



**Leslie**  
**ORGAN SPEAKERS**

**"Pipe Voice of the Electric Organ"**

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## *“Pipe Voice of the Electric Organ”*

...most accurately describes the Leslie Organ Speaker. Musical instruments generally depend on acoustical properties for their individuality and beauty, and observation of this fact led to the development of the ingenious acoustical treatment\* incorporated in the Leslie Speaker. Like the great pipe-organ, this treatment provides the pipe-like quality including both the vast sound distribution and beautiful tremolo peculiar to pipe-organ.

When heard through a Leslie, Electric Organ tones possess a living voice that is preserved in a small living room or a large auditorium. The full range, and especially the deep pedal notes, create a delightful feeling of tremendous power. The complete sound distribution relieves many of the acoustical problems found in rooms of all sizes, and it is amazing how close to the speaker a person may be without feeling an uncomfortable loudness.

The complete sound distribution is extremely helpful for broadcasting and recording, another reason why Leslie Organ Speakers are so universally used throughout the nation in these fields. Since the Leslie Cabinet was first introduced over a decade ago, it has been recognized by leading organists throughout the country as the finest organ speaker equipment. It is indeed significant that the name “Leslie” has become a byword in the field of electrically produced music, and Leslie Cabinets are repeatedly requested whenever full, majestic organ tone is demanded.

Leslie Cabinets are especially well designed for beauty, durability, and performance. The high acoustical efficiency of the speaker systems employed gives the impression that these organ speakers have a much greater output than is actually the case. It is often surprising to find that one Leslie Cabinet gives exceptionally good results in environments usually regarded as requiring multiple speakers.

Installation and maintenance of this equipment is particularly easy and simple, and many years' service are assured by the use of only highest grade materials in the construction of Leslie Organ Speakers.

There are two Leslie models designed especially for use with Hammond Organs. The Model 31H is a highly refined instrument fundamentally the same as the first Leslie Speaker introduced in 1940. The tonal beauty achieved by the patented acoustical devices has never been surpassed. Noted for its excellent pedal response and power, this model represents the ultimate in electric organ speakers.

A smaller version of the Model 31H is the 21H which compares very favorably in every respect to the larger model in spite of its relatively small size. The high performance standards set by the 31H are maintained in this smaller cabinet due to very careful cabinet design and space saving techniques. The superior pedal response and middle register overcome poor acoustical environment to a remarkable degree. All of the Leslie features have been retained in this model resulting in the same beauty of tone and feeling of power so characteristic of Leslie Organ Speakers. Due to its smaller size and lower cost, the 21H is ideally suited for home use and will also be found highly desirable for many other applications. The cabinet design fits in particularly well with most decorative settings because of its simple yet beautiful lines. Special finishes may be applied by ordering in the unfinished state.



## MODEL 31H

### SPECIFICATIONS

**CABINET:** Finish: Walnut.

Dimensions: 26" wide, 20" deep, 60" high.

**TREMOLO CONTROL:** Remote control switch at console requiring no extra cables, provided as standard equipment. Streamlined, plastic console switch furnished in brown; also available in ebony or ivory on special order. Switch at speaker cabinet also provided, allowing various switching combinations including regular electric organ tone quality. Slow, medium and fast tremolo speeds are available by belt adjustment. Leslie Electric Brake for lower rotor is standard equipment.

**AMPLIFIER:** 30 watts output with high acoustical efficiency rivaling 40 watt systems. A volume control is provided which allows adjustment of the amplifier to match the output of the console. Maximum power without distortion may be obtained regardless of console variations. Plug-in electrolytic condensers allow replacement in a few seconds. Fuse protects amplifier.

**POWER SUPPLY:** 115 V 60 cycle.

**WEIGHT:** Net—Approximately 200 pounds. Crated for shipment—approximately 300 pounds.

**GUARANTEE:** One year guarantee against defects in workmanship or materials.



Console Tremolo Control

### SPECIFICATIONS

**CABINET:** Select walnut, finished to match consoles. Dimensions: 28" wide, 20" deep, 41" high.

**TREMOLO CONTROL:** Remote control switch at console requiring no extra cables is standard equipment. Streamlined, plastic console switch furnished in brown; also available in ebony or ivory on special order. Slow, medium and fast tremolo speeds are available by belt adjustment.

**AMPLIFIER:** Exceptional performance with 20 watts output. Carefully engineered for easy maintenance and long trouble-free service. Volume control on front of amplifier allowing full output with all consoles. Fuse on front of amplifier. Plug-in condenser permits complete replacement of all electrolytic condensers in a matter of seconds. Resilient amplifier mounting makes removal effortless. The 21H may be ordered equipped with the heavy duty 30 watt amplifier used in the Model 31H at a moderate additional cost which includes the electric brake.

**POWER SUPPLY:** 115 V 60 cycle.

**WEIGHT:** Approximately 155 pounds. Crated for shipment—approximately 180 pounds.

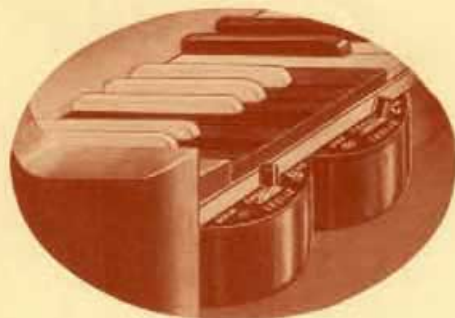
**GUARANTEE:** One year guarantee against defects in workmanship or materials.

## MODEL 21H



## LESLIE ACCESSORIES

### 3H and 3M Leslie Echo Controls



Echo and Tremolo Controls  
Grouped Together.

#### DESCRIPTION:

These three-position controls afford selective operation of main and echo speaker cabinets. The control switch is mounted in a streamlined, plastic case matching the tremolo control supplied with Leslie Cabinets. Installation is easily made without marring console or drilling holes. The equipment may be transferred from one console to another without leaving installation holes showing. This switch apparatus is supplied with terminal box containing necessary switching circuits.

#### OPERATION:

Complete output control of two tone cabinets is obtained by the use of this switch equipment. Since the switch has three positions, the echo cabinet can be made to sound alone, or the main cabinet can be used alone. The center position of the switch connects both cabinets to the circuit, and they play together in ensemble effect. By the use of the volume control in Leslie Cabinets, tonal balance between the two tone cabinets can be easily adjusted. For ensemble use, equal sound from each speaker is thus obtained, resulting in majestic organ effects.

#### INSTALLATION:

Installation is made simply by attaching the switch case to the front keyboard rail, mounting the terminal box inside the console, and connecting the cables. The cable linking the switch case to the terminal box is of sufficient length so that the switch case may be mounted anywhere along the keyboard rail. The 3H Echo Control is used with the larger consoles and is supplied less cable. The desired length of cable is ordered separately. Cable accessories, including soldering lugs and six-contact socket which may be installed on any length console-to-speaker echo cable, are provided. The 3M Echo Control is used with the spinet models M and M2 and is supplied complete with thirty feet of cable and all wiring.

#### PRICE:

LESLIE ECHO CONTROL TYPE 3H . . . . .	\$18.00
(complete with terminal box and cable hardware but without six-conductor cable)	
Six-conductor cable, brown plastic covered, per ft. . . . .	.30
Additional six-contact or five-contact plugs and sockets (with cable clamp type caps) Per set . . . . .	.75
LESLIE ECHO CONTROL TYPE 3M . . . . .	24.00



Echo Control at Right  
for Easy Access.

### 2H Leslie Electric Brake

The 2H Electric Brake is a small device that plugs into the Leslie 21H amplifier. The brake socket is wired into all 21H amplifiers, making installation as easy as plugging in a tube. Since the electric brake stops the rotors quickly, but not instantly, the tremolo stops

in a gentle manner, which in the opinion of many leading organists is preferable to the abrupt change experienced with electronic tremulant controls.

PRICE: 2H Electric Brake . . . . . \$12.00

Leslie Products Sold by

Manufactured by

ELECTRO  MUSIC

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