



Miller  
del Otto

# AMPEX

 the finest stereo tape recorders

**PRODUCTS OF A TWO-DECADE QUEST  
FOR EXCELLENCE**

# AMPEX STEREO TAPE RECORDERS

It's been over two decades since Ampex first revolutionized the broadcast industry by introducing the first professional quality magnetic tape recorder. During the intervening years, Ampex has constantly sought to improve the art of tape recording and the enjoyment of stereo. From this broad and unequalled background of experience in tape technology comes the complete line of Ampex stereo tape recorders.

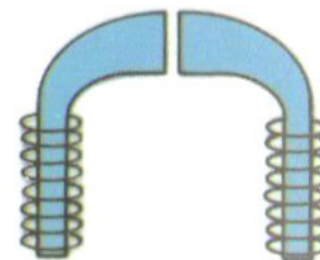
## AMPEX SOUND IDEA FEATURES

Ampex tape recorders have established new standards of excellence in design and performance. Every feature, every function, every detail is the direct result of careful thought, creative planning and bold action. The following Ampex features are designed to make your Ampex tape recorder the finest you can buy.

**1**

### **VERSATILE 3-SPEED OPERATION USING 4-TRACK STEREO RECORD & PLAYBACK**

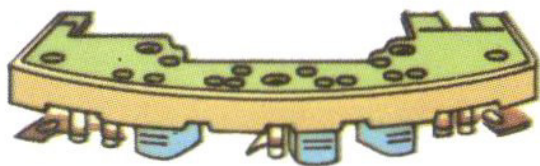
A tape speed just right for every use:  $7\frac{1}{2}$  i.p.s. (inches per second) for truest fidelity;  $3\frac{3}{4}$  i.p.s. for extra long-play mood music;  $1\frac{7}{8}$  i.p.s. for voice recording and background music (at this speed, you can record up to 18 hours of monophonic material on one 7" reel).



**2**

### **EXCLUSIVE DEEP GAP HEADS**

Similar in construction to those used in professional equipment. After years of constant use. Deep gap design insures heads will be capable of reproducing the full range of frequencies.



3

### EXCLUSIVE RIGID-BLOCK HEAD SUSPENSION

Most accurate head and tape guidance system ever devised. Aluminum die-cast head suspension features precision-milled mounting surfaces (not possible with stamped head suspensions) which assure perfect tape guidance control and a lifetime of precise head-to-tape alignment.

4

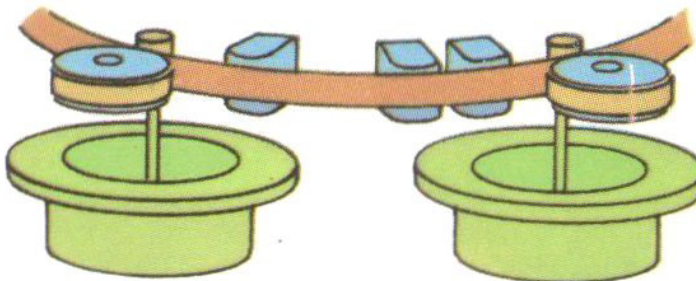
### STURDY DIE-CAST ALUMINUM CONSTRUCTION

For long life and precision alignment of critical parts. Over one-third of the unit weight is rugged die-cast aluminum frames. Ampex builds-in precision so that it can withstand the shocks and abuses of portability without loss of ability to meet original specifications.

5

### AUTOMATIC CUE PROVISION LEVER

Another convenience in locating a specific portion of a taped selection during fast wind operations. Pressure on lever partially disengages tape lifters allowing you to hear the tape at periodic intervals until you find exact point you're looking for.



6

### EXCLUSIVE DUAL CAPSTAN DRIVE

For perfect head-to-tape contact eliminating the need for wear-producing pressure pads. Perfectly controls tape tension affording ideal tape wrap around heads. 3½ pound dynamically balanced flywheels below each capstan greatly reduce wow and flutter, even at 1⅞ i.p.s.

7

### AUTOMATIC TAPE LIFTERS

Eliminate head to tape contact during fast forward or rewind operations. For increased head life, less wear on tape. *Automatic Digital Counter* lets you return to predetermined portion of your tape quickly.

8

### INSTANT-ON ALL SOLID STATE ELECTRONICS

No warm up required. Recorder is instantly ready to play or record. To meet critical pre-amplifier requirements, silicon transistors are used. Anodized aluminum heat sink in power amplifier reduces wear. Tantalum capacitors are used to increase reliability. Printed circuits reduce weight and minimize service problems. Ampex solid state electronics assure years of trouble-free operation.

9

### ACCURATE RECORD LEVEL VU METERS

Constantly monitor record level input. Each channel has its own separate volume control to adjust level individually or simultaneously. You're always assured perfect recordings.

10

### EASY-TO-USE INTERLOCKED CONTROLS

All controls are clearly labeled, conveniently grouped and easily accessible. Interlocking prevents stress and strain on tape when changing from fast wind to play operation. Tape stretching and breakage are virtually eliminated.

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**Warranty**—Ampex Corporation warrants to the purchaser of each new recorder that it is free from defects in material and workmanship. Ampex Corporation, will repair or replace any part of the recorder which proves to be defective within a period of one year from the date of purchase, provided that the recorder is delivered intact and prepaid to an Ampex Service Company Center or an authorized Ampex Service Agency. The recorder magnetic heads are warranted for three years from the date of purchase.

This warranty does not extend to any parts of the recorder which have been subjected to misuse, neglect, accident, or improper installation. Further, this warranty does not extend to any recorder which may have been tampered with, altered, or serviced by an agency not authorized by Ampex Corporation.

The foregoing is in lieu of all other warranties expressed, implied, or statutory. Ampex Corporation's sole liability shall be to repair or replace defective parts or components as specified above.

# AMPEX MODEL 861

## PORTABLE SOLID STATE STEREO TAPE SYSTEM

Only Ampex could give you a tape recorder system with so many quality features . . . at such an attractive price. This portable system features exclusive Ampex Deep Gap Heads, Dual Capstan Drive, and Rigid-Block Head Suspension. Complete system includes two dynamic microphones, and slide-on speaker enclosures which can be separated up to 20 feet. Another of the Ampex Incomparables . . . the finest in reel-to-reel tape recorder/players!

# AMPEX 861 QUALITY FEATURES

- Exclusive Ampex Deep Gap Heads
- Patented Dual Capstan Drive
- Exclusive rigid block head suspension
- Versatile 3-speed operation
- Easy-to-use interlocked controls
- Sturdy die-cast aluminum construction
- Accurate record level VU meters
- Automatic tape lifters
- Automatic cue provision
- Instant-on solid state electronics
- Built-in solid state power amplifier
- Two dynamic microphones
- Automatic shut-off
- Digital counter
- Bass/treble control
- Individual channel loudness controls
- Slide-on speaker systems with 6" x 9" dual cone speakers

## PERFORMANCE SPECIFICATIONS

Overall Record/Reproduce  
Frequency Response  
20-18,000 Hz @ 7½ ips  
(50-15,000 Hz ± 4 db)  
20-12,500 Hz @ 3¾ ips  
(50-7,500 Hz ±4 db)

Signal to Noise  
(from peak record level)  
7½ ips 46 db  
3¾ ips 43 db

Flutter and Wow  
7½ ips 0.10%  
3¾ ips 0.15%

Speed Accuracy  
7½ ips ±2%  
3¾ ips ±3%

Line Input Impedance High

Mike Input Impedance High

Line Output Level 1 V

Power Output  
Continuous rms per channel—  
6 watts  
Peak both channels  
combined—30 watts

Speaker Output 8 ohm

Tone Control Range  
Treble +10 db —10 db @ 10K  
Hz  
Bass +6 db —0 db @ 100 Hz

Power Consumption  
1 amp, 117 V, 60 Hz

Overall Size 19" x 13½" x 7½"

Weight. 37 lbs.

Specifications subject to  
change without notice.

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# AMPEX MODEL 985A STEREOPHONIC MUSIC CENTER

For those who enjoy the pleasures of recording and playing tapes . . . and enjoy the programming and sound fidelity of a fine FM stereo, FM/AM Radio Receiver . . . the Music Center is the perfect choice. The Music Center combines an Ampex Automatic Threading/Automatic Reverse Tape Recorder with a fine quality radio receiver in an elegantly styled walnut cabinet with disappearing Tambour doors. Complete with matching walnut Model 830 speaker systems. Another of the Ampex Incomparables . . . the finest in reel-to-reel tape recorder/player systems!

## AMPEX 985A QUALITY FEATURES

- Deluxe walnut cabinet with sliding tambour doors
- Exclusive Ampex Deep Gap Heads
- Two-second automatic threading
- "Silent Signal" automatic reverse
- Automatic repeat
- Patented Dual Capstan Drive
- Electro-stop Pause Control
- Versatile 3-speed operation
- Easy-to-use interlocked controls
- Illuminated record level VU meters
- Automatic tape lifters
- Automatic cue provision
- Hysteresis synchronous motor
- **FM Stereo, FM/AM receiver**
- FM Stereo indicator light
- FM/AM tuning meter
- Automatic Frequency Control (AFC)
- Instant-on solid state electronics
- Built-in power amplifier
- Individual channel loudness controls
- Separate bass and treble controls
- Illuminated dial scales
- Magnetic phono inputs
- Automatic tape shut-off
- Two matching walnut speaker systems, each with 8" acoustically damped woofer and 3½" tweeter
- Two deluxe microphones

## PERFORMANCE SPECIFICATIONS

Overall Record/Reproduce  
Frequency Response  
20-20,000 Hz @ 7½ ips  
(50-15,000 Hz ±3 db)  
20-14,000 Hz @ 3¾ ips  
(50-7,500 Hz ±3 db)

Signal to Noise  
(from peak record level)  
7½ ips 46 db  
3¾ ips 43 db

Tone Control Range  
Treble 15,000 Hz 30 db  
Bass 50 Hz 30 db

Loudness Control  
Automatically maintains proper  
frequency balance thru full  
range.

Flutter and Wow  
7½ ips 0.10%  
3¾ ips 0.15%

Mike Input Impedance  
280K ohm

Phono Input Level 5 mv min.

Auxiliary Input 70 mv min.

Power Output  
Continuous RMS per channel—  
6 watts  
Peak both channels  
combined—30 watts

External Speaker Output  
Impedance 8 ohm optimum

Size Overall 32⅝" x 15⅞" x 9⅜"

Weight. 59 lbs.

Model 830 Speakers (each)  
15¾" x 13½" x 8½"

Specifications subject to  
change without notice.

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# AMPEX MODEL 2161

## ULTRA-AUTOMATIC PORTABLE STEREO TAPE SYSTEM

This Ampex Ultra-Automatic is in a class by itself . . . quality engineered for luxury lovers. Two second Automatic Threading . . . "silent signal" Automatic Reverse . . . and new Bi-directional Recording practically eliminate tape handling! And, it's designed for serious taping with a built-in Mixer to blend mike and line inputs together. Complete system includes two dynamic microphones and two slide-on speaker enclosures. Another of the Ampex Incomparables . . . the finest in reel-to-reel tape recorder/players!

# AMPEX 2161 QUALITY FEATURES

- Exclusive Ampex Deep Gap Heads
- Bi-directional recording
- "Silent Signal" automatic reverse
- Automatic repeat
- Two-second automatic threading
- Built-in mike and line mixer
- Hysteresis synchronous motor
- Patented Dual Capstan Drive
- Exclusive rigid block head suspension
- Versatile 3-speed operation
- Easy-to-use interlocked controls
- Illuminated record level VU meters
- Automatic tape lifters
- Automatic cue provision
- Sturdy die-cast aluminum construction
- Instant-on solid state electronics
- Built-in power amplifier
- Individual channel loudness controls
- Separate bass/treble control
- Headphone output
- Digital counter
- Automatic shut-off
- Two slide-on speaker systems each with 6" woofer and 3½" tweeter
- Two dynamic microphones

## PERFORMANCE SPECIFICATIONS

Overall Record/Reproduce  
Frequency Response  
20-22,000 Hz @ 7½ ips  
(50-17,000 Hz ±3 db)  
20-15,000 Hz @ 3¾ ips  
(50-12,000 Hz ±3 db)

Signal to Noise  
(from peak record level)  
7½ ips 52 db  
3¾ ips 50 db

Flutter and Wow  
(ASA Standards)  
7½ ips ±0.07%  
3¾ ips ±0.12%

Speed Accuracy  
7½ ips ±1%  
3¾ ips ±2%

Line Input Impedance  
200K ohm min.

Mike Input Impedance  
110K ohm min.

Pre-Amp Output Level .7V rms

Power Output  
Continuous rms per channel—  
6 watts  
Peak both channels  
combined—30 watts

Speaker Output 8 ohm min.

Tone Control Range  
Treble +10 db @ 10K Hz  
Bass -8 db @ 100 Hz

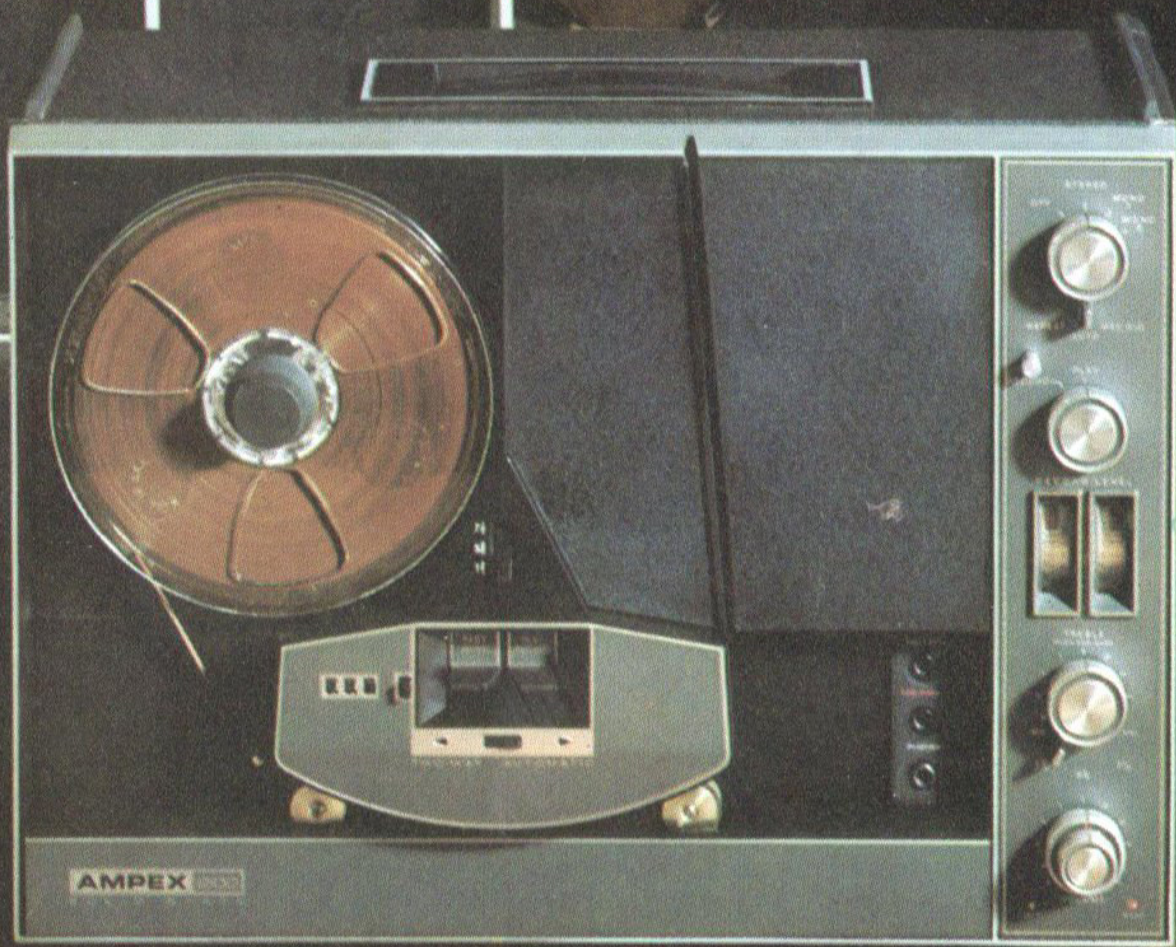
Power Consumption  
1 amp, 117 V, 60 Hz

Overall Size 18⅝" x 13¾" x 7"

Weight. 42 lbs.

Specifications subject to  
change without notice.

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# AMPEX MODEL 2150

## ULTRA-AUTOMATIC STEREO TAPE DECK

This Ampex Ultra Automatic tape deck is in a class by itself . . . quality engineered for luxury lovers. Two-second Automatic Threading . . . "silent signal" Automatic Reverse . . . and new Bi-directional Recording practically eliminate tape handling! And, it's designed for serious taping with a built-in Mixer to blend mike and line inputs together. Packed with other Ampex quality features including Deep Gap Heads, Dual Capstan Drive, and Rigid-Block Head Suspension. May be custom mounted or mounted in custom walnut base (optional). Another of the Ampex Incomparables . . . the finest in reel-to-reel tape decks!

# AMPEX 2150 QUALITY FEATURES

- Exclusive Ampex Deep Gap Heads
- Bi-directional recording
- "Silent Signal" automatic reverse
- Automatic repeat
- Two-second automatic threading
- Built-in mike and line mixer
- Hysteresis synchronous motor
- Patented Dual Capstan Drive
- Exclusive rigid-block head suspension
- Versatile 3-speed operation
- Easy-to-use interlocked controls
- Illuminated record level VU meters
- Automatic tape lifters
- Automatic cue provision
- Sturdy die-cast aluminum construction
- Instant-on solid state electronics
- Digital counter
- Automatic shut-off

## PERFORMANCE SPECIFICATIONS

Overall Record/Reproduce  
Frequency Response  
20-22,000 Hz @ 7½ ips  
(50-17,000 Hz ±3 db)  
20-15,000 Hz @ 3¾ ips  
(50-12,000 Hz ±3 db)

Signal to Noise  
(from peak record level)  
7½ ips 52 db  
3¾ ips 50 db

Flutter and Wow  
(ASA Standards)  
7½ ips ±0.07%  
3¾ ips ±0.12%

Speed Accuracy  
7½ ips ±1%  
3¾ ips ±2%

Fast Wind Time  
(1200 ft. tape) 130 seconds

Line Input Impedance  
200K ohm min.

Mike Input Impedance  
110K ohm min.

Pre-Amp Output Level .7V rms

Power Consumption  
1 amp, 117 V, 60 Hz

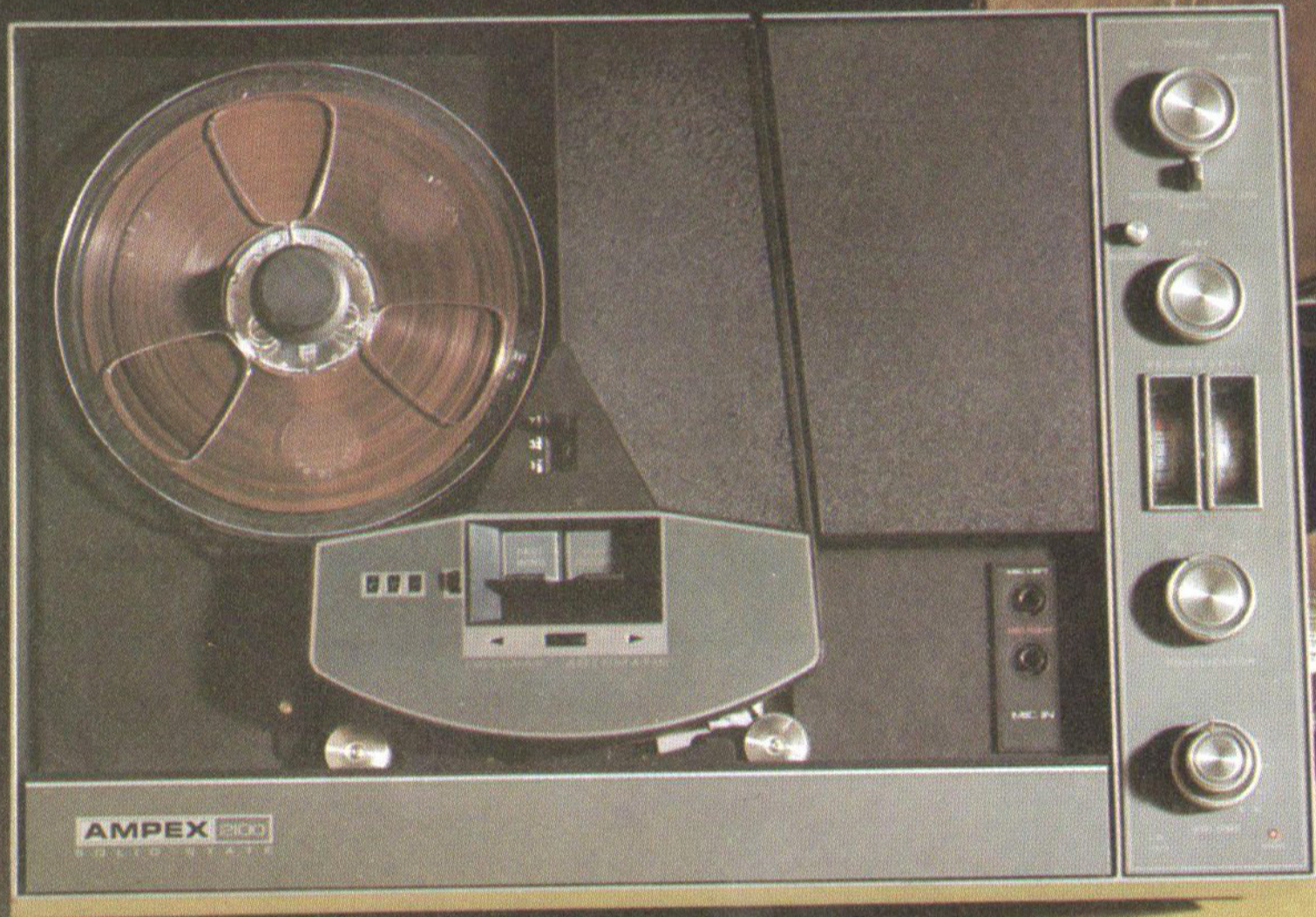
Overall Size 18⅝" x 13¾" x 7"

Mounting Frame 18⅝" x 13"

Weight. 29 lbs.

Specifications subject to  
change without notice.

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# AMPEX MODEL 1467

## PORTABLE AUTOMATIC MONITOR STEREO TAPE SYSTEM

New from Ampex for serious tape enthusiasts who want convenience, too. This quality engineered Ampex recorder features four Deep Gap Heads, with one that lets you hear new material exactly as it is being recorded . . . allows Sound-on-Sound, Sound-with-Sound and Echo effect. Pause control allows editing while recording. For playing luxury it features Ampex two-second Automatic Threading and "silent signal" Automatic Reverse. Complete system includes two remarkable acoustic suspension Cube Speakers and two dynamic microphones. Another of the Ampex Incomparables . . . the finest in reel-to-reel tape recorder/players.

# AMPEX 1467 QUALITY FEATURES

- Exclusive Ampex Deep Gap Heads
- "Silent Signal" automatic reverse
- Pause control
- Hysteresis synchronous motor
- Patented Dual Capstan Drive
- Exclusive rigid block head suspension
- Versatile 3-speed operation
- Easy-to-use interlocked controls
- Illuminated record level VU meters
- Automatic tape lifters
- Automatic cue provision
- Sturdy die-cast aluminum construction
- Instant-on solid state electronics
- Built-in power amplifier with 40 watts of peak music power
- Separate bass and treble controls
- Individual channel loudness controls
- Headphone output
- Digital counter
- Automatic shut-off
- Two walnut acoustic suspension Cube speakers
- Two dynamic microphones
- Two-second automatic threading
- Automatic repeat
- Direct tape monitor
- Sound-on-Sound
- Sound-with-Sound
- Echo effect

## PERFORMANCE SPECIFICATIONS

Overall Record/Reproduce  
Frequency Response  
20-20,000 Hz @ 7½ ips  
(50-15,000 Hz ±3 db)  
20-14,000 Hz @ 3¾ ips  
(50-7,500 Hz ±3 db)

Signal to Noise  
(from peak record level)  
7½ ips 48 db  
3¾ ips 45 db

Flutter and Wow  
7½ ips 0.08%  
3¾ ips 0.13%

Speed Accuracy  
7½ ips ±1%  
3¾ ips ±2%

Line Input Impedance  
220K ohm

Mike Input Impedance  
150K ohm

Pre-Amp Output Level .7V rms

Power Output  
Continuous rms per channel—  
8 watts  
Peak music power both  
channels combined—40 watts

Speaker Output 8 ohm min.

Tone Control Range  
Treble +8 db —10 db @ 10K  
Hz  
Bass +15 db —6 db @ 100 Hz

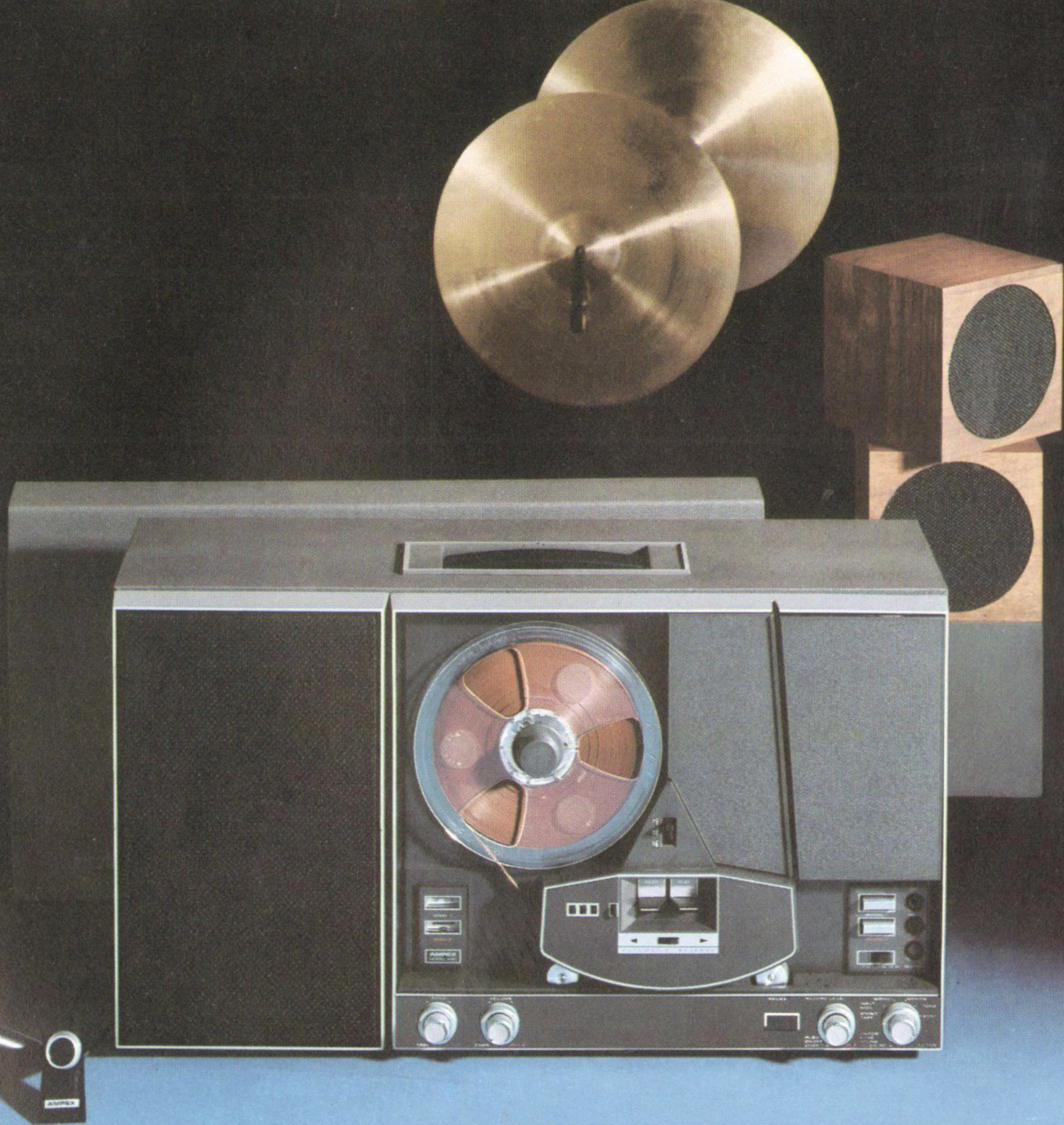
Power Consumption  
1 amp, 117 V, 60 Hz

Overall Size 23½" x 14" x 8½"

Weight. 40 lbs.

Specifications subject to  
change without notice.

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# AMPEX MODEL 1455A

## AUTOMATIC MONITOR STEREO TAPE DECK

New from Ampex for serious tape enthusiasts who want convenience, too. This quality engineered Ampex deck features four Deep Gap Heads, with one that lets you hear new material exactly as it is being recorded . . . allows Sound-on-Sound, Sound-with-Sound and Echo effect. Pause control allows editing while recording. For playing luxury it features Ampex two-second Automatic Threading and "silent signal" Automatic Reverse. Walnut grained base included transforms the deck into a handsome component. Another of the Ampex Incomparables . . . the finest in reel-to-reel tape decks.

# AMPEX 1455A QUALITY FEATURES

- Exclusive Ampex Deep Gap Heads
- Two-second automatic threading
- "Silent Signal" automatic reverse
- Automatic repeat
- Direct tape monitor
- Sound-on-Sound
- Sound-with-Sound
- Echo effect
- Pause control
- Hysteresis synchronous motor
- Patented Dual Capstan Drive
- Exclusive rigid block head suspension
- Versatile 3-speed operation
- Easy-to-use interlocked controls
- Illuminated record level VU meters
- Automatic tape lifters
- Automatic cue provision
- Sturdy die-cast aluminum construction
- Instant-on solid state electronics
- Digital counter
- Automatic shut-off
- Handsome walnut grained vinyl-clad wood base
- Four patch cords

## PERFORMANCE SPECIFICATIONS

Overall Record/Reproduce  
Frequency Response  
20-20,000 Hz @ 7½ ips  
(50-15,000 Hz ±3 db)  
20-14,000 Hz @ 3¾ ips  
(50-7,500 Hz ±3 db)

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Signal to Noise  
(from peak record level)  
7½ ips 48 db  
3¾ ips 45 db

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Flutter and Wow  
7½ ips 0.08%  
3¾ ips 0.13%

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Speed Accuracy  
7½ ips ±1%  
3¾ ips ±2%

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Line Input Impedance  
220K ohm

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Mike Input Impedance  
150K ohm

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Pre-Amp Output Level .7V rms

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Power Consumption  
1 amp. 117V, 60 Hz

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Overall Size 13" x 15¾" x 6½"

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Mounting Frame 14½" x 11⅛"

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Weight. 27 lbs.

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Specifications subject to  
change without notice.

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## AMPEX MODEL 767

### PORTABLE THREE HEAD STEREO SOUND SYSTEM

New from Ampex for those who prefer a portable tape system, but demand professional performance. This quality engineered recorder/player features three heads . . . separate Deep Gap Play/Monitor Head for direct monitor from the tape, Sound-with-Sound, Sound-on-Sound, and Echo effect. The remarkable Ampex designed acoustic suspension Cube speakers are a sound innovation . . . provide full dimensional sound, but are small enough to fit within the case. System includes two microphones. Another of the Ampex Incomparables . . . the finest in reel-to-reel tape recorder/players!

# AMPEX 767 QUALITY FEATURES

- Exclusive Ampex Deep Gap Heads
- Direct tape monitor
- Sound-on-Sound
- Sound-with-Sound
- Echo effect
- Pause control
- Hysteresis synchronous motor
- Patented Dual Capstan Drive
- Exclusive rigid block head suspension
- Versatile 3-speed operation
- Easy-to-use interlocked controls
- Illuminated record level VU meters
- Automatic tape lifters
- Automatic cue provision
- Sturdy die-cast aluminum construction
- Instant-on solid state electronics
- Built-in power amplifiers with 40 watts of peak music power
- Individual channel loudness control
- Separate bass and treble controls
- Headphone output
- Digital counter
- Automatic shut-off
- Two walnut acoustic suspension Cube speakers
- Two dynamic microphones

## PERFORMANCE SPECIFICATIONS

Overall Record/Reproduce  
Frequency Response  
20-20,000 Hz @ 7½ ips  
(50-15,000 Hz ±3 db)  
20-14,000 Hz @ 3¾ ips  
(50-7,500 Hz ±3 db)

Signal to Noise  
(from peak record level)  
7½ ips 48 db  
3¾ ips 45 db

Flutter and Wow  
7½ ips 0.08%  
3¾ ips 0.13%

Speed Accuracy  
7½ ips ±1%  
3¾ ips ±2%

Line Input Impedance  
220K ohm

Mike Input Impedance  
150K ohm

Pre-Amp Output Level .7V rms

Power Output  
Continuous rms per channel—  
8 watts  
Peak music power both  
channels combined—40 watts

Speaker Output 8 ohm min.

Tone Control Range  
Treble +8 db —10 db @ 10K  
Hz  
Bass +15 db —6 db @ 100 Hz

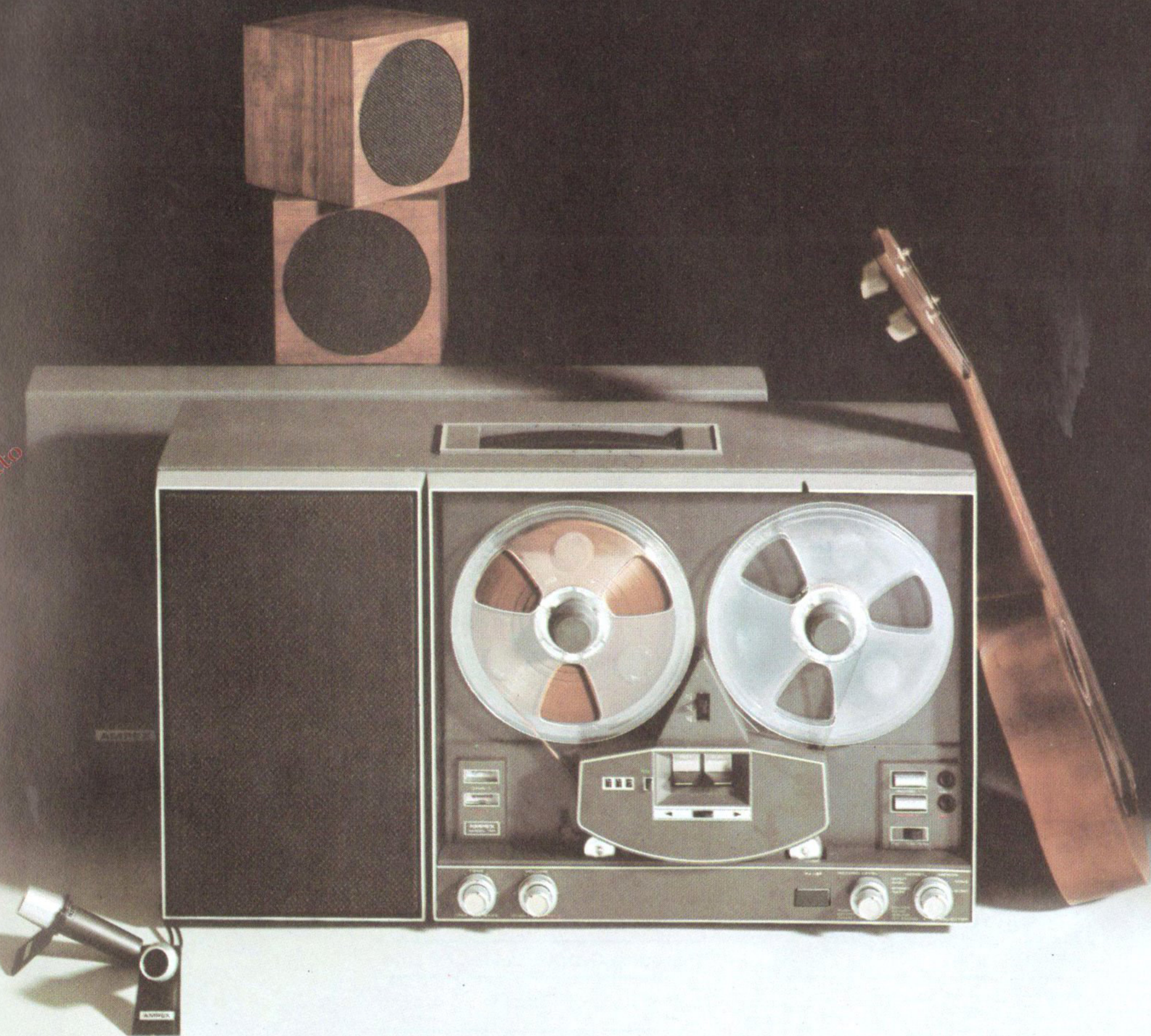
Power Consumption  
1.0 amp, 117 V, 60 HZ

Overall size 23½" x 14" x 8½"

Weight. 42 lbs. (approx.)

Specifications subject to  
change without notice.

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# AMPEX MODEL 755A

## THREE HEAD STEREO TAPE DECK

New from Ampex for people who want professional features at an attractive price. This quality engineered Ampex deck features three heads . . . separate Deep Gap Head for playback and monitor . . . enables Sound-on-Sound, Sound-with-Sound and Echo effect. Pause control allows editing while recording. Other quality features include exclusive Ampex Dual Capstan Drive and Rigid Block Head Suspension, Custom walnut base, or may be custom mounted in your present cabinet. Another of the Ampex Incomparables . . . the finest in reel-to-reel tape decks!

# AMPEX 755A QUALITY FEATURES

- Exclusive Ampex Deep Gap Heads
- Direct tape monitor
- Sound-on-Sound
- Sound-with-Sound
- Echo effect
- Pause control
- Hysteresis synchronous motor
- Patented Dual Capstan Drive
- Exclusive rigid block head suspension
- Versatile 3-speed operation
- Easy-to-use interlocked controls
- Illuminated record level VU meters
- Automatic tape lifters
- Automatic cue provision
- Sturdy die-cast aluminum construction
- Instant-on solid state electronics
- Digital counter
- Automatic shut-off
- Handsome walnut grained vinyl-clad wood base
- Four patch cords

## PERFORMANCE SPECIFICATIONS

Overall Record/Reproduce  
Frequency Response  
20-20,000 Hz @ 7½ ips  
(50-15,000 Hz ±3 db)  
20-14,000 Hz @ 3¾ ips  
(50-7,500 Hz ±3 db)

Signal to Noise  
(from peak record level)  
7½ ips 48 db  
3¾ ips 45 db

Flutter and Wow  
7½ ips 0.08%  
3¾ ips 0.13%

Speed Accuracy  
7½ ips ±1%  
3¾ ips ±2%

Line Input Impedance  
220K ohm

Mike Input Impedance  
150K ohm

Pre-Amp Output Level .7V rms

Power Consumption  
1 amp. 117V, 60 Hz

Overall Size 13" x 15¾" x 6½"

Mounting Frame 14½" x 11⅛"

Weight. 27 lbs.

Specifications subject to  
change without notice.

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# AMPEX MODEL 1161

## PORTABLE AUTOMATIC STEREO TAPE SYSTEM

For those who demand tape handling convenience, this Ampex system is a must. Automatic Threading lets you load the tape in two seconds. Automatic Reverse plays a complete 4-track stereo tape unattended, you just sit back and relax. Recording is almost as easy because of the Ampex simplified controls. This deluxe system is complete with two dynamic microphones and slide-on speaker enclosures. Another of the Ampex Incomparables . . . the finest in reel-to-reel tape recorder/players!

# AMPEX 1161 QUALITY FEATURES

- Exclusive Ampex Deep Gap Heads
- Two-second automatic threading
- "Silent Signal" automatic reverse
- Automatic repeat
- Patented Dual Capstan Drive
- Exclusive rigid block head suspension
- Versatile 3-speed operation
- Hysteresis synchronous motor
- Easy-to-use interlocked controls
- Illuminated record level VU meters
- Automatic tape lifters
- Automatic cue provision
- Sturdy die-cast aluminum construction
- Instant-on solid state electronics
- Built-in power amplifier
- Individual channel loudness controls
- Bass/treble control
- Digital counter
- Automatic shut-off
- Slide-on speaker systems with 6" x 9" dual cone speakers
- Two dynamic microphones

## PERFORMANCE SPECIFICATIONS

Overall Record/Reproduce  
Frequency Response  
20-18,000 Hz @ 7½ ips  
(50,15,000 Hz ±4 db)  
20-12,500 Hz @ 3¾ ips  
(50-7,500 Hz ±4 db)

Signal to Noise  
(from peak record level)  
7½ ips 46 db  
3¾ ips 43 db

Flutter and Wow  
7½ ips 0.10%  
3¾ ips 0.15%

Speed Accuracy  
7½ ips ±2%  
3¾ ips ±3%

Line Input Impedance High

Mike Input Impedance High

Pre-Amp Output Level 0.3V

Power Output  
Continuous rms per channel—  
6 watts  
Peak both channels  
combined—30 watts

Speaker Output 8 ohm min.

Tone Control Range  
Treble +10 db —10 db @ 10K  
Hz  
Bass +6 db —0 db @ 100 Hz

Power Consumption  
1.0 amp, 117V, 60 Hz

Overall size 19" x 13½" x 7½"

Weight. 37 lbs.

Specifications subject to  
change without notice.

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## SAVE OVER 50%

on an AMPEX Stereo Tape library with your purchase of any Ampex tape recorder in this book. Ask your dealer for details.

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Sound  
Idea  
people T.M.

**AMPEX**

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