SCHOLZ RESEARCH & DEVELOPMENT, INC.
1560 TRAPELO ROAD, WALTHAM, MASSACHUSETTS 02154
(617) 890-5211

ROCKMAN FOOTSWITCH MODIFICATION

The FOOTSWITCH MODIFICATION provides remote switching capability of MODE, VOLUME and CHORUS SWEEP. Since these functions are independant, you can make use of any one, two, or all three. For each function, you will need one standard push on - push off type footswitch, or you can use the custom designed ROCKMAN FOOTSWITCH CONSOLE, available separately.

DISTORTION MODE SWITCHING

This function allows you to remotely switch between DIST and whichever mode you have selected on the ROCKMAN function switch, (CLN2, CLN1, or EDGE).

* Insert a MONO 1/4" plug from your footswitch into the jack marked "MODE"

* Set ROCKMAN function switch to desired position (CLN2, CLN1, or EDGE)

* Whenever the footswitch is closed (shorted to ground) , the ROCKMAN circuits are electronically switched to DIST MODE.

VOLUME SWITCHING

This function allows you to remotely select between normal and reduced volume. The volume difference is about 5dB. This function is completely independant of the ROCKMAN "VOL" switch.

* Your VOLUME footswitch must be connected to the RING of a STEREO 1/4" plug inserted into the jack marked "CHORUS/ VOLUME"

* Using the footswitch, set the ROCKMAN to reduced volume.

* Adjust your amplifier setup for normal sound level.

* You can now use the footswitch to get a volume boost for leads and solos.

* Whenever the footswitch is closed (shorted to ground) , the ROCKMAN volume is reduced by 5dB.

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CHORUS SWEEP SWITCHING

This function allows you to stop the CHORUS SWEEP. The ROCKMAN signal is still in stereo, due to a small fixed time delay of about 17 mSec present in the LEFT and RIGHT outputs.

* Your CHORUS SWEEP footswitch must be connected to the TIP of a 1/4" plug inserted into the jack marked "CHORUS/VOLUME".

* Set the ROCKMAN effects switch to NORM, or to ECHO OFF if you prefer no reverb.

* Whenever the footswitch is closed (shorted to ground) , the CHORUS SWEEP is stopped.

To make use of both the CHORUS SWEEP and VOLUME switching functions, you will have to wire up two switches to a STEREO plug, or use a adaptor with two MONO 1/4" jacks connected to a STEREO 1/4" plug. (See illustrations)

If you don't need the VOLUME switching function, your CHORUS SWEEP footswitch can be connected to a MONO 1/4" plug. When this MONO plug is inserted in the "CHORUS/VOLUME" jack, the ROCKMAN volume will always be reduced by 5dB, so you must compensate with your amplifier settings.

When you are not using the footswitches, your ROCKMAN will have all of it's normal features and capabilities.

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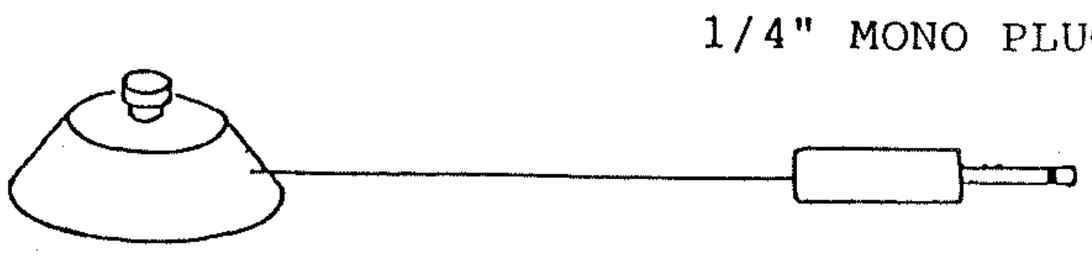
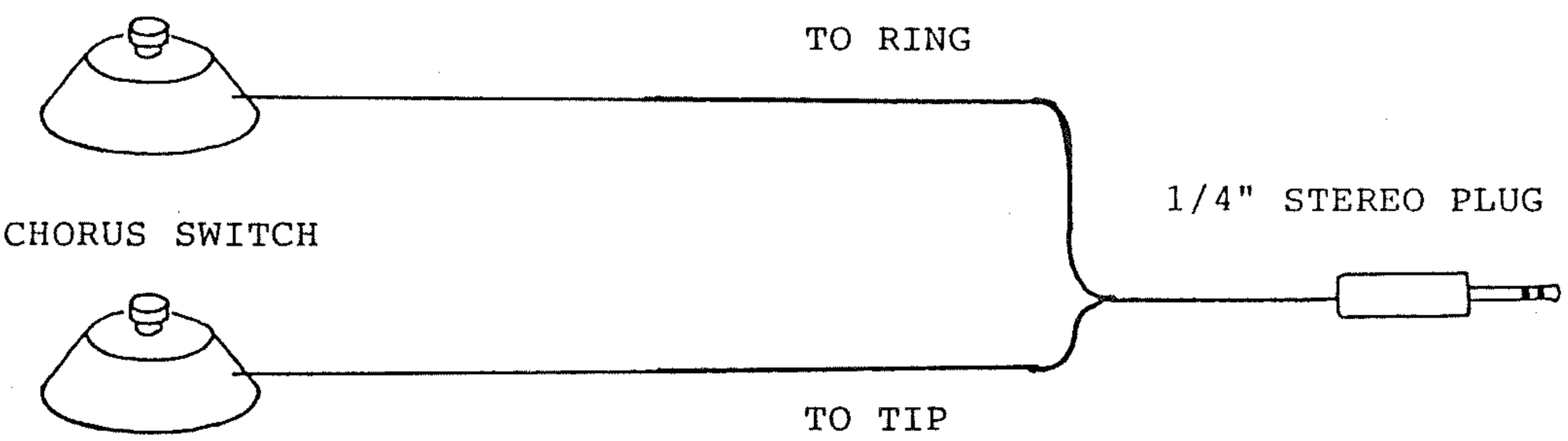
FOOTSWITCH CONNECTIONS

DISTORTION MODE SWITCH

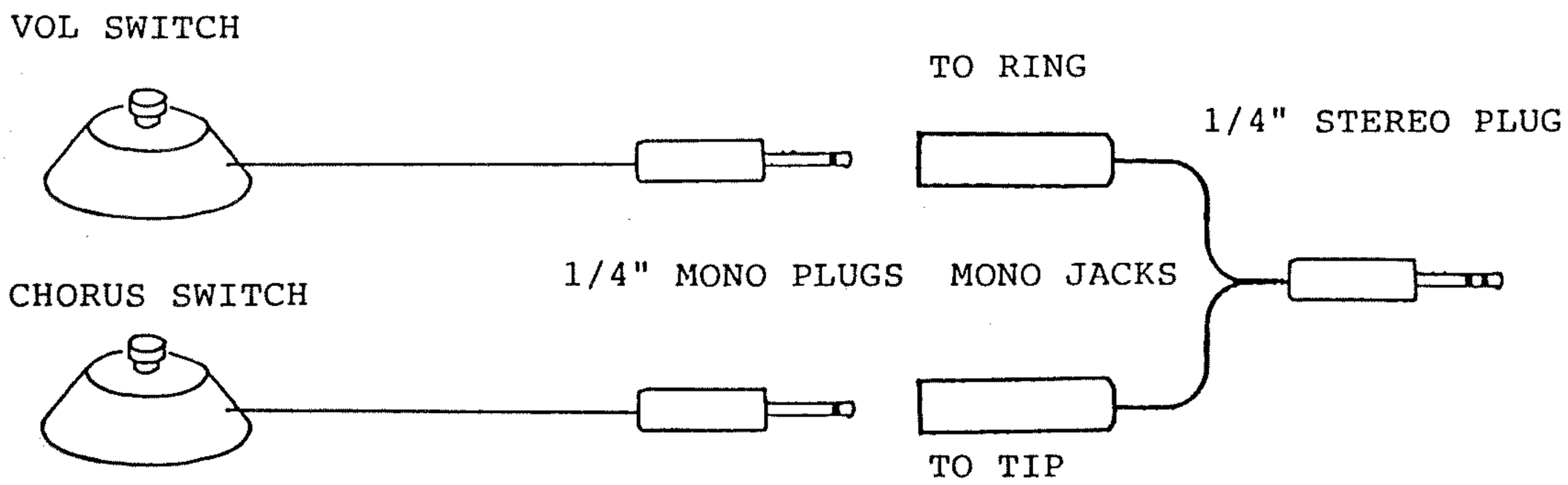


VOL SWITCH

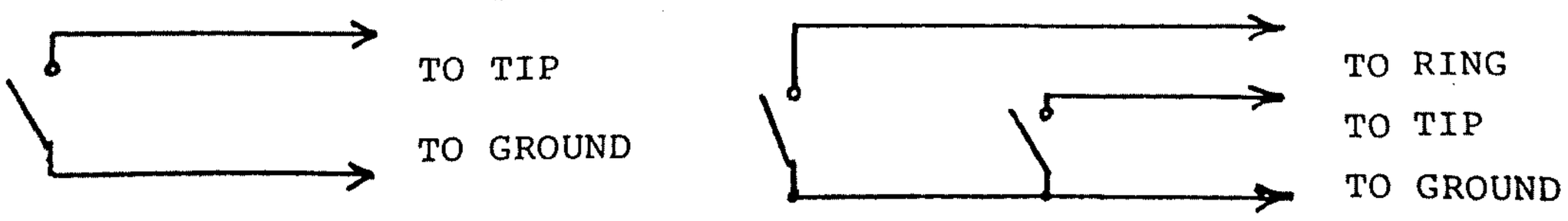
CHORUS SWITCH



OPTIONAL Y CORD CONNECTION



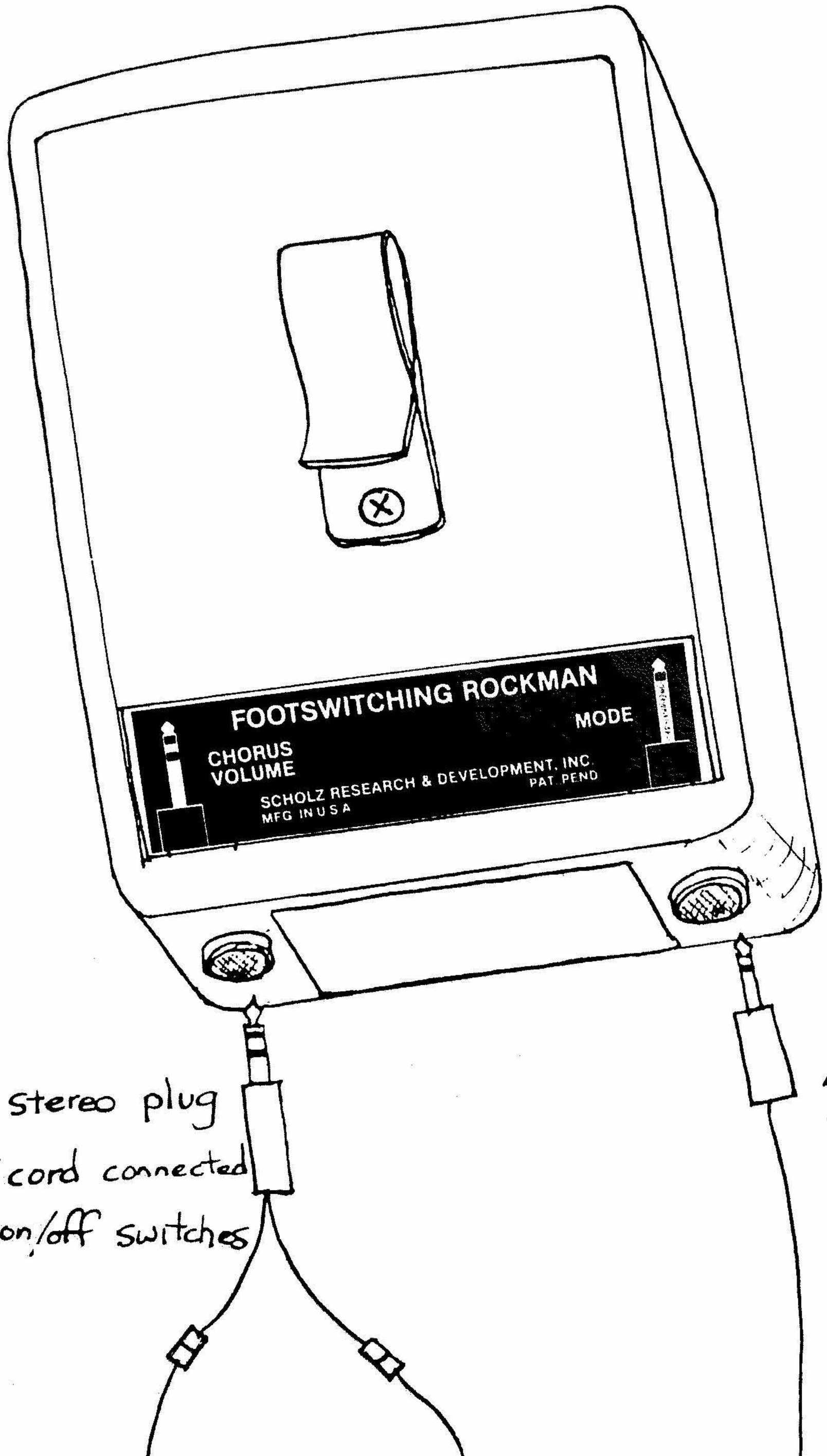
SWITCH SCHEMATICS



DIST MODE SWITCH 1/4" MONO PLUG

VOL SWITCH CHORUS SWITCH 1/4" STEREO PLUG

ROCKMAN FOOTSWITCH HOOK-UP



1/4" Stereo plug w/"Y" cord connected to (2) on/off switches

1/4" Mono plug to (1) on/off switch

S&R

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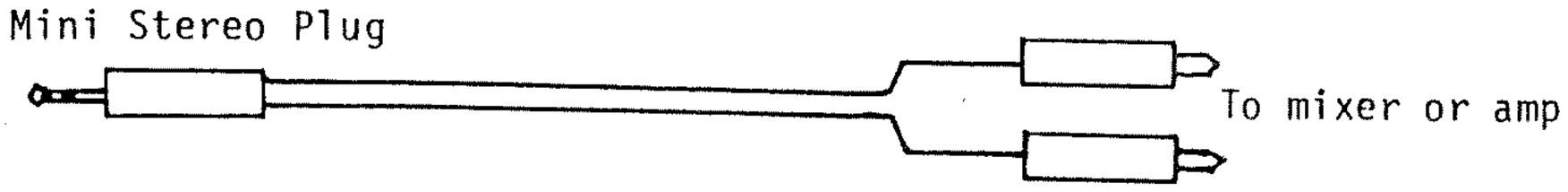
OBTAINING A MONO OUTPUT FROM THE ROCKMAN

Many ROCKMAN users have questioned us about obtaining a mono output from their units. Here is some information to help you obtain a mono ROCKMAN signal correctly.

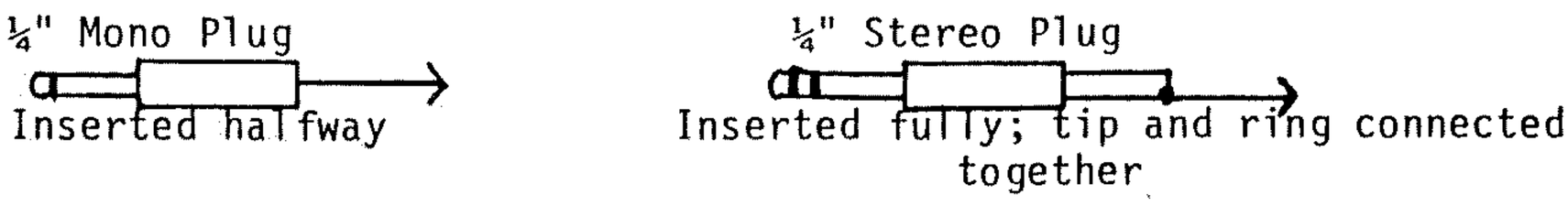
BUT FIRST -- We at Scholz Research & Development would like to urge that you consider amplifying the ROCKMAN in STEREO to take advantage of the fully produced true stereo sound now available to you!

However, if you insist on plain mono, here are three methods:

1. Using the ROCKMAN Y cord, connect from the phones output mini jack to two separate channels of a mixer or guitar amp.



2. Use the AUX STEREO IN jack as an <u>OUTPUT</u> jack, inserting a regular ¼" guitar plug into the jack halfway, so that both channels are contacted and mixed together. Alternatively, a stereo plug with both tip and ring wired together can be inserted fully into the AUX jack. The AUX STEREO jack will drive a standard guitar amplifier, by providing a high impedance, low level output.



3. Construct a cable that <u>resistively</u> mixes the left and right channels from one of the ROCKMAN output mini jacks. CAUTION - DO NOT SHORT the left and right channels together -- this will cause distortion or uncontrollable oscillation. The channels should be mixed with resistors of at least 1KΩ value.