

# Major advance in FM from Scott!



## New "Field-Effect" transistor circuitry lets you hear more stations... more clearly.

Scott announces a significant new engineering achievement in solid state circuit design... the first application of "Field-Effect" transistors to a consumer product! This entirely new Scott circuit, making its initial appearance in the new 388 100-watt AM/FM Receiver, virtually eliminates cross modulation... lets you hear weak or distant stations which are usually masked out when ghost signals from strong local stations appear at unwanted spots on the dial.

According to recent exhaustive tests conducted by Texas Instruments, Inc., "The H. H. Scott FM tuner front end... exhibited IHF sensitivities of 1.6 to 2 microvolts with cross modulation rejection of from 96 to 100 db. Two strong signals, equivalent to more than 50 mv per meter and separated by 800 kc, can be fed into the input without having any measurable intermodulation products generated. This performance

... is more than 20 db better than the best bipolar transistorized front ends."

This radical improvement in FM tuner front end design is but one of the features that make the 388 your best value in a powerful, sensitive, no-compromise receiver. The 388 incorporates direct-coupled output circuitry, utilizing costly silicon transistors, allowing instantaneous power for extreme music dynamics, and affording complete protection against speaker overload. Both output and driver transformers, major sources of distortion and diminished power, are thus eliminated from the design of the 388. Silicons are also used in the IF circuit for superior stability, selectivity, and wide bandwidth.

Other engineering features of the 388 include: heavy military-type heat sinks, scientifically designed for optimum heat dissipation; silver-plated

tuner front end for maximum sensitivity; and extensive protective circuitry to safeguard the receiver and associated equipment from such common problems as accidental shorting of speaker terminals, operating the amplifier section without a load, subjecting the input to a high level transient signal, or operation with capacitative loads, such as electrostatic loudspeakers. In addition, the 388 incorporates famous Scott wide-range AM for your increased listening enjoyment.

See and hear the Scott 388 AM/FM solid state stereo receiver, now at your Scott dealer's.

388 Specifications: Music power rating, 50 watts per channel at four ohms, 40 watts per channel at eight ohms; Frequency response,  $\pm 1$  db, 15-30,000 cps; Harmonic distortion, 0.8%; Capture ratio, 4 db; Selectivity, 45 db; Separation, 35 db. Price, East of the Rockies, less than \$500.

**SCOTT®**

H. H. Scott, Inc., 111 Powdermill Road, Maynard, Mass.  
Export: Scott International, Maynard, Mass. Cable HIFI

Circle 100 on Reader Service Card