance matching transformer is recommended in order to maintain the treble response.

CONTROLS (EACH CHANNEL)

Volume Control/Reverb — Controls volume for individual channel output. Pull knob out to switch reverb, "on," for each channel.

Treble Control — Provides control of high frequency response.

Bass Control — Regulates desired amount of bass response.

MASTER CONTROLS

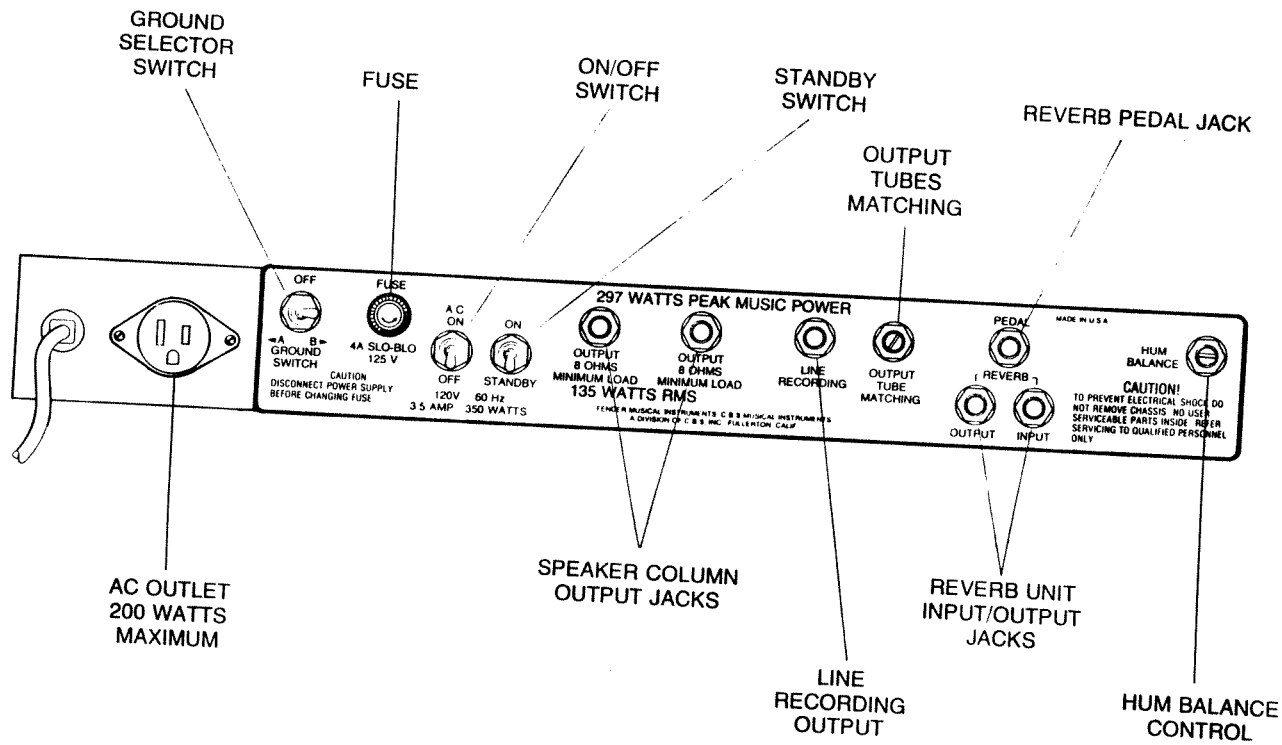
Reverb Control — Regulates amount of reverb for all channels simultaneously.

Volume Control — Simultaneously controls the output of all channels of the amplifier.

JEWELLED PILOT LIGHT

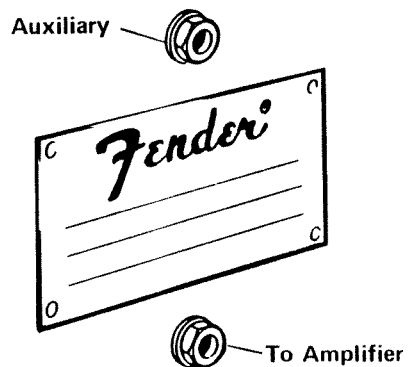
Indicates when amplifier is turned on.

REAR PANEL



SOUND COLUMN FEATURES

- Each 8 ohm column is supplied with four 8" high efficiency speakers.
- Two jacks are installed on each column.
- It is suggested that the lower jack be used to connect the SOUND COLUMN to the amplifier. The upper jack is convenient for connecting an optional auxiliary horn tweeter, monitor speakers or any additional sound column.



OPERATION NOTES

If the red pilot light doesn't light when the power switch is turned "on," verify that the AC cord is plugged into an operating outlet and that the fuse is installed and operable. If in doubt try a new fuse.

If there is no sound:

1. Verify that the "STANDBY" switch is in the "ON" position.
2. Check the volume control on the channels in use and the Master Volume Control. At the "1" setting, the volume is off.
3. Inspect the microphone and speaker plugs for positioning in their respective jacks.
4. If the microphone you are using has an on/off switch, be sure this switch is in the "on" position.
5. Check for bad connections or broken lines or connectors between the major components of the P.A. system.

Minimizing Feedback

Acoustic feedback is the condition which occurs when the microphone picks up a sound from the speakers and the sound is reamplified over and over until it builds into a loud, ear-splitting roar. This condition can develop with any Public Address System. A room will have a maximum volume level and when the volume is increased above that level feedback will result. The following suggestions will increase the volume which can be used in any given area without feedback resulting.

1. Use a high quality uni-directional microphone of a high impedance dynamic type.
2. Experiment with the placement of the speakers and microphone in each room where the system is to be used. Placing the speakers in front of the microphone is a good place to start.
3. Tone control settings are most important when using the Vocal Sound System. Careful checking of various tone settings will often improve coverage and increase the intelligibility factor.

ACCESSORIES

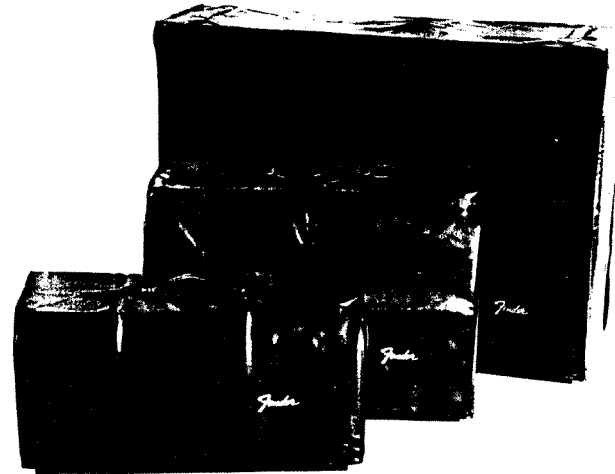


HIGH FREQUENCY HORNS

Increase treble response. Especially useful where maximum projection is required.

UNIVERSAL STAND

Designed to adapt to P.A. tops, this stand offers convenience casters and heavily plated all metal components.



FENDER AMPLIFIER COVERS

Waterproof, tear and abrasion-resistant amplifier covers are available for every Fender amp. They prevent surface damage to the amplifier and keep out dust. Lined with soft flannel, these black vinyl covers feature the amplifier model name and Fender trademark.