

**acoustic**  
professional sound equipment



## ABOUT ACOUSTIC

The amplification of music has changed dramatically through the years. Of course, a few "classics" remain, but the great majority of engineering and technology has improved. We, at Acoustic, are proud of our contribution to that improvement.

It all started for us in 1967 at the Monterey Pop Festival. In 1969, we were on stage when 400,000 music lovers jammed together on a farm outside Woodstock, New York. We were there when groups like The Grateful Dead, Crosby, Stills & Nash, The Doors, Fleetwood Mac, ELO and many more shook the rafters of the Fillmore East and West with Acoustic amps and cabinets. We are still doing the same today in the largest music halls the world over.

Life on the road with a rock and roll band is tough . . . always has been. The work involved in set-up and tear-down is difficult enough without the added problems of equipment failure. We have received countless testimonials from road crews that travel with the world's biggest and best bands about the dependable

performance of our amps. From our modest beginnings almost 14 years ago in a garage in West Los Angeles, to our present spacious surroundings, reliability, quality and service have been the cornerstones of Acoustic and they will continue to be so.

We realize that the amplification of sound is a very special business. We also understand and are sensitive to the artistic needs of the people in our industry. We stay in touch with what's happening with today's musician. Our newest products, featured in this catalog, reflect our attentiveness and our ability to adapt to music's everchanging face.

Ours is a proud past with an even brighter future. Acoustic has played an integral part in the musical revolution that spawned The Dead, The Airplane and The Doors as well as today's top professionals like Jaco Pastorius and Pat Metheny. Why not become part of this rich heritage by taking Acoustic to your next performance? Remember, "Nobody was ever sorry they bought the best."

Steve Marks  
Chairman of the Board

# BASS



126

220



404



118

## Model 126 Bass Amplifier

100 Watts RMS @ 5% THD

1-15" speaker in a vented baffle cabinet

3/4" plywood with interlocked dado construction

Features: High and low gain input jacks, bright switch, treble, midrange and bass controls, power boost switch and footswitchable 5 band graphic equalizer. Preamp in/out bypass jacks for internal patching of accessories. LED indicators note power and EQ. Will accept 120 and 240 Volt supply.

Dimensions: 33 1/4"H x 26 1/4"W x 12 1/4"D

Shipping Weight: 105 lbs.

## Model 220 Bass Amplifier

160 Watts RMS @ 5% THD into 2 Ohms

125 Watts RMS @ 5% THD into 4 Ohms

3/4" plywood with interlocked dado construction

Features: High and low gain input jacks, bright switch, treble, midrange and bass controls, power boost switch and footswitchable 5 band graphic equalizer. Preamp in/out bypass jacks for internal patching of accessories. LED indicators note power, EQ and channel selection. Will accept 120 and 240 Volt supply.

Dimensions: 6 1/2"H x 26 1/2"W x 11 1/2"D

Shipping Weight: 35 lbs.

## Model 118 Bass Amplifier

50 Watts RMS @ 5% THD

1-15" speaker in a tuned-reflex cabinet

3/4" interlocked dado construction

Features: High and low gain input jacks, bright switch, treble, midrange and bass controls, and power boost switch. Will accept 120 and 240 Volt supply.

Dimensions: 27"H x 22"W x 11"D

Shipping Weight: 66 lbs.



### Model 320 Bass Amplifier

300 Watts RMS @ 5% THD into 2 Ohms

160 Watts RMS @ 5% THD into 4 Ohms

3/4" plywood with interlocked dado construction

**Features:** Two switchable channels with flexibility to operate separately, combined or be switched between the two. Footswitchable 5 band graphic equalizer. Six in/out preamp jacks allow patching of effects between preamp and power amp for optimum performance and give access to Channel A, Channel B or both combined. Treble, midrange, and bass controls. Input pad and bright switch on each channel. LED indicators note power, EQ and channel selection. Two

section foot switch. "Power Boost" switch provides punch for low gain instruments.

Dimensions: 6 1/2"H x 26 1/2"W x 11 1/4"D

Shipping Weight: 42 lbs.

BASS ENCLOSURES	Model 402	Model 404	Model 406	Model 408
Power Handling Capacity/Watts (Maximum Amplifier Output)	160	125	200	300
Nominal Impedance/Ohms	4	4	4	2
Enclosure Type	Front Loaded Vented Baffle Tuned Reflex	Ported	Front Loaded Vented Baffle Tuned Reflex	Tuned Combination Reflex
Speaker Complement	2-15" Spkrs	1-15" Spkr	2-15" Spkrs	4-15" Spkrs
Overall Size/Inches (HxWxD)	16 1/2x26 1/2x11 1/4	23x26 1/2x11 1/4	43x26 1/2x18	50x26 1/2x20
Shipping Weight/Pounds	95	57	130	142

# SOUND



Professional, Innovative, Totally Reliable — words that have described Acoustic Sound Reinforcement for over a decade. Now an exciting new product line from Acoustic is being introduced. As usual Acoustic has brought the latest technical advances together with years of experience to create a multitude of compatible systems, tailored for the working professional. Speaker systems that can move mountains yet fit in your back-seat. Reliable power amps that expand the basic system to grow with your needs. Rugged compact sound systems available with Acoustic's famous Lifetime Protection Plan. But Acoustic's best feature can't be described, it must be heard.

## Model 833 Power Amplifier

200 Watts RMS into 2 Ohms

Features: Input level control, rack mountable, 1/4" standard phone jacks on front and rear for input connection, two 1/4" standard phone jacks on rear panel for speaker connections. Short circuit protection without program interruption.

Dimensions: 5 1/2"H x 19"W x 15 1/2"D

Shipping Weight: 35 lbs.

## Model 727 Stereo Power Amplifier

200 Watts RMS, both channels driven into 4 Ohms

Features: Front panel bridge switch, 19" rack mount, 2-12 segment LED light bars with front panel scale switch, 5-way protection circuit: 1) main supply fuse; 2) peak current limit; 3) short circuit protection; 4) low load; 5) fan/thermal breaker.

Dimensions: 6"H x 19"W x 19"D

Shipping Weight: 52 lbs.

## Model 747 Stereo Power Amplifier

400 Watts RMS, both channels driven into 4 Ohms

Features: Front panel bridge switch, 19" rack mount, 2-12 segment LED light bars with front panel scale switch, 5-way protection circuit: 1) main supply fuse; 2) peak current limit; 3) short circuit protection; 4) low load; 5) fan/thermal breaker.

Dimensions: 6"H x 19"W x 19"D

Shipping Weight: 72 lbs.

# REINFORCEMENT



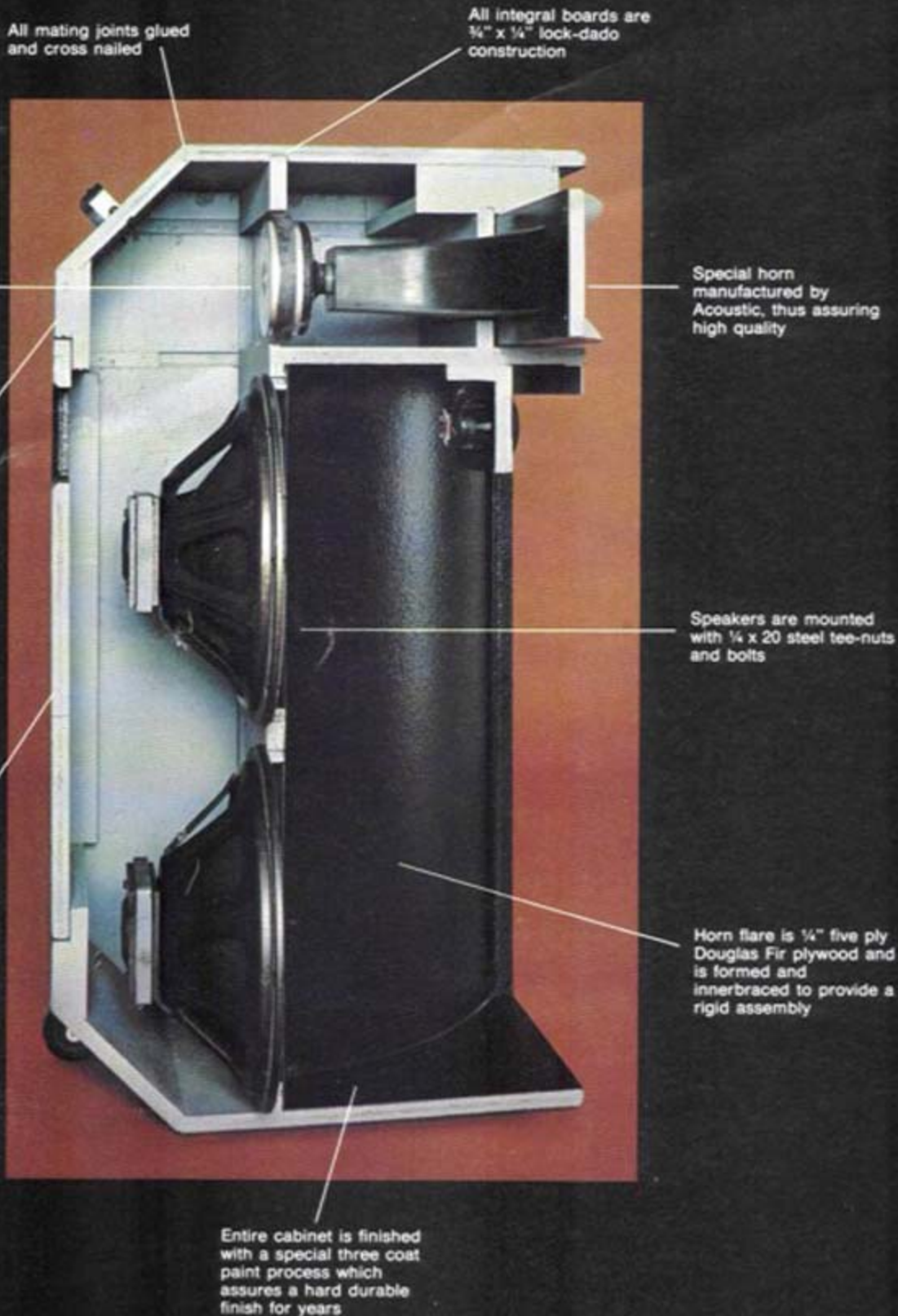
REINFORCEMENT ENCLOSURES	Model 801	Model 802	Model 803	Model 805	Model 806	Model 812
Power Handling Capacity/Watts	50 Watts RMS	125 Watts RMS	125 Watts RMS	125 Watts RMS	125 Watts RMS	175 Watts RMS
Nominal Impedance/Ohms	16 Ohms	8 Ohms	8 Ohms	8 Ohms	8 Ohms	4 Ohms
Enclosure Type	Multi-Angle Monitor	Front Loaded Tuned Reflex	Ported Column	Tuned Reflex	Vented Baffle Horn	Front Loaded Horn with Tuned Reflex
Speaker Complement	1—12" Spkr/Lows 1—Horn/Mids & Highs	1—12" Spkr/Lows 1—Horn/Mids 2—Piezos/Highs	2—12" Spkr 2—Piezos	1—15" Spkr/Lows 1—Horn/Mids & Highs	1—15" Spkr 1—Horn/Mids 1—Piezo/Highs	2—15" Spkr/Lows 1—Horn & Driver/Mids 2—Piezos/Highs
Range	Full Range	Full Range	Full Range	Full Range	Full Range	Full Range
Overall Size/Inches (HxWxD)	15x21 1/2x14 1/2	20x24 1/2x15 1/2	36x16x11	30x24 1/2x16	30x24x16	40x25 1/2x16
Shipping Weight/Pounds	38 lbs.	65 lbs.	61 lbs.	85 lbs.	90 lbs.	115 lbs.

All models 3/4" plywood with interlocked dado construction and hard coat finish.

REINFORCEMENT ENCLOSURES	Model 816	Model 818	Model 820	Model 824	Model 825
Power Handling Capacity/Watts	125 Watts RMS	250 Watts	200 Watts RMS	200 Watts RMS	200 Watts RMS
Nominal Impedance/Ohms	8 Ohms	4 Ohms	8 Ohms	8 Ohms	8 Ohms
Enclosure Type	Front Loaded Tuned Reflex	Front Loaded Horn Tuned Reflex	Front Loaded Horn	Horn System	Piezo Array
Speaker Complement	1—15" Spkr/Lows 1—Horn & Driver/Mids 2—Piezos/High	2—15" Spkr/Lows 1—Horn & Driver/Mids 2 Piezos/Highs	1—15" Spkr	Exponential Horn and Driver	6—Piezos
Range	Full Range	Bi-Amp or Full Range	Switchable Full Range 500 Hz	Above 500 Hz	Above 8K
Overall Size/Inches (HxWxD)	30 1/2x24 1/2x16	42 1/2x28x23 1/2	36x30x23 1/2	13x28x13 1/2	12 1/2x12 1/2x5 1/2
Shipping Weight/Pounds	85 lbs.	150 lbs.	135 lbs.	41 lbs.	17 lbs.

All models 3/4" plywood with interlocked dado construction and hard coat finish.

# CONSTRUCTION



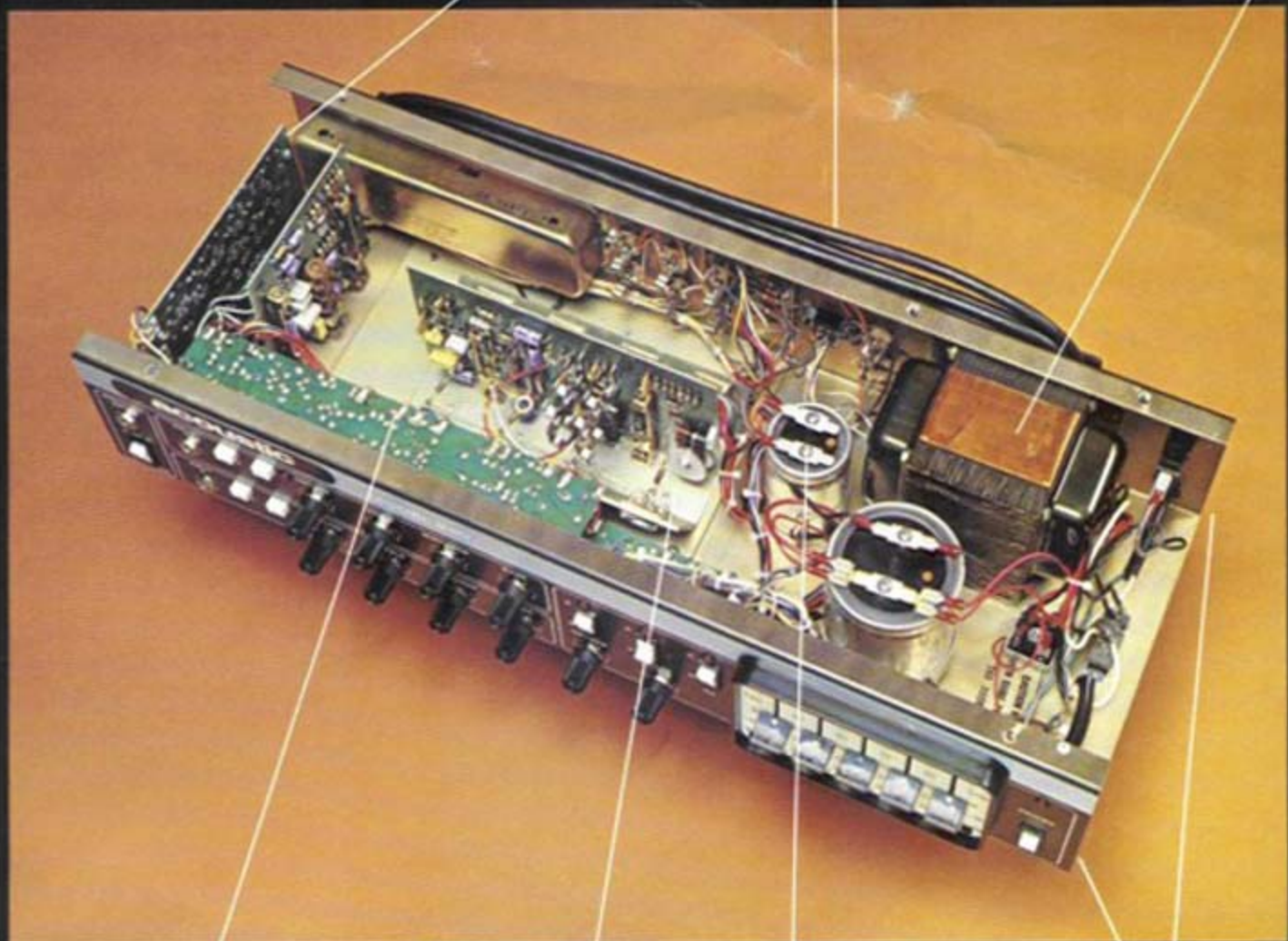
# & ENGINEERING

Acoustic has always been a leader in the design and construction of products for the MI industry. We were the first to frontload speakers in cabinets. This greatly simplified speaker changes. Channel switching, the ability to use two channels individually or simultaneously, was an Acoustic development. In addition, Acoustic was the first manufacturer to include built-in graphic equalization in their products. Innovative engineering, design and quality construction techniques are what we are all about. Ask anyone in the music business.

All circuit boards mounted for easy accessibility

Full fifteen foot power cord

Massive, shielded power transformer



Glass epoxy circuit boards for strength and reliability

Large heat sink allows cool operation for power transistors

Capacitive coupled output insures speaker protection

"U" channel chassis insures strength and rigidity



# GUITAR



## Model 124 Guitar Amplifier

100 Watts RMS @ 5% THD

4-10" speakers in an open back cabinet

3/4" plywood with interlocked dado construction

Features: High and low gain input jacks, bright switch, treble, midrange and bass controls, a footswitchable gain compensated master volume control, a footswitchable reverb control, and footswitchable 5 band graphic equalizer. Preamp in/out bypass jacks for internal patching of accessories. LED indicators note power, reverb, EQ, and master volume status. Will accept 120 and 240 Volt supply.

Dimensions: 27 1/4" H x 26 1/2" W x 11 1/2" D

Shipping Weight: 80 lbs.

## Model 125 Guitar Amplifier

100 Watts RMS @ 5% THD

2-12" speakers in an open back cabinet

3/4" plywood with interlocked dado construction

Features: High and low gain input jacks, bright switch, treble, midrange and bass controls, a footswitchable gain compensated master volume control, a footswitchable reverb control, and footswitchable 5 band graphic equalizer. Preamp in/out bypass jacks for internal patching of accessories. LED indicators note power, reverb, EQ, and master volume status. Will accept 120 and 240 Volt supply.

Dimensions: 23 1/4" H x 26 1/2" W x 11 1/2" D

Shipping Weight: 80 lbs.

## Model 117 Guitar Amplifier

50 Watts RMS @ 5% THD

1-12" speaker in an open back cabinet

3/4" interlocked dado construction

Features: High and low gain input jacks, bright switch, treble, midrange and bass controls, master volume control, and a footswitchable reverb control. Will accept 120 and 240 Volt supply.

Dimensions: 20" H x 22" W x 10" D

Shipping Weight: 50 lbs.



### Model 230 Guitar Amplifier

160 Watts RMS @ 5% THD into 2 Ohms  
 125 Watts RMS @ 5% THD into 4 Ohms  
 3/4" plywood with interlocked dado construction

Features: High and low gain input jacks, bright switch, treble, midrange and bass controls, a footswitchable gain compensated master volume control, a footswitchable reverb control, and footswitchable 5 band graphic equalizer. Preamp in/out bypass jacks for internal patching of accessories. LED indicators note power, reverb, EQ and master volume status. Will accept 120 and 240 Volt supply.

Dimensions: 6 1/2"H x 26 1/4"W x 11 1/4"D  
 Shipping Weight: 35 lbs.

### Model 330 Guitar Amplifier

300 Watts RMS @ 5% THD into 2 Ohms  
 160 Watts RMS @ 5% THD into 4 Ohms  
 3/4" plywood with interlocked dado construction

Features: Two switchable channels with flexibility to operate separately, combined or be switched between the two. Footswitchable 5 band graphic equalizer. Six in/out preamp jacks allow patching of effects between preamp and power amplifier for optimum performance and give access to Channel A, Channel B or both combined. Treble, midrange, and bass controls. Input pad and bright switch on each channel. LED indicators note power, reverb, EQ, channel selection and master volume status. Four section foot switch. A deep reverb and exclusive "Gain

Compensated" master volume may be assigned to either channel and is footswitchable.

Dimensions: 6 1/2"H x 26 1/4"W x 11 1/4"D  
 Shipping Weight: 42 lbs.

GUITAR ENCLOSURES	Model 403	Model 407
Power Handling Capacity/Watts (Maximum Amplifier Output)	200	175
Nominal Impedance/Ohms	4	4
Enclosure Type	Sealed System	Front Loaded Sealed Horn
Speaker Complement	4 - 12" Spkrs	2 - 15" Spkrs 1 - Mid Horn
Overall Size/Inches (HxWxD)	26 1/4x26 1/4x15	40 1/2x14 1/2
Shipping Weight/Pounds	100	105

# 165 TUBE AMPLIFIER

"State of the art" is the only apt description for the Acoustic Model 165 all tube guitar amplifier. Innovative engineering provides features such as a switchable FET or tube front end, sixty or one-hundred watt RMS power output, dual master volume controls, five band graphic EQ, and a built-in reverb. There's more. . . . The Model 165 Guitar Amp also features a premium 12" Electrovoice EVM 12L speaker. In addition, Acoustic's impedance switch allows you to match compatible extension cabinets ohm for ohm at full power without distortion. All of this is encased in a beautifully handrubbed solid oak and walnut cabinet.

CABINET DESIGN	Open Back
SPEAKER COMPLEMENT	One 12" Electrovoice EVM 12L speaker
SPEAKER ACCESS	Rear Mount
POWER OUTPUT	60/100 Watts RMS (switchable)
NOMINAL IMPEDANCE	4/8 ohms
CABINET FINISH	Handrubbed solid oak and walnut
CONSTRUCTION	3/4" Lock-mitre
CABINET SIZE	20"H X 22"W X 10"D
SHIPPING WEIGHT	65 lbs.



Also available in heavy duty vinyl as the Model 164.

# NEW FROM ACOUSTIC



## Model 164 and Model 165 Tube Amplifiers

"State of the art" is the only apt description for the Acoustic Models 164 & 165 all tube guitar amplifiers. Innovative engineering provides features such as a switchable FET or tube front end, sixty or one-hundred watt RMS power output, dual master volume controls, five band graphic EQ, and a built-in reverb. There's more. . . . The Models 164 & 165 Guitar Amps also feature a premium 12" Electrovoice EVM 12L speaker. In addition, Acoustic's impedance switch allows you to match compatible extension cabinets ohm for ohm at full power without distortion. All of this is encased in a beautifully handrubbed solid oak and walnut cabinet as the Model 165, and covered in heavy duty vinyl as the Model 164.

### CABINET DESIGN SPEAKER COMPLEMENT

Open Back  
One 12"  
Electrovoice EVM  
12L speaker  
Rear Mount  
60/100 Watts RMS  
(switchable)  
4/8 ohms  
Handrubbed solid  
oak and walnut (165),  
Heavy Duty Vinyl (164)

### SPEAKER ACCESS POWER OUTPUT

### NOMINAL IMPEDANCE CABINET FINISH

### CONSTRUCTION CABINET SIZE SHIPPING WEIGHT

3/4" Lock-mitre  
20"H X 22"W X 10 1/2"D  
65 lbs.

GUITAR ENCLOSURES	Model 164	Model 165
Power Handling Capacity/Watts (Maximum Amplifier Output)	125	125
Nominal Impedance/Ohms	8	8
Enclosure Type	Open Back	Open Back
Speaker Complement	1--12" Electrovoice EVM 12L Spkr	1--12" Electrovoice EVM 12L Spkr
Overall Size/Inches (HxWxD)	18x22x10 1/2	18x22x10 1/2
Shipping Weight/Pounds	45	45

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# NEW FROM ACOUSTIC



## Model 160 Tube Amplifier

60/100 Watts RMS @ 5% THD into 4 or 8 Ohms

3/4" plywood with interlocked dado construction

Features: Switchable FET or tube front end, sixty or one hundred watt RMS power output, dual master volume controls, five band graphic EQ, built-in reverb. In addition, an impedance switch allows you to match compatible extension cabinets ohm for ohm at full power without distortion.

Dimensions: 9 1/2" H X 22" W X 10" D

Shipping Weight: 45 lbs.

GUITAR ENCLOSURES	Model 464	Model 466	Model 468
Power Handling Capacity/Watts (Maximum Amplifier Output)	125	125	200
Nominal Impedance/Ohms	8	8	8
Enclosure Type	Open Back	Sealed System	Sealed System
Speaker Complement	1-12" Electrovoice EVM 12L Spkr	2-12" Spkrs	4-12" Spkrs
Overall Size/Inches (HxWxD)	16x22x10 1/2	16x26 1/2x13 1/2	26 1/2x26 1/2x13 1/2
Shipping Weight/Pounds	45	65	90

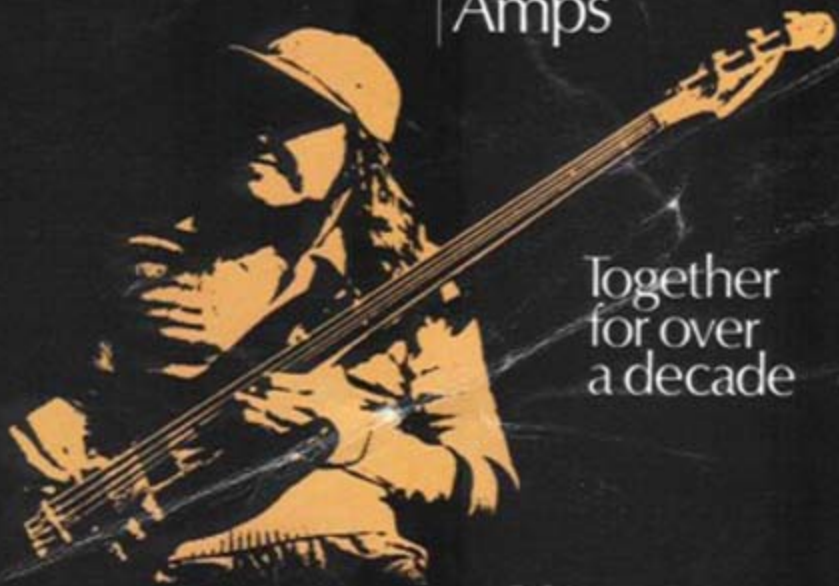
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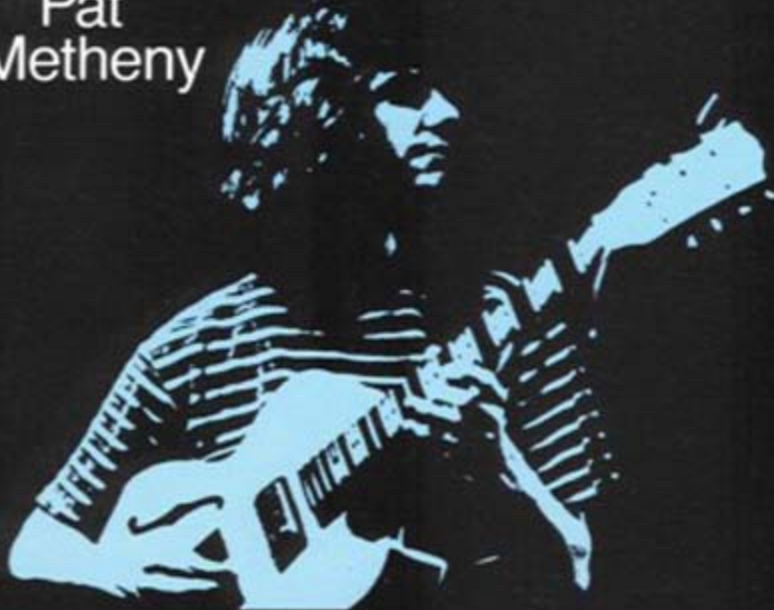
## ACOUSTIC ENDORSEES

### Jaco Pastorius | Acoustic Amps



Together  
for over  
a decade

### Pat Metheny



"... Metheny is headed for a secure place as the most powerful new influence in contemporary guitar."

— Leonard Feather

## LIFETIME PROTECTION

We are proud to present the new line of Acoustic Products. More than ever before, we believe there is an Acoustic amplifier that is right for you. Once you hear them, we're sure you'll agree.

Acoustic has always maintained a reputation for reliability and dependable performance. The final success of any product is how well it stands up in use and the integrity of the company behind it. In these areas, Acoustic is second to none.

To insure your complete satisfaction with any Acoustic product, we offer a LIFETIME PROTECTION PLAN which is unique in the music industry. For a nominal fee, any new Acoustic product is SERVICED FREE FOR AS LONG AS YOU OWN THE PRODUCT. As long as you get it to an Acoustic Service Center, and you haven't abused the unit, we'll keep it in perfect operating condition for as long as you own it. See your Acoustic Dealer for complete details.

Please visit your Acoustic Dealer soon. We think you'll like what you hear.

Acoustic . . . the standard by which all others are judged.

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TELEX 651495 ACOUSTIC VAN

Dealer

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