

**SCOTT**  
where innovation is a tradition

# 387

**AM/FM stereo receiver**  
55 watts per channel at 8 ohms  
continuous power (RMS) both channels driven



**perfectune™ indicator** lights up when station is tuned for maximum signal and lowest distortion.  
**new angled 9½" dial** increases visibility and tuning ease.  
**silver plated FET front end** maximizes sensitivity, virtually eliminates spurious signals, receives more stations with less distortion.

**full complementary silicon output stage** improves power bandwidth and reduces distortion.  
**solderless "tension wrap"** connections eliminate cold solder joints, improve reliability and longevity.  
**100% american made product** backed by H. H. Scott's decades-old reputation for engineering innovation and integrity assures unexcelled performance and trouble free long life.

# 387

## AM/FM stereo receiver — 55 watts per channel

### amplifier section

continuous power (RMS) output . . . . .	100/100 watts at 4 ohms
(one channel driven) . . . . .	63/63 watts at 8 ohms
continuous power (RMS) output . . . . .	85/85 watts at 4 ohms
(both channels driven) . . . . .	55/55 watts at 8 ohms
harmonic distortion . . . . .	0.5% at rated output
IHF power bandwidth . . . . .	10 Hz — 38kHz
hum and noise, phono . . . . .	-65 dB
hum and noise, phono (high level) . . . . .	-75 dB

### audio section

#### input sensitivity

phono . . . . .	high 4.2 mV
	low 8.5 mV
mic . . . . .	5.5 mV
extra . . . . .	0.70 V
tape in . . . . .	0.70 V

#### hum and noise (below rated output)

phono . . . . .	65 dB
mic . . . . .	65 dB
extra . . . . .	70 dB
tape in . . . . .	70 dB

#### input impedance

phono . . . . .	50 k ohms
mic . . . . .	50 k ohms
extra . . . . .	50 k ohms
tape in . . . . .	50 k ohms

### tuner section —

#### FM multiplex

usable sensitivity (IHF) . . . . .	1.9 $\mu$ V
tuning range . . . . .	88-108 MHz
signal to noise ratio . . . . .	65 dB below 100% mod.
total harmonic distortion . . . . .	0.6%
frequency response (FCC limit) . . . . .	50-15000 Hz $\pm$ 1 dB
capture ratio . . . . .	2.5 dB
dial calibration accuracy . . . . .	0.5% of station freq.
AM suppression . . . . .	55 dB
separation @ 400 Hz . . . . .	35 dB
cross modulation rejection . . . . .	80 dB
FM muting switching level . . . . .	3 — 30 $\mu$ V
(adjustable)	
IM distortion . . . . .	0.5%

#### AM section

tuning range . . . . .	535 kHz to 1620 kHz
bandwidth . . . . .	{ -3 dB } = 8 kHz
	{ -6 dB } = 10 kHz
selectivity . . . . .	32 dB
THD (60% modulation) . . . . .	2.0%
usable sensitivity (IHF) . . . . .	100 $\mu$ V/m @ 600 kHz
hum and noise . . . . .	40 dB below 100% mod.
spurious response rejection . . . . .	>60 dB
IF rejection . . . . .	>33 dB
image rejection . . . . .	>48 dB

### controls

#### front panel

new 9½ inch "wide screen" tuning dial • stereo tape recorder input and output jacks • input selector • stereo balance control • dual bass and treble controls • loudness — on/off switch • #1 stereo speaker system — on/off • #2 stereo speaker system — on/off • muting and filter switches • stereo/mono mode switch • tape monitor and loudness compensation switches • stereo headphone jack • Perfectune automatic FM tuning indicator • automatic stereo indicator • automatic AM, FM, phono, and extra function indicators • precision signal strength meter

#### rear panel

300 ohm FM and AM antenna terminal strips • 72/75 ohm FM antenna jack • stereo tape recorder inputs and outputs • magnetic phono cartridge inputs • extra high-level source inputs • preamp sensitivity switch • speaker balance control • 75/300 ohm antenna balun switch • ground • #1 stereo speaker system jacks • #2 stereo speaker system terminal strips • unswitched accessory outlet • speaker fuses • power fuses;

#### dimensions

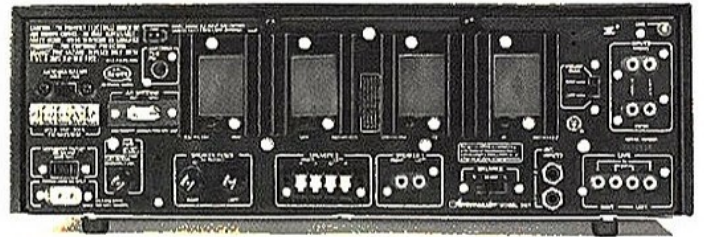
17½" w x 15" d x 6" h

#### power line requirements

line voltage & frequency . . . . . 105-125 VAC/50-60 Hz

#### convenience features

front panel, 4-way speaker switching • dual bass and treble controls to simulate stereo sound from a monophonic source • front panel headphone jack • preamp sensitivity control for precise matching to cartridge output • 72/75 ohm antenna jack with balun switch for professional applications • new total electronic protective circuitry is more effective than any fuse or circuit breaker • dual (front and rear panel) tape recording inputs and outputs permit connection of two recorders •



### Two-Year Parts and Labor Warranty

All H. H. Scott components and music systems are warranted against defects in material and workmanship for two years from the date of sale to the consumer. The unit must be delivered to and picked up from either an authorized Scott warranty service or the Customer Service Department, H. H. Scott, Inc., 117 Powdermill Road, Maynard, Massachusetts 01754.

This warranty covers repair and/or replacement of any part found by the manufacturer, or his agent, to be defective, including any associated labor cost.

The above warranty does not apply to (1) accessory parts explicitly covered by the field warranty of an original manufacturer; (2) units subjected to accidental damage or misuse in violation of instructions; (3) normal wear and tear; (4) units repaired or altered by other than authorized service agencies; and (5) units with removed or defaced serial number.

### Modutron™ service policy

Should your Scott product ever require service *after the free two-year warranty period*, here's all you do:

Take or ship your component to a Scott warranty service station.

Your unit will be electronically tested and the problem isolated. The warranty service station will exchange any defective board for a perfect one right from stock, or contact Scott for air shipment. Service is faster than ever before, and you pay only a nominal amount for trouble-shooting, any necessary alignment, and the standardized \$10 exchange cost (or the equivalent in 1970 purchasing power) of a perfect factory-rebuilt Modutron circuit board, providing there has been no physical damage to the original board.

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H. H. Scott, Inc., 111 Powdermill Road, Maynard, Mass. 01754

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