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Description

# Leslie 3500

## HORN ROTOR/HORN DRIVER

Leslie 3500 uses the same horn rotor and driver as the vintage-reproduction models 122H/142H.

This means that the horn is modeled to the shape that was used before the 1970s, which is widely recognized as 'the' vintage sound. The horn driver is based on the original V-21, recreating not only its characteristics speaker-wise, but also shape-wise. The latter also influences the sound. When the driver is built into the cabinet, it is covered with cloth (just like the original), to fine-tune the sound.

In addition to this, the volume of the horn driver can be adjusted so that the balance between horn volume and woofer volume is optimised.

## WOOFER

Leslie 3500 is equipped with a woofer (the same as in Leslie models 122H/142H), developed with the aim of producing the sound of the vintage Leslie 122 (C15L). Further adjustments were made to achieve high volume-output.

## CONTROL PANEL

### OVERDRIVE

The 3500 series are equipped with a new transistor-preamplifier. Based on the push-pull transistor-technology used in vintage 330 and other models, the amplifier reproduces the distortion characteristic of overdriven transistors. You can control this level of distortion through the 'GAIN' volume and the 'OVERDRIVE ON/OFF' switch on the bottom control panel.

### EQUALIZER

The 3500 series are equipped with a 3-band equalizer.

- BASS allows you to adjust the sound quality of bass parts such as pedal parts and bass lines.
- MIDDLE allows you to adjust the midrange such as chords and melodies
- TREBLE allows you to adjust the high frequencies such as leakage sounds and key clicks.

You can adjust the sound to your liking according to the characteristics of the performance location and the individual differences of the desired vintage organ.

### BASS OUT JACK



## The vintage Leslie sound has never been closer !

If you want more powerful bass, you can hook up the bass-only output to an external bass amplifier, subwoofer or PA. Using a low-pass filter, the sound from the BASS OUT terminal, can be adjusted in terms of frequency with the BASS OUT FREQ knob.



## MOTOR CONTROL

The motors driving the moving elements of the Leslie 3500 series are brushless DC servo motors. They maintain a constant number of revolutions without being affected by power frequency or voltage

fluctuations.

The rise, fall and rotor speeds are adjustable from a control panel that is hidden behind the name-plate of the Leslie.

To access this panel, you need to unscrew the top and bottom screw of the name-plate (this can easily be done manually without any tools).



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