

Model 8511 Set-Top Terminal



19961

Compact and simple to operate, the Model 8511 Set-Top Terminal offers Scientific-Atlanta quality and reliability at an economical price.

DESCRIPTION

Popular for its compact size, the Model 8511 Set-Top Terminal has two large keys on the front that allow subscribers to quickly and easily change channels and turn the unit on or off. With the two-speed channel increment/decrement feature, subscribers can alter channel changing speed by pressing either key for more than two seconds.

Reliable, High-Quality Technology

Subscribers will benefit from the set-top terminal's ultra-reliable, high-quality design. The infrared remote control provides convenient direct channel entry and favorite channel recall. Quality Automatic Frequency

Control (AFC) ensures improved tuning stability and frequency accuracy. The product is covered by Scientific-Atlanta's three-year limited warranty and 99% reliability guarantee.

FEATURES

- 550 MHz bandwidth
- AFC technology for tuning stability
- Infrared remote control capability with favorite channel memory (remote optional)
- Compact size takes up less room on TV set
- Two keys control channel changes and on/off settings
- Two-speed channel increment/decrement
- Switched AC outlet
- EIA channel lineup available (switch selectable between Standard and HRC)
- Meets FCC Part 15H Requirements

Model 8511 Set-Top Terminal

SPECIFICATIONS

Environmental

Temperature

0°C to 45°C

Relative humidity

5% to 95%

Electrical

Input bandwidth

54 MHz to 550 MHz

Number of channels

82

Output channel

3 or 4, set at factory

Channel frequency response

+2 dB

Gain

0 dB, min

5 dB, typical

Output level

15.5 dBmV, max

Noise figure

12 dB, typical

Return loss

Input

7 dB, min on tuned channel (54 MHz to 440 MHz)

5 dB, min on tuned channel (440 MHz to 550 MHz)

Output

11 dB, min

Isolation input/output

60 dB

Spurious response

Input

-37 dBmV (up to 550 MHz)

Output

-57 dBc (in channel)

Frequency accuracy

+100 kHz

AC input range

115 V AC +10%

Power consumption

7 W, typical

Surge protection

AC: Spark gaps and transformer isolation

RF: Inductor shunt to ground

Distortion at 15 dBmV; 80 channel load

Flat input

Second order: -57 dB

Cross Modulator: -57 dB

Composite triple beat: -57 dB

Input level

-7 dBmV to +20 dBmV

Mechanical

Dimensions

7 in. L x 4.75 in. W x 2 in. H

Weight

1.75 lbs

Keyboard type

Two keys (increment and decrement, front access)

Display type

2-Digit LED, 0.57 in. H x 0.40 in. W (per digit)

ORDER INFORMATION

- Model 8511-300 Set-Top Terminal with channel 3 output
- Model 8511-400 Set-Top Terminal with channel 4 output
- Model 8550-175 Remote Control

Specifications and product availability subject to change without notice.



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