

# ON A DESERTED MOUNTAINTOP 10,000 FEET ABOVE THE CALIFORNIA DESERT THE SCOTT MONOPHONIC 310 IS ABOUT TO BE REPLACED... BY THE NEW TRANSISTOR 4312 STEREO TUNER

High atop Mount Santa Rosa, in California, the Palm Springs Television Company has been using monophonic Scott 310 broadcast monitors to relay FM programs from Los Angeles 105 miles away to the town of Palm Springs, directly behind the mountain. With the advent of stereo, new equipment was needed that would be as reliable as the 310, and provide the same performance . . . now in stereo. After an exhaustive study of available tuners, the brand new Scott 4312 transistorized tuner was selected for the job. Like the 310's they are replacing, the new Scott 4312's will have to undergo a punishing ordeal on the mountain-top. Towering snowdrifts make these tuners completely inaccessible for many months of the year. There is no margin for error . . . these tuners have to work perfectly, with unvarying reliability. They cannot drift even slightly during the entire period.

Robert Beaman, Chief Engineer for Palm Springs Television Company, emphasized the two basic factors in the selection of the Scott 4312:

1. The radically new Solid State circuitry, designed by Scott, provides the optimum in stability and assures years of cool-running, trouble-free performance . . . a must for a remote location like Mount Santa Rosa.
2. New Scott transistor circuitry makes possible three-megacycle detector bandwidth which provides a new standard of stereo separation not previously achieved with vacuum tube tuners.



**Here are the seven features that make the Scott 4312 the world's first truly reliable TRANSISTORIZED tuner.**

1. Transistorized time-switching multiplex circuitry. Separation in excess of 35 db at 400 cps, a new industry standard.
2. 3-megacycle detector, widest of any tuner ever designed. Results in extremely good stereo separation, drift free performance, excellent capture ratio.
3. Nuvistor front end. Nuvistors chosen for their reliable performance and extremely low cross modulation, in excess of -65db. This outstanding design specification assures you that strong local stations show up only once on the dial.
4. Silver-plated RF circuitry. Assures sensitivity of 1.9 microvolts (IHF).
5. Sensitive tuning meter and antenna orientation indicator.
6. Transistorized Auto-Sensor circuitry instantly switches to stereo mode when stereo broadcast goes on the air.
7. Professional slide-rule tuning, with heavily weighted mechanism, and use of ball-bearings throughout. Assures true velvet-touch tuning. \$365\*

**SCOTT®**

H. H. SCOTT INC., 111 Powdermill Road, Maynard, Mass.  
\*Slightly higher West of Rockies. Accessory cases extra. Export: Morhan Exporting Corp., 458 Broadway, N.Y.C. Canada: Atlas Radio Corp., 50 Wingold Ave., Toronto

FOR NEW SCOTT CATALOG CIRCLE 100 ON READER SERVICE CARD