

Fender[®]

**FENDER SIDEKICK CHORUS 20
OWNER'S MANUAL**

INTRODUCTION

The Fender SK CHORUS 20 offers professional features and performance in a small, convenient package. This amplifier, like all Fender amplifiers, is the result of many years of design experience and hundreds of hours of testing and evaluation by some of the world's most respected musicians.

The SK CHORUS 20 is a true "stereo" amplifier. There are two (2) 10 watt amplifiers in the power amp section. By using the stereo chorus circuitry in this amp, you can take full advantage of today's most popular amplifier feature, stereo chorus.

The two (2) 8 inch speakers will deliver excellent sound quality with both clean and overdrive sounds. The overdrive section of the SK CHORUS 20 is capable of ultra-high gain distortion at the touch of a button.

For convenience, all control, switches and jacks are mounted on the front panel, this makes the SK CHORUS 20 much easier to use.

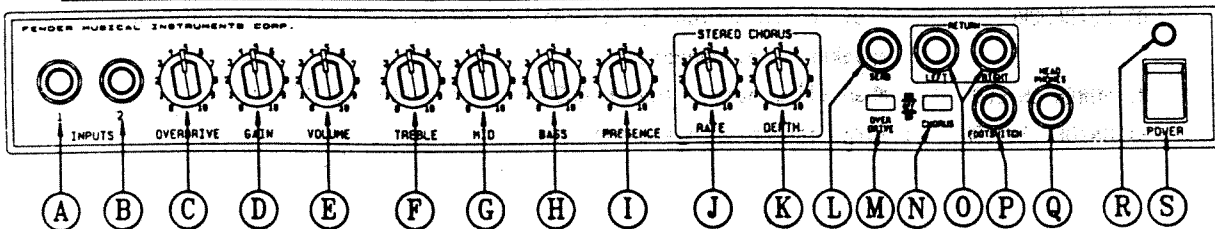
In order to benefit from all the features of your new Fender amplifier, please read this manual carefully to make sure you understand the operation of this unit. The SK CHORUS 20, like all Fender amplifiers, will reward you with years of music making and enjoyment.

WARNING: TO REDUCE THE RISK OF FIRE OR SHOCK HAZARD, DO NOT EXPOSE AMPLIFIER TO RAIN OR MOISTURE!

SPECIFICATIONS

MODEL	SK CHORUS 20
DIMENSIONS: HEIGHT WIDTH DEPTH	326mm 460mm 180mm
WEIGHT	7.2Kg
INPUT IMPEDANCE: INPUT 1 INPUT 2	600K Ω 300K Ω
NOMINAL LEVEL: INPUT 1 INPUT 2	100mV 1V
POWER OUTPUT	10W \times 2
RATED LOAD IMPEDANCE	8 Ω \times 2
EFFECTS LOOP: NOMINAL LEVEL OUTPUT IMPEDANCE INPUT IMPEDANCE	-20dBV 1K Ω 30K Ω
POWER REQUIREMENTS	120VAC 50/60Hz 12W
SPEAKER COMPLEMENT	8 Ω , 8" \times 2

SIDEKICK CHORUS 20 OPERATING INSTRUCTIONS



- A) INPUT 1 : High impedance, high sensitivity plug-in connection for instrument.
- B) INPUT 2 : Plug-in connection for instrument. Lower impedance and sensitivity than INPUT 1, will provide softer and dark tone. Both inputs are equal when used together.
- C) OVERDRIVE : Sets the amount of pre-amp distortion. OVERDRIVE SWITCH (M) must be ON for this control to work. "0" is smallest amount of distortion, "10" is for that great metal sound. If OVERDRIVE SWITCH (M) is off, this control has no effect on sound.
- D) GAIN : Sets the amount of gain in the pre-amp. To achieve a clean sound, set the GAIN control between "0" and "3". As the GAIN is increased, the pre-amp distortion will also increase.
- E) VOLUME : Sets the overall volume of the unit. Be careful when switching the OVERDRIVE circuit, the volume will increase.
- F) TREBLE : Adjusts the amount of boost or cut of the high frequencies.
- G) MID : Adjust the amount of boost or cut of the mid-range frequencies.
- H) BASS : Adjust the amount of boost or cut of the low frequencies.
- I) PRESENCE : High frequency boost in a slightly different frequency range than the Treble control. Great for adding that traditional Fender "sparkle" to your sound.
- J) CHORUS RATE : Adjusts the speed (rate) of the stereo chorus. At lower setting the effect is a slow sweeping; a higher rate provides tremolo type effects.
- K) CHORUS DEPTH : Sets the amount of chorus effect being heard. At "0", the chorus effect will be very little; at higher settings the "de-tuning" effect of the chorus may be too drastic and sound out-of-tune. The DEPTH should be set between "3" and "7" for best results.
- L) EFFECTS SEND : This jack provides an unbalanced mono output from the pre-amp. This output can be used in conjunction with RETURN jacks (O) to create an effects loop.
- M) OVERDRIVE SWITCH: Turns OVERDRIVE on and off.
- N) CHORUS SWITCH : Turns the Stereo Chorus effect on and off. Make sure the DEPTH control (K) is set past "2".
- O) LEFT/RIGHT RETURN: These jacks (LEFT and RIGHT) connect directly into each of the two (2) power amps. The output from a stereo effects device can be connected directly at this point to preserve the stereo image created by the effect. When using a mono effect, either RETURN jack can be used; the effect will be present in the corresponding (Left/Right) speaker only.
- P) FOOTSWITCH: Plug-in connection for optional footswitch. Footswitch will turn OVERDRIVE and CHORUS on and off. Footswitch must have 1/4" stereo (ring-tip sleeve) jack for connection to the amplifier.

- Q) HEADPHONE : Plug-in connection for stereo headphones. When jack is engaged, the speaker is disconnected.
- R) POWER ON LED : When illuminated, the SK CHORUS 20 is receiving AC power.
- S) ON/OFF SWITCH : Turns the unit on and off.

LINE CORD: This amplifier is equipped with a grounded type AC supply cord to reduce the possibility of current leakage. Be sure to connect it to a grounded AC receptacle. Operation from an ungrounded (two pronged) AC receptacle requires a "three to two" contact grounding type adaptor. Be sure to connect the adaptor's grounding lead to a good earth ground. **DO NOT ALTER THE AC PLUG OF THE AMPLIFIER.**

VINYL CARE: The exclusive Fender vinyl covering on your SK CHORUS 20 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 the amplifier plugged into the power outlet while cleaning.

TROUBLESHOOTER'S CHECKLIST:

If your amplifier is set up, but does not function properly, check the following:

- *Is the amp power cord plugged into an electrical outlet?
- *Is there power at the outlet?
- *Are the speakers properly connected to the amplifier?
- *Are all the knobs turned up past four (4)?
- *Is the volume control on the instrument turned up?
- *Is your instrument properly plugged into the amp?
- *Is the guitar cord in good working order? Always try another cord if you think there is a problem. Also, eliminate any effects devices and try plugging the guitar directly into the amp.

If, after trying all of the above, your amplifier is still not performing correctly, consult your local Fender Dealer or Fender Authorized Service Center.

FENDER MUSICAL INSTRUMENTS

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WARRANTOR:

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