COLLINS 51S-1

COMMUNICATIONS RECEIVER | SERIAL No. 6S67 | CIRCA 1968



OVERVIEW

A classic Collins (USA) 51S-1 general-coverage communications receiver, offered from a private legacy collection. It is fundamentally a valve-based receiver, with only a few incidental semiconductors. The unit has been serviced, professionally tested and is fully operational.

TECHNICAL PARTICULARS

Manufacturer	Collins Radio Company, USA
Model / serial	51S-1 / 6S67
Approximate date	Circa 1968
Receiver design	Fundamentally valve-based; only a few incidental semiconductors
Frequency coverage	200 kHz–30 MHz, in thirty 1 MHz bands
Reception modes	USB, LSB, AM and CW
Frequency conversion	Triple conversion below 7 MHz; double conversion above 7 MHz
Standard selectivity	5 kHz AM; 2.75 kHz SSB; 800 Hz CW
Power consumption	Approximately 125 W
Cabinet dimensions	14¾ × 7¾ × 14 in (W × H × D), approximately 375 × 197 × 356 mm
Published weight	Approximately 28 lb (12.7 kg)

PERFORMANCE AND SERVICING

The receiver has been thoroughly and professionally tested. It is reported to be comfortably within the specified sensitivity and noise performance on all bands. A separate table of measurements accompanies the sale information. Minor adjustments have previously been made to two inductors; the receiver is nevertheless fully operational.

INCLUDED WITH THE RECEIVER

- Operational Collins 51S-1 receiver, serial number 6S67.
- Collins power cable, wired for 230 V New Zealand mains.
- Collins tuning tool.
- Mint-condition spiral-bound copy of the complete owner's operating and service manual.

PHYSICAL SIZE AND HANDLING

Published cabinet dimensions are approximately 14¾ in wide × 7¾ in high × 14 in deep (375 × 197 × 356 mm), with a published weight of approximately 28 lb (12.7 kg). These figures describe the receiver, not its packed shipping dimensions or weight. Allow additional space and weight for protective packing.

COSMETIC CONDITION

The receiver is in very tidy condition for equipment of this age and is represented by the principal photograph. Close examination reveals some chips and wear in the front escutcheon paintwork, together with minor corrosion on some hardware. These are cosmetic age-related imperfections. The controls, meter, frequency counter and principal panel markings are present.

TECHNICAL NOTE: T14 AND T15

The ferrite cores in inductors T14 and T15 may benefit from having their positions more securely retained, to reduce the possibility of movement during transport or handling. They are accessible through the hinged top cover or, for access from below, by removing the slide-off surrounding cabinet. No grease or retaining compound has been applied. Any treatment should first be confirmed as compatible with the ferrite, former and surrounding materials by a suitably experienced technician. This is disclosed as a possible precaution, not as a statement that the receiver is presently inoperative.

ASKING PRICE

NZ$1,495

Private sale from a personal legacy collection.