

A major milestone
in musical enjoyment

AMPEX
612



STEREOPHONIC
TAPE PHONOGRAPH*

BRINGS YOU SENSATIONAL STEREOPHONIC SOUND

THAT ONLY A SUPERB TAPE MACHINE CAN PROVIDE

STARTLING REALISM

Ampex now brings you new dimensions in sound — new heights in listening enjoyment. It's the Ampex 612, a stereophonic tape phonograph that surpasses "old fashioned" high fidelity with overwhelming brilliance and realism. It's designed to bring a new panorama of sound into your living room with recorded tapes.

SUPERB QUALITY

Only tape, combined with a superb tape machine, can achieve the depth and clarity of three dimensional sound. Now, the sensational Ampex 612 makes it possible. There is no substitute for excellence that will truly satisfy. That's why it pays to invest in Ampex tape equipment . . . to rely on the famous Ampex professional standard. Ask for a demonstration of the Ampex 612 now.

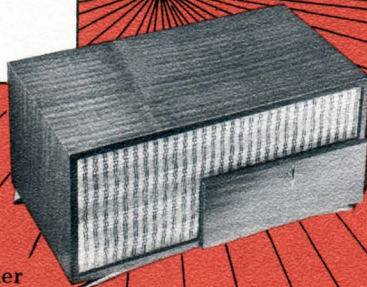
**BRILLIANT PERFORMANCE
ALSO FROM HALF-TRACK
AND FULL-TRACK TAPES**

* for playback (only) of recorded tapes.

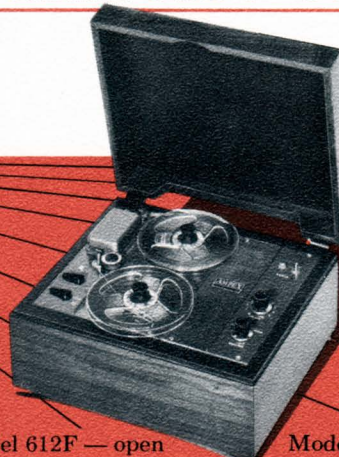


Designed
custom furniture cabinets

model
612



Model 620F Amplifier-Speaker



Model 612F — open



Model 612F — closed

AMPEX 612 AND 620 AVAILABLE IN . . .

beautiful Contemporary style, hand-rubbed hardwood furniture with either *blonde* or *brunette* finish. Also available in portable Samsonite carrying case or 612 chassis only for custom mounting.

YOUR STEREOPHONIC SOUND SYSTEM

To capture the three dimensional relationship of stereophonic sound, two speakers are employed, each playing off a separate track as provided by the 612. The 612 can be incorporated with your present speaker sys-

tem or matched with Ampex 620 Amplifier-Speakers.

STEREOPHONIC TAPES NOW AVAILABLE

In addition to the many excellent half-track tapes now available, major recording companies for some time have been recording all important sessions stereophonically. Many of both types of tapes are now available and more are continually being released for your selection.

GENERAL PERFORMANCE CHARACTERISTICS AND SPECIFICATIONS

TAPES Plays full-track, half-track or two-track stereophonic tapes (for "inline" heads) at 7½ in./sec.

REEL SIZE 7" RMA reel.

PLAYING TIME 32 minutes with 7 inch, 1200-foot reel. (32 minutes each direction on half-track tapes.)
 48 minutes with 7 inch, 1800-foot reel. (48 minutes each direction on half-track tapes.)

FREQUENCY RESPONSE 40 to 15,000 cycles/sec.; (The model 612 is a reproducer only, and frequency response must be relative to a standard. The 612 will play back the Ampex standard tape #5563 within ± 2 db.)

FLUTTER & WOW Below 0.25%.

AMPLIFIERS Two separate amplifiers, one for each track, are used. Distortion-free reproduction.

POWER REQUIREMENTS 117 volts. (60 or 50 cycles optional.)

DIMENSIONS Ampex 612F in cabinet : approximately 9" x 15" x 17½"
 Ampex 620F in cabinet : approximately 9½" x 11" x 21"

OPTIONS TO SPECIFY WHEN ORDERING For furniture cabinets, specify "blonde" or "brunette" finish. Or specify portable case or 612 chassis only for custom mounting.



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