

# acoustic



1970

## ACOUSTIC'S FRIENDS



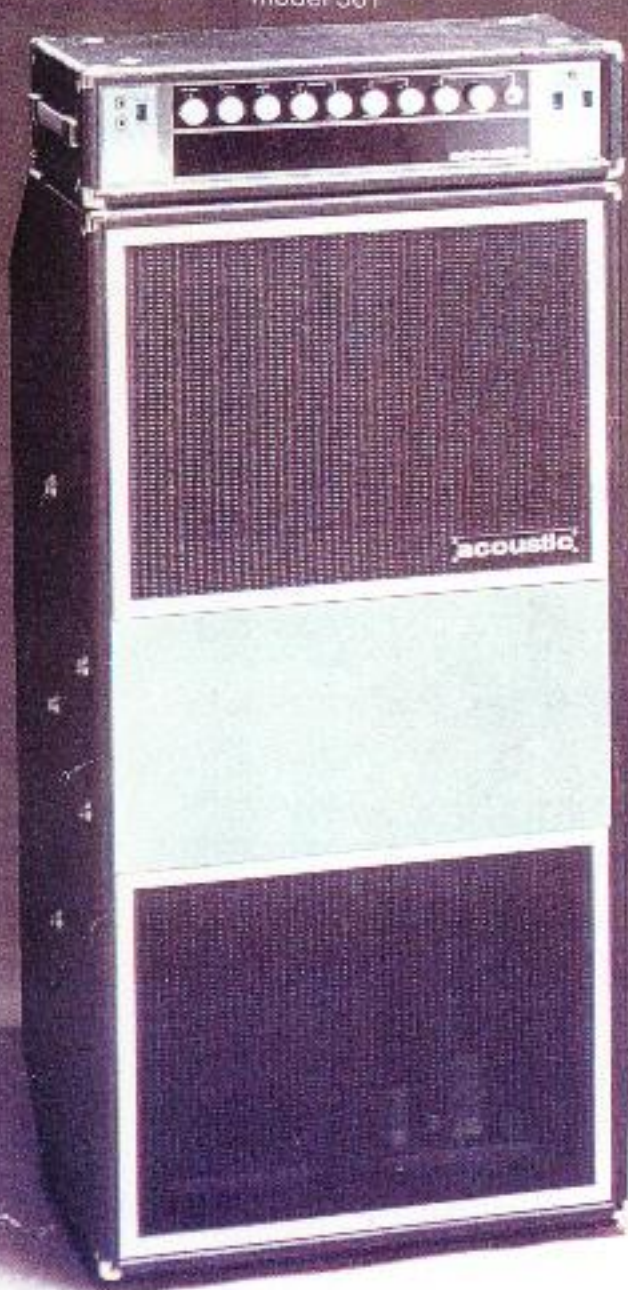
CHICAGO  
CROSBY, STILLS, NASH & YOUNG  
JOE COCKER  
CRAZY WORLD OF ARTHUR BROWN  
SWEETWATER  
PACIFIC GAS & ELECTRIC  
SPIRIT  
ALBERT KING  
DOORS  
JIMI HENDRIX  
TEN YEARS AFTER  
LINDA RONSTADT  
PAUL HORN  
SANTANA  
STEVE MILLER BLUES BAND  
GYPSY  
VELVET UNDERGROUND  
JUAREZ  
SOFT WHITE UNDERBELLY  
THE FLOCK  
BOB WEIR (GRATEFUL DEAD)  
ALICE COOPER  
SPOOKY TOOTH  
COMFORTABLE CHAIR  
CRYIN' SHAYMES  
FLOATING BRIDGE  
HOLY MODAL ROUNDERS  
TIM BUCKLEY  
SHADOWS OF NIGHT  
CHROME SYRCUS  
SLY & THE FAMILY STONE  
SMITH  
LED ZEPPELIN  
ILLINOIS SPEED PRESS  
LEE MICHAELS  
MOTHERS OF INVENTION  
TRAFFIC  
MEMBERS BROTHERS  
THE BONEYS  
FLOATING BRIDGE  
CHUCK BERRY  
TURTLES  
JOHNNY WINTER  
BLIND FAITH  
JEFFERSON AIRPLANE (sometimes)  
C. K. STRONG  
STRAWBERRY ALARM CLOCK  
ASSOCIATION  
SMOKE STACK LGHTNIN  
BLUE MOUNTAIN EAGLE  
COLLECTORS  
ELECTRIC PRUNES  
H. P. LOVECRAFT  
SPENCER DAVIS  
RHINOCEROS  
THE TROGGS  
ONE-EYED JACKS  
SILENCE  
SWEET NOTHIN  
CLEAR LIGHT  
DAVID COHEN  
MC<sup>2</sup>

acoustic  
4121 redwood avenue  
los angeles, california 90066

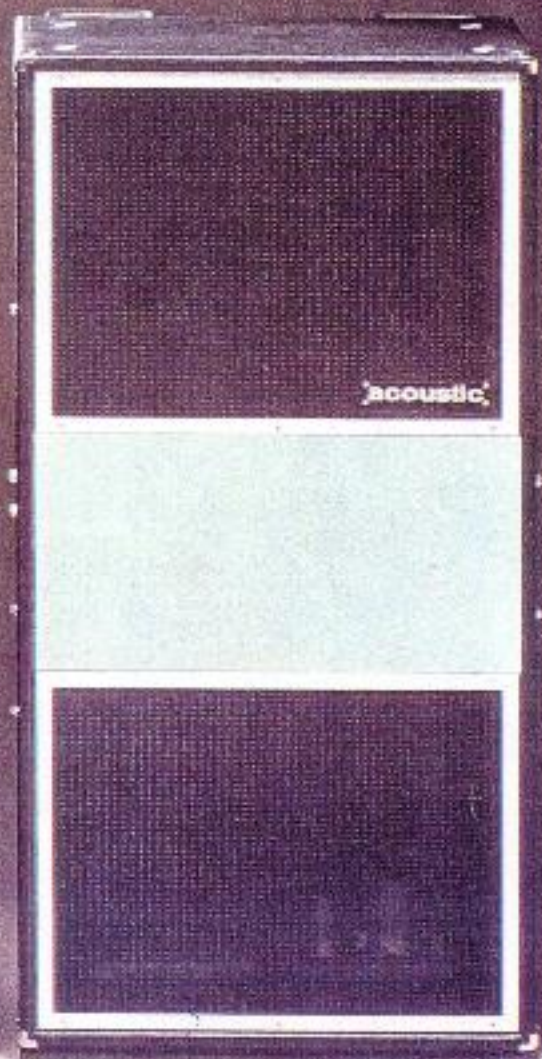


360 SERIES AMPLIFIERS—FOR THE MUSICIAN WHO NEEDS POWER

model 361



model 361 power plus





## 361 AMPLIFIER—THE MOST POWERFUL BASS AMPLIFIER ON THE MARKET TODAY

Model 361 consists of a full control preamplifier and the power plus sound output system. The preamplifier is designed specially for the bass guitar and includes all of these special sound circuits:

Variamp controls provide full spectrum tone control (range and effect).

Fuzz controls select both attack (type) and gain (amount).

### SOLID STATE POWER

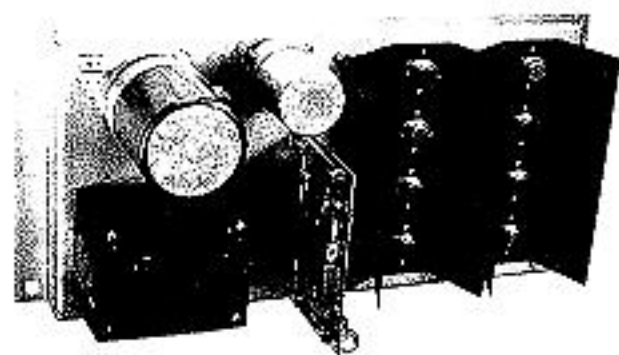
That's the look of a solid state circuit which will deliver 440 Watts of peak music power.

It requires the use of the very latest developments in silicon transistors. These new components conduct over a wide area—thus avoiding burn-outs. Plus—we connect many of the transistors in parallel to conduct all that electrical power.

Solid state design also allows our amplifiers to operate with a wide open front end and with a temporary short across the output. If you short out a speaker cable, our amplifiers won't blow up—as long as the short is removed within a few minutes.

The power plus sound output system includes a 440 Watt peak power, solid state amplifier and an 18" speaker mounted in a unique folded horn cabinet. This cabinet is constructed of 3/4" plywood using tongue and groove joints and a permanent back.

The 361 Power Plus may be used with any Acoustic Amplifier or our Model 880 Audio Mixer. It provides the full 440 Watts output with an input of 1 Volt RMS.



### SPECIFICATIONS

Power Output	
RMS Continuous	200 Watts
Peak Music Power	440 Watts
Preamplifier Gain	x40 (high gain input)
Signal-to-noise ratio	80 db
Inputs	2 (high gain and low gain)
Output Jacks	
Auxiliary Power	1—110 Volt AC outlets
Booster Outputs	4 (For use with the 361 PP)
Footswitch	Electronic Tuning Fork, Fuzz
Sound Controls	Volume, Treble, Bass, Bright Switch, Variamp Range and Effect, Fuzz Attack and Gain
Electronic Tuning Fork	5-octave coverage, fine, coarse, on/off controls
Power Controls	On/off and Ground Reverse Switch
Size	
361 (including top)	54" high by 24" wide by 18" deep
361P+	48" high by 24" wide by 18" deep
Weight (including top)	155 lbs

### REVERBRATO

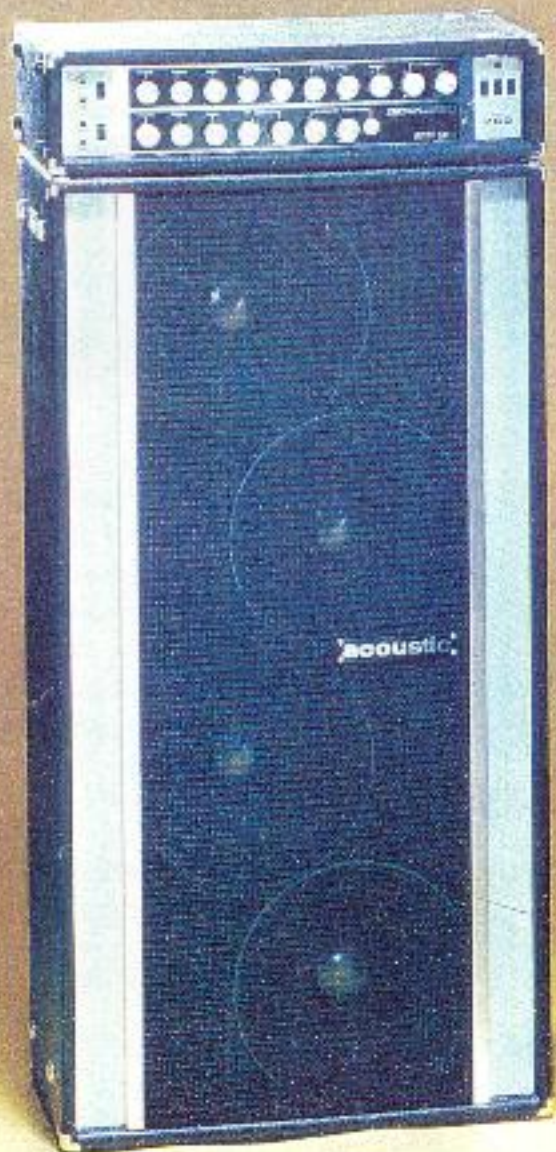
The acoustic Reverbrato is the first unit to be offered in the new Acoustic accessory line. Features include a moderate true reverberation effect, 3-positions of tape echo-type delay, cam actuated vibrato of true frequency modulation (that varies the actual pitch of the note), a treble booster.

17" long by 10" deep by 8" high, 15 lbs.

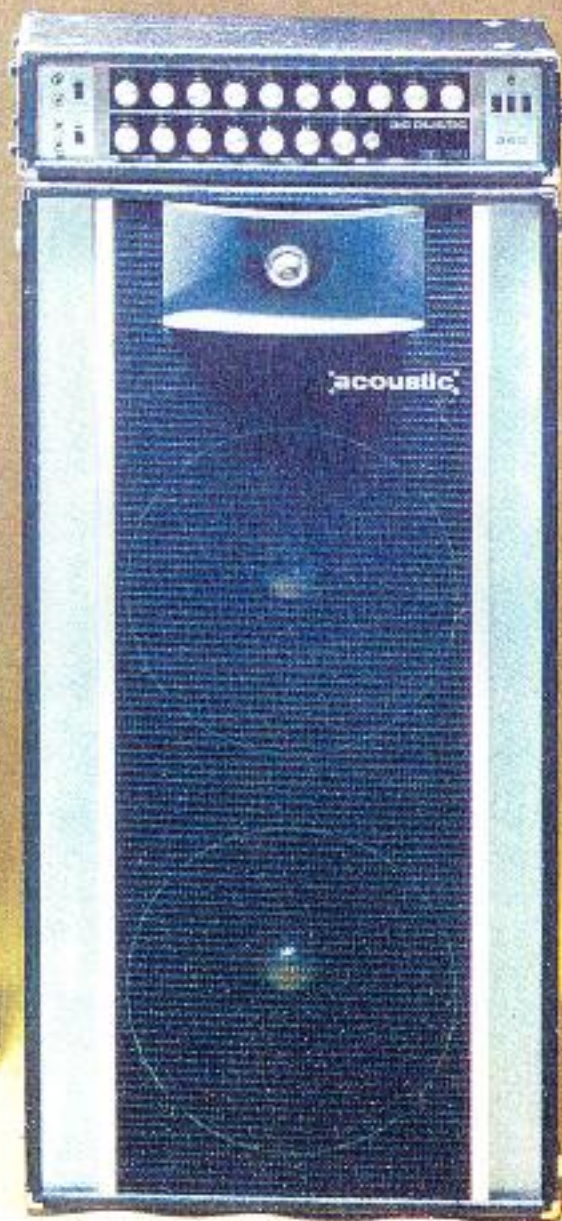


260 SERIES AMPLIFIERS—FOR THE MUSICIAN WHO NEEDS MAXIMUM  
VERSATILITY

model 262



model 261





## 260 SERIES AMPLIFIERS—275 WATTS OF PORTABLE POWER WITH THE SOUND FACILITIES OF A RECORDING STUDIO.

Our 260 series amplifiers provide the special effects and sounds previously available only in a recording studio.

Variamp controls provide full spectrum tone control (range and amount).

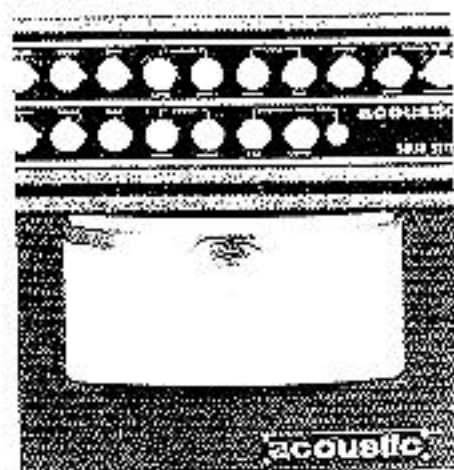
Fuzz controls select both attack (type) and gain (amount).

Special effects channel also includes reverb and tremolo controls.

Two channels may be combined or separated with stereo/mono switch. Each channel output available for monitor or additional amplifiers.

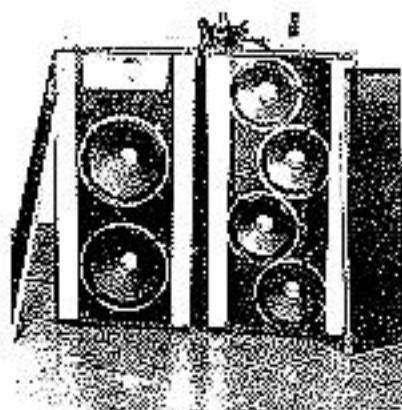
Five octave built-in oscillator.

AGC control may be switched in to prevent bass distortion and overload.



Model 261 includes a high-compression, fiberglass horn and two 15" Altec Lansing speakers. This combination provides full rich tones plus unequalled clarity.

Model 262 includes four 12" Altec Lansing speakers and is particularly suited for blues players.



Our rugged speaker cabinets deliver the full power from the amplifier

- We use 3/4 inch plywood throughout with tongue and groove construction to eliminate rattles.
- Speakers are front mounted, allowing permanent, rigid back construction.
- The front cover is a snap-off grill cloth.

### SPECIFICATIONS

#### Power Output

RMS Continuous	125 Watts
Peak Music Power	275 Watts

Preamplifier Gain ..... x40 (high gain input)

Signal-to-noise ratio ..... 80 db

Inputs ..... 4 (high gain and low gain for each channel)

#### Output Jacks

Auxiliary Power	1—110 VAC outlets
Speakers	1 (4 ohm output)
Booster Output	2 (one per channel, for use with Model 200 power amplifier and extra speaker system.)
Footswitch	Electronic tuning fork, Tremolo, Reverb, Fuzz

#### Controls

Channel 1	Volume, Treble, Bass, Bright Switch, Variamp Range and Effect, Fuzz Attack and Gain, Reverb, Tremolo Speed and Intensity
Channel 2	Volume, Treble, Bass, Bright Switch, Variamp Range and Effect
Electronic Tuning Fork	Fine, coarse, on/off switch
Power	On/off and ground reverse switch
Special Controls	AGC on/off switch, speaker on/off switch, stereo/mono switch

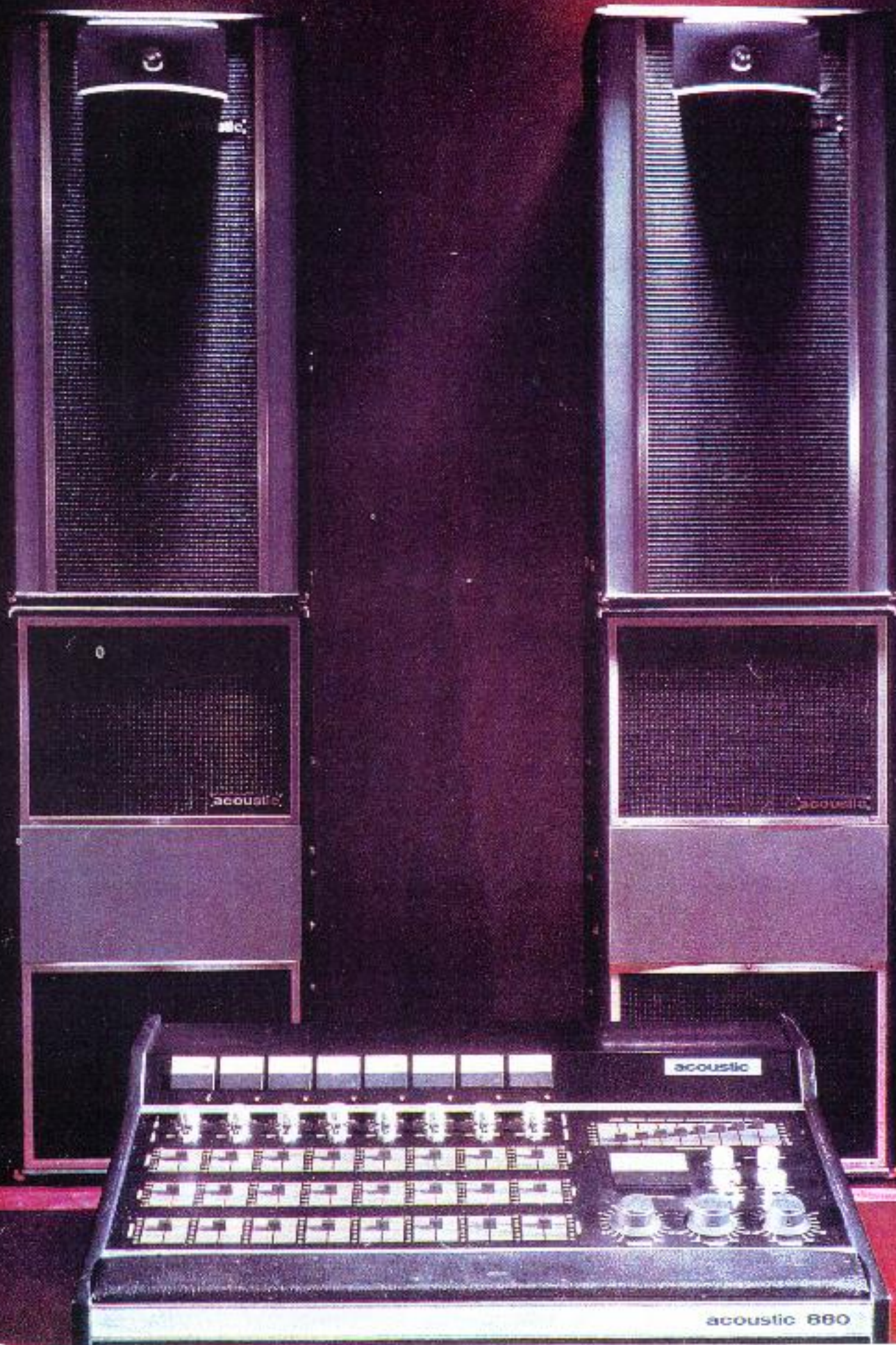
Overall size (including top) ..... 34" high by 24" wide by 12" deep

#### Weight (including top)

261	145 lbs
262	175 lbs



P.A. SYSTEM—MAXIMUM SOUND CONTROL FOR THE WHOLE GROUP





## HERE IS THE ACOUSTIC SYSTEM THAT MOVES THE FACILITIES OF A RECORDING STUDIO RIGHT OUT ONTO A STAGE

Eight independent channels blend the group for any effect--this allows a separate input for each voice plus bongos, plus drums, plus... And each input can be used with any mike, phone jack, or cannon plug--high or low level output. Each channel is equipped with a complete set of slide pot controls and monitor outputs. The volume, bass, and treble controls are laid out to provide a quick visual display of the channel settings. Monitor outputs include a cup-indicating VU meter plus a phone jack. Use the phone jack with headphones or with a monitor speaker system that will provide a continuous on-stage monitor of any channel or group of channels.

A complete monitor system provides outputs for any needs--

- Separate outputs for the auditorium and for recording
- Point-by-point monitor outputs provide quick isolation of troubles to a mike--a channel--the master system--or to any of the plug-in boards

### COMPLETE OUTPUT CONTROL SYSTEM

Our GRAPHIC EQUALIZER quickly tunes the system to the peculiarities of any hall or auditorium.

- Eight slide controls cover the entire audio spectrum--pin-point control of feedback.
- The center frequency for each control is clearly identified: enhance or subdue any portion of the frequency range.



### WORKS WITH ANY SOUND OUTPUT SYSTEM

Our Model 880 Audio Mixer is the heart of the P.A. system and this Mixer will work with any output system or group of systems. The Mixer provides up to one Volt RMS output.

On Page Six we've shown our most powerful system--PHASE II--PHASE II consists of:

- 2 Model 361P+ --880 Watts of power and 2 18" Woofers.
- 2 Model 261 speaker bottoms with 4-15" Aited Lansing speakers and 2-7" x 14" high frequency horns.
- 1 Model 880 Audio Mixer.

An optional ACOUSTIC system includes:

- 2 Model 200 (240 Watt peak power amplifiers) and 2 Model 261 speaker bottoms plus the Model 880 Audio Mixer.

### MODEL 880 AUDIO MIXER

- |          |  |
|----------|--|
| CHANNELS | 8 independent channels.  |
| Inputs   | Phone jack and cannon connector inputs, high or low gain switch (designed for 1 millivolt or more input) |
| Controls | Volume, Bass, Treble, Reverb, On/Off Switch, Monitor Level Control.                                      |
| VU Meter | Equipped with Push-to-Test Button and Redline Clip indicator.  |
| Outputs  | Phone jack monitor output for each channel.  |

### MASTER

- |                |  |
|----------------|--|
| Audio Outputs  | Four phone jacks (1 Volt RMS nominal output level)   |
| Power Controls | AC power cable, one amp fuse, on/off and reverse polarity switch   |
| Audio Controls | Volume, Bass, Treble, Reverb Level.  |
| Monitors       | Monitor Level controls, overall channel monitor jack, summed channel monitor jack, headphone output jack and level control, and monitor level. |
- Plus the GRAPHIC EQUALIZER
- |                            |  |
|----------------------------|--|
| Plus the GRAPHIC EQUALIZER | Up to 10 db of cut available at 45 Hz, 130 Hz, 220 Hz, 320 Hz, 640 Hz, 1250 Hz, 3000 Hz, and 7500 Hz |
|----------------------------|--|



150 AMPLIFIERS—FOR THE MUSICIAN ON TOUR



model 154

model 155

model 153

model 152



## 150 SERIES—LIGHT-WEIGHT, PORTABLE AMPLIFIERS WITH FULL POWER AND RUGGED CONSTRUCTION

MODEL 151 is a general purpose amplifier. It combines special effects for lead with two 12" speakers. This speaker system provides good bass with quick response.

MODEL 152 combines special effect circuits for the lead guitar with two 15" speakers for a richer bottom end.

MODEL 153 for electric bass. This system includes two 15" speakers and an amplifier specially designed for the bass range.

MODEL 154 for lead guitar with special effect circuits and six 10" speakers. The speaker system combines maximum sustain with instantaneous response.

MODEL 155 provides special effects for lead with four 12" speakers for maximum sound, good bass, and smooth response.

### MODULAR CONSTRUCTION SPEEDS REPAIRS

We've done everything we can to make this the most reliable equipment on the market.

- We use solid state circuitry
- We use computer grade components and wiring techniques
- We provide a lifetime guarantee (page 3)
- We provide service centers in every major city in the country

But this is electronic equipment being used to its full capacity and parts can blow. So we go one step further, we use modular construction for fast, on-the-spot repairs. It's easy to track a trouble to a plug-in board—it's easy to snap in a replacement.

It's easy—even at three o'clock in the morning.

### SPECIFICATIONS

#### Power Output

RMS Continuous ..... 110 Watts

Peak Music Power ..... 240 Watts

Preamplifier Gain ..... x20 (high gain input)

Signal-to-noise Ratio ..... 80 db

Inputs ..... 4 (high and low gain per channel)

#### Output Jacks

Auxiliary Power ..... 1—110 Volts AC outlet

Booster Outputs ..... 1 (for use with Model 200 power amplifier and extra speaker system)

Footswitch ..... Reverb and Tremolo (except 153)

Speaker ..... 2 speaker output jacks

#### Controls

Channel 1 ..... Volume, Treble, Bass, Bright Switch

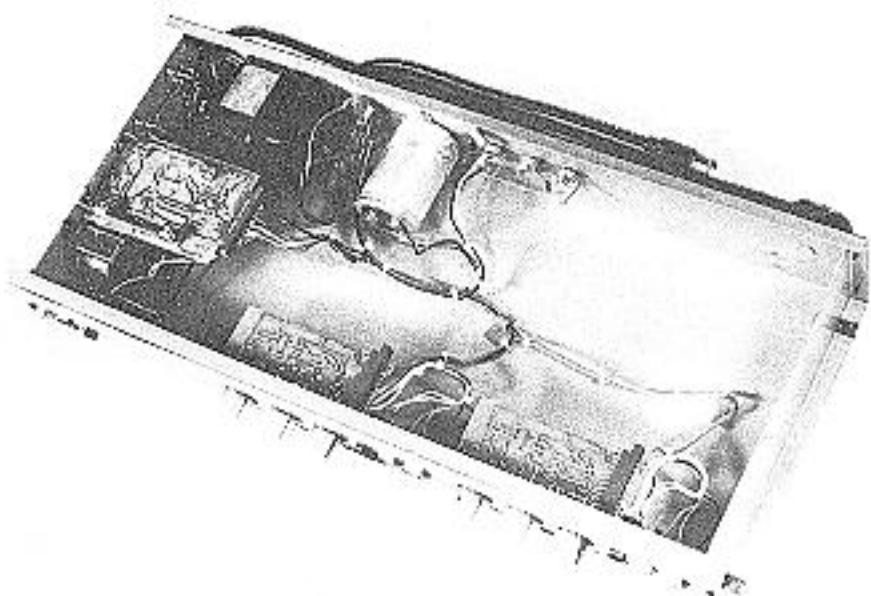
Channel 2 ..... Volume, Treble, Bass, Bright Switch, Reverb, Tremolo Speed and Intensity (No Reverb and Tremolo on 153), Power On-Off, Light, and Ground Reverse Switch.

#### Speaker Cabinets

151, 152, 153, 154 ..... 36" H by 24" W by 12" D

155 ..... To be Announced

Amplifier Cabinet ..... 5 1/2" H by 24" W by 12" D





## TODAY'S MUSICIAN NEEDS FLEXIBLE EQUIPMENT

On tour, it's a different hall every night, a new place to rehearse every day, and maybe a couple of recording studios besides. Add the fact that sounds change—acid-rock to blues, for example. Our amplifiers must produce many different sounds under many different conditions.

More volume, more reverb, more tremolo than we think you will ever need guarantees full sound control. Variamp controls provide complete tone control.

High gain guarantees that our amplifiers can produce the square waves that give that funky sound. Fuzz controls provide both attack and gain.

## TODAY'S MUSICIAN NEEDS RELIABILITY

We make sure that every amplifier that leaves our plant is what a musician needs. Sure—we test it with dials and meters and knobs—that's easy. It's also easy to build equipment to pass those tests.

But after that, we play every piece of equipment, and that's the tough test.

We grind it up to full power

We turn it all the way down

We try every sound and every combination of sound possible.

The way we work it, the whole factory hears that final test, and many of our employees are in rock groups.

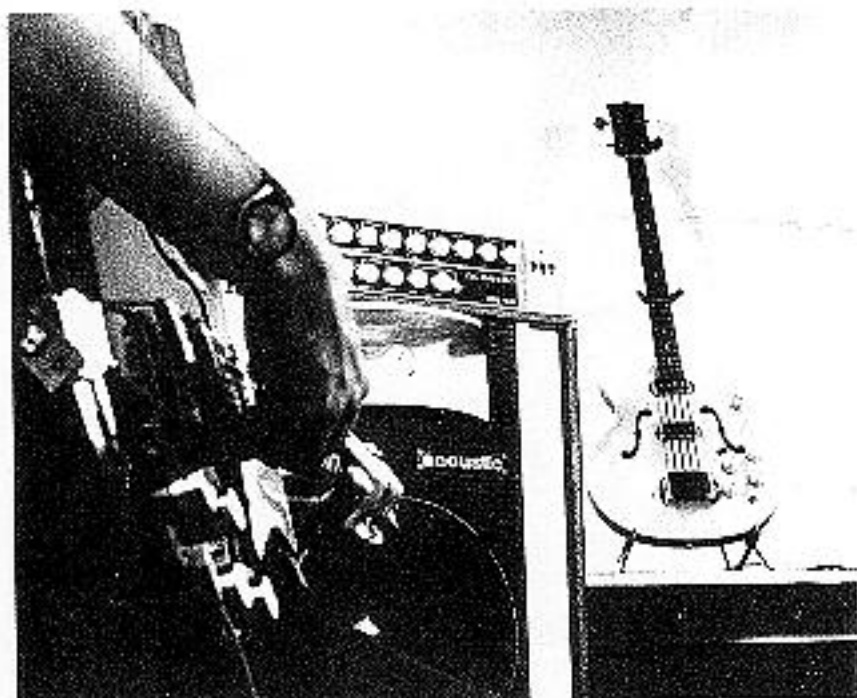
## TODAY'S MUSICIAN NEEDS A LOT OF SOUND

It takes a lot of sound to reach every listener in a big hall jammed with people. It must be the sound of music and not a lot of noise or hum. A lot of sound is much more than a power output figure—it's gain plus signal-to-noise ratio plus speaker plus enclosure.

High-gain preamplifiers guarantee that the speakers will be driven to their limit with the smallest guitar or voice input.

High signal-to-noise ratios guarantee that the output is all guitar or voice signal, not a lot of noise-hum, hissing, crackling, or popping.

Quality loudspeakers and rugged enclosures guarantee that the full power can be delivered.



## TODAY'S MUSICIAN NEEDS RUGGED EQUIPMENT

Amplifiers take a beating—they are electronic equipment being used to full capacity and they are handled under tough conditions. We use solid state circuitry because that's what gets it all together—power and control plus ruggedness. The latest silicon transistors and tantalum capacitors produce the full tonal quality of the music.

## LIFETIME GUARANTEE

Acoustic Control Corporation guarantees its products to the original purchaser to be free from defects in materials and workmanship:

1. Provided the Warrantee Registration Card is completed and mailed to Acoustic within ten days (10) from the date of purchase.
2. Provided the purchaser delivers the product to an authorized Acoustic Service Center for repair.
3. Provided the product has not been misused or mishandled.

Once the product has been delivered to the Service Center, all repairs of any defects will be made free of any charge to the original purchaser.



ACOUSTIC AMPLIFIERS  
FOR TODAY'S MUSICIAN

360 series  
pages 10 & 11

260 series  
pages 8 & 9

150 series  
pages 4 & 5

reverbrato  
page 10

model 200  
page 6

p.a. system  
pages 6 & 7